

Publications — Fabian Walter

[as of November 2011]

Refereed Publications:

199. **Walter, F.**, Decarli, R., Carilli, C., Riechers, D., Bertoldi, F., Weiss, A., Cox, P., Neri, R., Maiolino, R., Ouchi, M., Egami, E., 'Evidence for Low Extinction in Actively Star Forming Galaxies at $z > 6.5$ ', 2012, ApJL, subm.
198. Kennicutt, R. C.; Calzetti, D.; Aniano, G.; Appleton, P.; Armus, L.; Beirao, P.; Bolatto, A. D.; Brandl, B.; Crocker, A.; Croxall, K.; Dale, D. A.; Dononvan Meyer, J.; Draine, B. T.; Engelbracht, C. W.; Galametz, M.; Gordon, K. D.; Groves, B.; Hao, C.-N.; Helou, G.; Hinz, J.; Hunt, L. K.; Johnson, B.; Koda, J.; Krause, O.; Leroy, A. K.; Li, Y.; Meidt, S.; Montiel, E.; Murphy, E. J.; Rahman, N.; Rix, H.-W.; Roussel, H.; Sandstrom, K.; Sauvage, M.; Schinnerer, E.; Skibba, R.; Smith, J.-D. T.; Srinivasan, S.; Vigroux, L.; **Walter, F.**; Wilson, C. D.; Wolfire, M.; Zibetti, S., 'KINGFISH – Key Insights on Nearby Galaxies: A Far-Infrared Survey with Herschel: Survey Description and Image Atlas', 2011, PASP, accepted, arXiv:1111.4438
197. Rahman, Nurur; Bolatto, Alberto D.; Xue, Rui; Wong, Tony; Leroy, Adam K.; **Walter, F.**; Bigiel, Frank; Rosolowsky, Erik; Fisher, David B.; Vogel, Stuart N.; Blitz, Leo; West, Andrew A.; Ott, Juergen, 'CARMA Survey Toward Infrared-bright Nearby Galaxies (STING) II: Molecular Gas Star Formation Law and Depletion Time Across the Blue Sequence', 2011, ApJ, accepted, arXiv:1110.1630
196. Yang, Yujin; Decarli, Roberto; Dannerbauer, Helmut; **Walter, F.**; Weiss, Axel; Leipski, Christian; Dey, Arjun; Chapman, Scott C.; Le Floc'h, Emeric; Prescott, Moire K. M.; Neri, Roberto; Borys, Colin; Matsuda, Yuichi; Yamada, Toru; Hayashino, Tomoki; Tapken, Christian; Menten, Karl M., 'Constraining Dust and Molecular Gas Properties in Lyman Alpha Blobs at $z \sim 3$ ', 2011, ApJ, accepted, arXiv:1110.1457
195. van der Werf, Paul P.; Berciano Alba, A.; Spaans, M.; Loenen, A. F.; Meijerink, R.; Riechers, D. A.; Cox, P.; Wei, A.; **Walter, F.**, 'Water Vapor Emission Reveals a Highly Obscured, Star-forming Nuclear Region in the QSO Host Galaxy APM 08279+5255 at $z = 3.9$ ', 2011, ApJ, 741, L38
194. Magdis, G.E.; Daddi, E.; Elbaz, D.; Sargent, M.; Dickinson, M.; Dannerbauer, H.; Aussel, H.; **Walter, F.**; Hwang, H. S.; Charmandaris, V.; Hodge, J.; Riechers, D.; Rigopoulou, D.; Carilli, C.; Pannella, M.; Mullaney, J.; Leiton, R.; Scott, D., 'GOODS-Herschel: Gas-to-dust Mass Ratios and CO-to-H₂ Conversion Factors in Normal and Starbursting Galaxies at High- z ', 2011, ApJ, 740, L15
193. De Rosa, G.; Decarli, R.; **Walter, F.**; Fan, X.; Jiang, L.; Kurk, J.; Pasquali, A.; Rix, H. W., 'Evidence for Non-evolving Fe II/Mg II Ratios in Rapidly Accreting $z \sim 6$ QSOs', 2011, ApJ, 739, 56
192. Wang, Ran; Wagg, Jeff; Carilli, Chris L.; Neri, Roberto; **Walter, F.**; Omont, Alain; Riechers, Dominik A.; Bertoldi, Frank; Menten, Karl M.; Cox, Pierre; Strauss, Michael A.; Fan, Xiaohui;

- Jiang, Linhua, 'Far-infrared and Molecular CO Emission from the Host Galaxies of Faint Quasars at $z \sim 6$ ', 2011, AJ, 142, 101
191. Morganson, Eric; De Rosa, Gisella; Decarli, Roberto; **Walter, F.**; Chambers, Ken; McGreer, Ian; Fan, Xiaohui; Burgett, William; Flewelling, Heather; Hodapp, Klaus; Kaiser, Nick; Magnier, Eugene; Price, Paul; Rix, Hans-Walter; Sweeney, Bill; Waters, Christopher, 'The First High Redshift Quasar from Pan-STARRS', 2011, AJ, subm., arXiv:1109.6241
190. Wang, Ran; Wagg, Jeff; Carilli, Chris L.; **Walter, F.**; Riechers, Dominick A.; Willott, Chris; Bertoldi, Frank; Omont, Alain; Beelen, Alexandre; Cox, Pierre; Strauss, Michael A.; Bergeron, Jacqueline; Forveille, Thierry; Menten, Karl M.; Fan, Xiaohui, 'CO (2-1) Line Emission in Redshift 6 Quasar Host Galaxies', 2011, ApJL, 739, 34
189. Carilli, C. L.; Hodge, J.; **Walter, F.**; Riechers, D.; Daddi, E.; Dannerbauer, H.; Morrison, G. E., 'Expanded Very Large Array Observations of a Proto-cluster of Molecular Gas-rich Galaxies at $z = 4.05$ ', 2011, ApJL, 739, 33
188. Schrubba, Andreas; Leroy, Adam K.; **Walter, F.**; Bigiel, Frank; Brinks, Elias; de Blok, W. J. G.; Dumas, Gaele; Kramer, Carsten; Rosolowsky, Erik; Sandstrom, Karin; Schuster, Karl; Usero, Antonio; Weiss, Axel; Wiesemeyer, Helmut, 'A Molecular Star Formation Law in the Atomic-gas-dominated Regime in Nearby Galaxies', 2011, AJ, 142, 37
187. Kannan, Rahul; Maccio, Andrea V.; Pasquali, Anna; Moster, Benjamin P.; **Walter, F.**, 'Interaction between dark matter sub-halos & galactic gaseous disk', 2011, ApJ, accepted, arXiv:1107.2401
186. Riechers, Dominik A.; Carilli, Christopher L.; Maddalena, Ronald J.; Hodge, Jacqueline; Harris, Andrew I.; Baker, Andrew J.; **Walter, F.**; Wagg, Jeff; Vanden Bout, Paul A.; Weiss, Axel; Sharon, Chelsea E., 'CO(1-0) in $z > 2$ Quasar Host Galaxies: No Evidence for Extended Molecular Gas Reservoirs', 2011, ApJ, 739, 32
185. Riechers, Dominik A.; Hodge, Jacqueline; **Walter, F.**; Carilli, Christopher L.; Bertoldi, Frank, 'Extended Cold Molecular Gas Reservoirs in $z \sim 3.4$ Submillimeter Galaxies', 2011, ApJL, 739, 31
184. Lestrade, Jean-Francois; Carilli, Chris L.; Thanjavur, Karun; Kneib, Jean-Paul; Riechers, Dominik A.; Bertoldi, Frank; **Walter, F.**; Omont, Alain, 'A Molecular Einstein Ring Toward the $z = 3.93$ Submillimeter Galaxy MM18423+5938', 2011, ApJL, 739, 30
183. Leroy, Adam K.; Evans, Aaron S.; Momjian, Emmanuel; Murphy, Eric; Ott, Jrgen; Armus, Lee; Condon, James; Haan, Sebastian; Mazzarella, Joseph M.; Meier, David S.; Privon, George C.; Schinnerer, Eva; Surace, Jason; **Walter, F.**, 'Complex Radio Spectral Energy Distributions in Luminous and Ultraluminous Infrared Galaxies', 2011, ApJL, 739, 25
182. Foyle, K.; Rix, H.-W.; Dobbs, C. L.; Leroy, A. K.; **Walter, F.**, 'Observational Evidence Against Long-lived Spiral Arms in Galaxies', 2011, ApJ, 735, 101
181. Skibba, Ramin A.; Engelbracht, Charles W.; Dale, Daniel; Hinz, Joannah; Zibetti, Stefano; Crocker, Alison; Groves, Brent; Hunt, Leslie; Johnson, Benjamin D.; Meidt, Sharon; Murphy, Eric; Appleton, Philip; Armus, Lee; Bolatto, Alberto; Brandl, Bernhard; Calzetti, Daniela; Croxall, Kevin; Galametz, Maud; Gordon, Karl D.; Kennicutt, Robert C.; Koda, Jin; Krause, Oliver; Montiel, Edward; Rix, Hans-Walter; Roussel, Hlne; Sandstrom, Karin; Sauvage, Marc; Schinnerer, Eva; Smith, J. D.; **Walter, F.**; Wilson, Christine D.; Wolfire, Mark, 'The Emission by Dust and Stars of Nearby Galaxies in the Herschel KINGFISH Survey', 2011, ApJ, 738, 89

180. Warren, Steven R.; Weisz, Daniel R.; Skillman, Evan D.; Cannon, John M.; Dalcanton, Julianne J.; Dolphin, Andrew E.; Kennicutt, Robert C., Jr.; Koribalski, Brbel; Ott, Jrgen; Stilp, Adrienne M.; Van Dyk, Schuyler D.; **Walter, F.**; West, Andrew A., ‘The Formation of Kiloparsec-scale H I Holes in Dwarf Galaxies’, 2011, ApJ, 738, 10
179. **Walter, F.**, Sandstrom, K., et al. (KINGFISH team), ‘The Displaced Dusty ISM of NGC 3077: Tidal Stripping in the M 81 Triplet’, 2011, ApJ Letters, 726, L11
178. Gouliermis, D.A.; Schmeja, S.; Klessen, R.S.; de Blok, W.J.G.; **Walter, F.**, ‘Hierarchical Stellar Structures in the Local Group Dwarf Galaxy NGC 6822’, 2010, ApJ, 725, 1717
177. Oh, S.-H., Brook, C.; Governato, F.; Brinks, E.; Mayer, L.; de Blok, W.J.G.; Brooks, A.; **Walter, F.**, ‘The central slope of dark matter cores in dwarf galaxies: Simulations vs. THINGS’, 2011, AJ, 142, 24
176. Riechers, Dominik A.; Carilli, L. Christopher; Walter, F.; Weiss, Axel; Wagg, Jeff; Bertoldi, Frank; Downes, Dennis; Henkel, Christian; Hodge, Jacqueline, ‘Imaging the Molecular Gas Properties of a Major Merger Driving the Evolution of a $z = 2.5$ Submillimeter Galaxy’, 2011, ApJ, 733, 11
175. Bigiel, F.; Leroy, A. K.; **Walter, F.**; Brinks, E.; de Blok, W. J. G.; Kramer, C.; Rix, H. W.; Schrubba, A.; Schuster, K.-F.; Usero, A.; Wiesemeyer, H. W., ‘A Constant Molecular Gas Depletion Time in Nearby Disk Galaxies’, 2011, ApJL, 730, 13
174. Riechers, D.A.; Carilli, C.L.; **Walter, F.**; Momjian, E., ‘Total Molecular Gas Masses of $z \sim 3$ Lyman-break Galaxies: CO(1–0) Emission in MS 1512–cB58 and the Cosmic Eye’, 2010, ApJ, 724, 153
173. Foyle, K.; Rix, H.-W.; **Walter, F.**; Leroy, A., ‘Arm & Interarm Star Formation in Spiral Galaxies’, 2010, ApJ, 725, 534
172. **Walter, F.**, Weiss, A., Downes, D., Decarli, R., Henkel, C., ‘A Survey of Atomic Carbon at High Redshift’, 2011, ApJ, 730, 18
171. Cannon, J., Most, H., Skillman, E.D., Weisz, D.R., Cook, D., Dolphin, A.E., Kennicutt, R.C., Lee, J., Seth, A., **Walter, F.**, Warren, S.R., ‘The M81 Group Dwarf Irregular Galaxy DDO 165. II. Connecting Recent Star Formation with ISM Structures and Kinematics’, 2011, 735, 36
170. Riechers, Dominik A.; **Walter, F.**; Carilli, C.L.; Cox, P.; Weiss, A.; Bertoldi, F.; Menten, K.M., ‘Dense Molecular Gas Excitation at High Redshift: Detection of HCO+(J=4-3) Emission in the Cloverleaf Quasar’, 2011, ApJ, 726, 50
169. Kurczynski, P.; Gawiser, E.; Huynh, M.; Ivison, R.J.; Treister, E.; Smail, I.; Blanc, G.A.; Cardamone, C.N.; Greve, T.R.; Schinnerer, E.; Urry, M.; van der Werf, P.; **Walter, F.**, ‘Panchromatic Estimation of Star Formation Rates in BzK Galaxies at $1 < z < 3$ ’, 2010, ApJ, subm., arXiv:1010.0290
168. Bigiel, F.; Bolatto, A. D.; Leroy, A. K.; Blitz, L.; **Walter, F.**; Rosolowsky, E. W.; Lopez, L. A.; Plambeck, R. L., ‘Unusually Luminous Giant Molecular Clouds in the Outer Disk of M33’, 2010, ApJ, 726, 1717
167. Cannon, J., Most, H., Skillman, E.D., Weisz, D.R., Cook, D., Dolphin, A.E., Kennicutt, R.C., Lee, J., Seth, A., **Walter, F.**, Warren, S.R., ‘The M81 Group Dwarf Irregular Galaxy DDO 165. I. High Velocity Neutral Gas in a Post-Starburst System’, 2011, AJ, 735, 35

166. Oh, S.-H.; de Blok, W.J.G.; Brinks, E.; **Walter, F.**; Kennicutt, R.C., 'Dark and luminous matter in THINGS dwarf galaxies', 2011, AJ, 131, 193
165. Bastian, N.; Weisz, D. R.; Skillman, E. D.; McQuinn, K. B. W.; Dolphin, A. E.; Gutermuth, R. A.; Cannon, J. M.; Ercolano, B.; Gieles, M.; Kennicutt, R. C.; **Walter, F.**, 'The evolution of stellar structures in dwarf galaxies', 2011, MNRAS, 412, 1539
164. Wagg, J.; Carilli, C. L.; Wilner, D. J.; Cox, P.; De Breuck, C.; Menten, K.; Riechers, D. A.; **Walter, F.**, '[CII] line emission in BRI 1335-0417 at $z = 4.4$ ', 2010, A&A, 519, L1
163. F. Bigiel, A. Leroy, **F. Walter**, L. Blitz, E. Brinks, W. J. G. de Blok, B. Madore, 'Extremely inefficient star formation in the outer disks of nearby galaxies', 2010, AJ, 140, 1194
162. Combes, F.; Garcia-Burillo, S.; Braine, J.; Schinnerer, E.; **Walter, F.**; Colina, L., 'Galaxy Evolution and Star Formation Efficiency at $0.2 < z < 0.6$ ', A&A, 528, 124
161. Rahman, N.; Bolatto, A.D.; Wong, T.; Leroy, A.K.; **Walter, F.**; Rosolowsky, E.; West, A.A.; Bigiel, F.; Ott, J.; Xue, R.; Herrera-Camus, R.; Jameson, K.; Blitz, L.; Vogel, S.N., 'CARMA Survey Toward Infrared-bright Nearby Galaxies (STING): Molecular Gas Star Formation Law in NGC4254', 2011, ApJ, 730, 72
160. Bigiel, F.; Leroy, A.; Seibert, M.; **Walter, F.**; Blitz, L.; Thilker, D.; Madore, B., 'Tightly Correlated H I and FUV Emission in the Outskirts of M83', 2010, ApJ, 720, L31
159. Schrubba, A, Leroy, A., **Walter, F.**, Sandstrom, K., Rosolowsky, E., 'The Scale Dependence of the Molecular Gas Depletion time in M33', 2010, ApJ, 722, 1699
158. Coppin, K. E. K.; Chapman, S. C.; Smail, Ian; Swinbank, A. M.; **Walter, F.**; Wardlow, J. L.; Weiss, A.; Alexander, D. M.; Brandt, W. N.; Dannerbauer, H.; De Breuck, C.; Dickinson, M.; Dunlop, J. S.; Edge, A. C.; Emonts, B. H. C.; Greve, T. R.; Huynh, M.; Ivison, R. J.; Knudsen, K. K.; Menten, K. M.; Schinnerer, E.; van der Werf, P. P., 'Detection of molecular gas in a distant submillimetre galaxy at $z = 4.76$ with Australia Telescope Compact Array', 2010, MNRAS, 407, L103
157. Bagetakos, I.; Brinks, E.; **Walter, F.**; de Blok, W. J. G.; Usero, A.; Leroy, A. K.; Rich, J. W.; Kennicutt, R. C., Jr, 'The Fine-Scale Structure of the neutral Interstellar Medium in nearby Galaxies', 2011, AJ, 141, 23
156. P.P. van der Werf, K.G. Isaak, R. Meijerink, M. Spaans, A. Rykala, T. Fulton, A.F. Loenen, **F. Walter**, A. Weiss, L. Armus, J. Fischer, F.P. Israel, A.I. Harris, S. Veilleux, C. Henkel, G. Savini, S. Lord, H.A. Smith, E. Gonzalez-Alfonso, D. Naylor, S. Aalto, V. Charmandaris, K.M. Dasyra, A. Evans, Y. Gao, T. Greve, R. Güsten, C. Kramer, J. Martin-Pintado, J. Mazzarella, P.P. Papadopoulos, D.B. Sanders, L. Spinoglio, G. Stacey, C. Vlahakis, M.C. Wiedner, E. Xilouris, 'Black hole accretion and star formation as drivers of gas excitation and chemistry in Mrk 231', A&A Letters, 518, 42
155. E. Gonzalez-Alfonso, J. Fischer, K. Isaak, A. Rykala, G. Savini, M. Spaans, P. van der Werf, R. Meijerink, F. P. Israel, A. F. Loenen, C. Vlahakis, H. A. Smith, V. Charmandaris, S. Aalto, C. Henkel, A. Weiss, **F. Walter**, T. Greve, L. Spinoglio, S. Veilleux, A. I. Harris, L. Armus, S. Lord, J. Mazzarella, E. M. Xilouris, D. B. Sanders, K. M. Dasyra, M. C. Wiedner, C. Kramer, P. P. Papadopoulos, G. J. Stacey, A. S. Evans, and Y. Gao, 'Herschel observations of water vapour in Markarian 231', A&A Letters, 518, 43

154. C. Leipski, K. Meisenheimer, U. Klaas, O. Krause, **F. Walter**, H. Dannerbauer, D. Hutsemekers, M. Haas, M. Nielbock, H.-W. Rix, X. Fan, D. Lemke, G. de Rosa, M.-A. Besel, C. Jean, M. Stickel, 'PACS photometry of two $z > 4$ Quasars', 2010, A&A Letters, 518, 34
153. C. W. Engelbracht, L. K. Hunt, R. A. Skibba, J. L. Hinz, D. Calzetti, K. D. Gordon, H. Roussel, A. F. Crocker, K. A. Misselt, A. D. Bolatto, R. C. Kennicutt, P. N. Appleton, L. Armus, P. Beirao, B. R. Brandl, K. V. Croxall, D. A. Dale, B. T. Draine, G. Dumas, A. Gil de Paz, B. Groves, C.-N. Hao, G. Helou, B. D. Johnson, J. Koda, O. Krause, A. K. Leroy, S. E. Meidt, E. J. Murphy, N. Rahman, H.-W. Rix, K. M. Sandstrom, M. Sauvage, E. Schinnerer, J.-D. T. Smith, S. Srinivasan, L. Vigroux, **F. Walter**, B. E. Warren, C. D. Wilson, M. G. Wolfire, S. Zibetti, 'Enhanced Dust Heating in the Bulges of Early-Type Spiral Galaxies', 2010, A&A Letters, 518, 56
152. K. Sandstrom, O. Krause, H. Linz, E. Schinnerer, G. Dumas, S. Meidt, H.-W. Rix, M. Sauvage, **F. Walter**, R. C. Kennicutt, D. Calzetti, P. Appleton, L. Armus, P. Beirao, A. Bolatto, B. Brandl, A. Crocker, K. Croxall, D. Dale, B. T. Draine, C. Engelbracht¹, A. Gil de Paz, K. Gordon, B. Groves, C.-N. Hao, G. Helou, J. Hinz, L. Hunt, B. D. Johnson, J. Koda, A. Leroy, E. J. Murphy, N. Rahman, H. Roussel, R. Skibba, J.-D. Smith, S. Srinivasan, L. Vigroux, B. E. Warren, C. D. Wilson, M. Wolfire, and S. Zibetti, 'Mapping Far-IR Emission from the Central Kiloparsec of NGC 1097', 2010, A&A, 518, 59
151. P. Beirao, L. Armus, P. N. Appleton, J.-D. T. Smith, K. V. Croxall, E. J. Murphy, D. A. Dale, G. Helou, R. C. Kennicutt, D. Calzetti, A. D. Bolatto, B. R. Brandl, A. F. Crocker, B. T. Draine, G. Dumas, C. W. Engelbracht, A. Gil de Paz, K. D. Gordon, B. Groves, C.-N. Hao, J. L. Hinz, L. K. Hunt, B. D. Johnson, J. Koda, O. Krause, A. K. Leroy, S. E. Meidt, J. Richer, H.-W. Rix, N. Rahman, H. Roussel, K. M. Sandstrom, M. Sauvage, E. Schinnerer, R. A. Skibba, S. Srinivasan, **F. Walter**, B. E. Warren, C. D. Wilson, M. G. Wolfire, S. Zibetti, 'Far-Infrared Line Imaging of the Starburst Ring in NGC 1097 with the Herschel/PACS Spectrometer', 2010, A&A, 518, 60
150. Biggs, A.D., Ivison, R.J., Ibar, E., Wardlow, J.L., Dannerbauer, H., Smail, I., **Walter, F.**, Weiss, A., Chapman, S.C., Coppin, K.E.K., De Breuck, C., Dickinson, M. Knudsen, K.K., Mainieri, V., Menten, K., C. Papovich, C., 2011, MNRAS, 413, 2314
149. Aravena, M., Carilli, C., Daddi, E., Wagg, J., **Walter, F.**, Riechers, D., Dannerbauer, H., Morrison, G., Stern, D., M. Krips, M., 'Cold molecular gas in massive, star-forming disk galaxies at $z = 1.5$ ', 2010, ApJ, 718, 177
148. C. Henkel, D. Downes, A. Weiss, D. Riechers, **F. Walter**, 'Weak ^{13}CO in the Cloverleaf Quasar: evidence for a young, early generation starburst', 2010, A&A, 516, 111
147. Daddi, E.; Elbaz, D.; **Walter, F.**; Bournaud, F.; Salmi, F.; Carilli, C.; Dannerbauer, H.; Dickinson, M.; Monaco, P.; Riechers, D., 'Different Star Formation Laws for Disks Versus Starbursts at Low and High Redshifts', 2010, ApJL, 714, L118
146. Jiang, L.; Fan, X.; Brandt, W. N.; Carilli, C. L.; Egami, E.; Hines, D. C.; Kurk, J. D.; Richards, G. T.; Shen, Y.; Strauss, M. A.; Vestergaard, M.; **Walter, F.**, 'Dust-free quasars in the early Universe', 2010, Nature, 464, 380
145. Daddi, E.; Bournaud, F.; **Walter, F.**; Dannerbauer, H.; Carilli, C.; Dickinson, M.; Elbaz, D.; Morrison, G. E.; Riechers, D.; Onodera, M.; Salmi, F.; Krips, M.; Stern, D., 'Very High Gas Fractions and Extended Gas Reservoirs in $z=1.5$ Disk Galaxies', 2010, ApJ, 713, 686

144. D. Lutz, V. Mainieri, D. Rafferty, L. Shao, G. Hasinger, A. Weiss, **F. Walter**, I. Smail, D.M. Alexander, W.N. Brandt, S. Chapman, K. Coppin, N.M. Forster Schreiber, E. Gawiser, R. Genzel, T.R. Greve, R.J. Ivison, A.M. Koekemoer, P. Kurczynski, K.M. Menten, R. Nordon, P. Popesso, J.D. Silverman, J. Wardlow, Y.Q. Xue, 'A LABOCA survey of the Extended Chandra Deep Field South: Two modes of star formation in AGN hosts?', 2010, ApJ, 712, 1287
143. Greve, T. R.; Weiss, A.; **Walter, F.**; Smail, I.; Zheng, X. Z.; Knudsen, K. K.; Coppin, K. E. K.; Kovacs, A.; Bell, E. F.; de Breuck, C.; Dannerbauer, H.; Dickinson, M.; Gawiser, E.; Lutz, D.; Rix, H. -W.; Schinnerer, E.; Alexander, D.; Bertoldi, F.; Brandt, W. N.; Chapman, S. C.; Ivison, R. J.; Koekemoer, A. M.; Kreysa, E.; Kurczynski, P.; Menten, K.; Siringo, G.; Swinbank, M.; van der Werf, P., 'A LABOCA survey of the Extended Chandra Deep Field South - submillimeter properties of near-IR selected galaxies', 2010, ApJ, 719, 483
142. D. Calzetti, S.-Y. Wu, S. Hong, R. C. Kennicutt, J. C. Lee, D.A. Dale, C. W. Engelbracht, L. van Zee, B. T. Draine, C.-N. Hao, K. D. Gordon, J. Moustakas, E.J. Murphy, M. Regan, A. Begum, M. Block, J. Dalcanton, J. Funes, A. Gil de Paz, B. Johnson, S. Sakai, E. Skillman, **F. Walter**, D. Weisz, B. Williams, Y. Wu, "The Calibration of Monochromatic Far-Infrared Star Formation Rate Indicators", 2010, ApJ, 714, 1256
141. Carilli, C. L.; Wang, Ran; Fan, X.; **Walter, F.**; Kurk, J.; Riechers, D.; Wagg, J.; Hennawi, J.; Jiang, L.; Menten, K. M.; Bertoldi, F.; Strauss, Michael A.; Cox, P., 'Ionization Near Zones Associated with Quasars at $z\sim 6$ ', 2010, ApJ, 714, 834
140. Wardlow, J. L.; Smail, Ian; Coppin, K. E. K.; Alexander, D. M.; Brandt, W. N.; Danielson, A. L. R.; Luo, B.; Swinbank, A. M.; **Walter, F.**; Weiss, A.; Xue, Y. Q.; Zibetti, S.; Bertoldi, F.; Biggs, A. D.; Chapman, S. C.; Dannerbauer, H.; Dunlop, J. S.; Gawiser, E.; Ivison, R. J.; Knudsen, K. K.; Kovacs, A.; Lacey, C. G.; Menten, K. M.; Padilla, N.; Rix, H. -W.; van der Werf, P. P., 'The LABOCA survey of the Extended Chandra Deep Field South: A photometric redshift survey of submillimetre galaxies', 2011, MNRAS, 415, 1479
139. Wang, R.; Carilli, C. L.; Neri, R.; Riechers, D. A.; Wagg, J.; **Walter, F.**; Bertoldi, F.; Menten, K. M.; Omont, A.; Cox, P.; Fan, X., 'Molecular Gas in Redshift 6 Quasar Host Galaxies', ApJ, 2010, 714, 699
138. Chapin, E. L.; Chapman, S. C.; Coppin, K. E.; Devlin, M. J.; Dunlop, J. S.; Greve, T. R.; Halpern, M.; Hasselfield, M. F.; Hughes, D. H.; Ivison, R. J.; Marsden, G.; Moncelsi, L.; Netterfield, C. B.; Pascale, E.; Scott, D.; Smail, I.; Viero, M.; **Walter, F.**; Weiss, A.; van der Werf, P., 'A joint analysis of BLAST 250–500 μ m and LABOCA 870 μ m observations in the Extended Chandra Deep Field', 2011, MNRAS, 411, 505
137. Ivison, R. J.; Alexander, David M.; Biggs, Andy D.; Brandt, W. N.; Chapin, Edward L.; Coppin, Kristen E. K.; Devlin, Mark J.; Dickinson, Mark; Dunlop, James; Dye, Simon; Eales, Stephen A.; Frayer, David T.; Halpern, Mark; Hughes, David H.; Ibar, Edo; Kovacs, A.; Marsden, Gaelen; Moncelsi, L.; Netterfield, Calvin B.; Pascale, Enzo; Patanchon, Guillaume; Rafferty, D. A.; Rex, Marie; Schinnerer, Eva; Scott, Douglas; Semisch, C.; Smail, Ian; Swinbank, A. M.; Truch, Matthew D. P.; Tucker, Gregory S.; Viero, Marco P.; **Walter, F.**; Weiss, Axel; Wiebe, Donald V.; Xue, Y. Q., 'BLAST: the far-infrared/radio correlation in distant galaxies', 2010, MNRAS, 402, 245
136. Weiss, A.; Kovacs, A.; Coppin, K.; Greve, T. R.; **Walter, F.**; Smail, Ian; Dunlop, J. S.; Knudsen, K. K.; Alexander, D. M.; Bertoldi, F.; Brandt, W. N.; Chapman, S. C.; Cox, P.; Dannerbauer, H.;

- De Breuck, C.; Gawiser, E.; Ivison, R. J.; Lutz, D.; Menten, K. M.; Koekemoer, A. M.; Kreysa, E.; Kurczynski, P.; Rix, H.-W.; Schinnerer, E.; van der Werf, P. P., 'The Large Apex Bolometer Camera Survey of the Extended Chandra Deep Field South', *ApJ*, 2009, 707, 1201
135. Carilli, C. L.; Wang, Ran; Fan, X.; **Walter, F.**; Kurk, J.; Riechers, D.; Wagg, J.; Hennawi, J.; Jiang, L.; Menten, K. M.; Bertoldi, F.; Strauss, Michael A.; Cox, P., 'Ionization near-zones associated with quasars at $z \sim 6$ ', *ApJL*, 714, 834
134. Carilli, C. L.; Daddi, E.; Riechers, D.; **Walter, F.**; Weiss, A.; Dannerbauer, H.; Morrison, G. E.; Wagg, J.; Dave, Romeel; Elbaz, D.; Stern, D.; Dickinson, M.; Krips, M.; Aravena, M., 'Imaging the molecular gas in a submm galaxy at $z = 4.05$: cold mode accretion or a major merger?', *ApJ*, 714, 1407
133. Weiss, A.; Ivison, R. J.; Downes, D.; **Walter, F.**; Cirasuolo, M.; Menten, K. M., 'First redshift determination of an optically/UV faint submillimeter galaxy using CO emission lines', 2009, *ApJL*, 705, L45
132. Dunlop, J. S.; Ade, P. A. R.; Bock, J. J.; Chapin, E. L.; Cirasuolo, M.; Coppin, K. E. K.; Devlin, M. J.; Griffin, M.; Greve, T. R.; Gundersen, J. O.; Halpern, M.; Hargrave, P. C.; Hughes, D. H.; Ivison, R. J.; Klein, J.; Kovacs, A.; Marsden, G.; Maukopf, P.; Netterfield, C. B.; Olmi, L.; Pascale, E.; Patanchon, G.; Rex, M.; Scott, D.; Semisch, C.; Smail, I.; Targett, T. A.; Thomas, N.; Truch, M. D. P.; Tucker, C.; Tucker, G. S.; Viero, M. P.; **Walter, F.**; Wardlow, J. L.; Weiss, A.; Wiebe, D. V., 'The BLAST 250-micron selected galaxy population in GOODS-South', 2010, *MNRAS*, 408, 2022
131. Weisz, D., Skillman, E., Cannon, J., Dolphin, A., Kennicutt, R.C., Lee, J., **Walter, F.**, 'Does Stellar Feedback Create HI Holes? An HST/VLA Study of Holmberg II', 2009, *ApJ*, 704, 1538
130. Lee, J., Gil de Paz, A., Tremonti, C., Kennicutt, R.C., Salim, S., Bothwell, M., Calzetti, D., Dalcanton, J., Dale, D., Engelbracht, C., Funes, J.G., Johnson, B., Sakai, S., Skillman, E., van Zee, L., **Walter, F.**, Weisz, D. "Comparison of $H\alpha$ and UV Star Formation Rates in the Local Volume: Systematic Discrepancies for Dwarf Galaxies', 2009, *ApJ*, 705, 599
129. Kurk, J. D.; **Walter, F.**; Fan, X.; Jiang, L.; Jester, S.; Rix, H.-W.; Riechers, D. A., 'Near-Infrared Spectroscopy of SDSS J0303-0019: A Low-luminosity, High-Eddington-Ratio Quasar at $z \sim 6$ ', 2009, *ApJ*, 702, 833
128. Dale, D. A.; Cohen, S. A.; Johnson, L. C.; Schuster, M. D.; Calzetti, D.; Engelbracht, C. W.; Gil de Paz, A.; Kennicutt, R. C.; Lee, J. C.; Begum, A.; Block, M.; Dalcanton, J. J.; Funes, J. G.; Gordon, K. D.; Johnson, B. D.; Marble, A. R.; Sakai, S.; Skillman, E. D.; van Zee, L.; **Walter, F.**; Weisz, D. R.; Williams, B.; Wu, S. -Y.; Wu, Y., 'The Spitzer Local Volume Legacy: Survey Description and Infrared Photometry', 2009, *ApJ*, 703, 517
127. Riechers, D.A.; **Walter, F.**; Bertoldi, F.; Carilli, C.L.; Aravena, M.; Neri, R.; Cox, P.; Weiss, A.; Menten, K.M., 'Imaging Atomic and Highly Excited Molecular Gas in a $z=6.42$ Quasar Host Galaxy: Copious Fuel for an Eddington-Limited Starburst at the End of Cosmic Reionization', 2009, *ApJ*, 703, 1338
126. Daddi, E.; Dannerbauer, H.; Krips, M.; **Walter, F.**; Dickinson, M.; Elbaz, D.; Morrison, G. E., 'A CO Emission Line from the Optical and Near-IR Undetected Submillimeter Galaxy GN10', 2009, *ApJ*, 695, 176

125. Dannerbauer, H.; Daddi, E.; Riechers, D. A.; **Walter, F.**; Carilli, C. L.; Dickinson, M.; Elbaz, D.; Morrison, G. E., 'Low Milky-Way-Like Molecular Gas Excitation of Massive Disk Galaxies at $z \sim 1.5$ ', 2009, *ApJL*, 698, 17
124. Nesvadba, N. P. H.; Neri, R.; De Breuck, C.; Lehnert, M. D.; Downes, D.; **Walter, F.**; Omont, A.; Boulanger, F.; Seymour, N., 'CO line emission in the halo of a radio galaxy at $z = 2.6$ ', 2009, *MNRAS*, 395, 16
123. Coppin, K.; Smail, I.; Alexander, D.M.; Weiss, A.; **Walter, F.**; Swinbank, M.; Greve, T.; Kovacs, A.; De Breuck, C.; Dickinson, M.; Ibar, E.; Ivison, R.; Reddy, N.; Spinrad, H.; Stern, D.; Brandt, N.; Chapman, S.; Dannerbauer, H.; van Dokkum, P.; Dunlop, J.; Frayer, D.; Gawiser, E.; Geach, J.; Huynh, M.; Knudsen, K.; Koekemoer, A.; Lehmer, B.; Menten, K.; Papovich, C.; Rix, H.-W.; Schinnerer, E.; Wardlow, J.; van der Werf, P., 'A submillimetre galaxy at $z=4.76$ in the LABOCA survey of the Extended Chandra Deep Field South', 2009, *MNRAS*, 395, 1905
122. **Walter, F.**, Weiss, A., Riechers, D.A., Carilli, C.L., Bertoldi, F., Cox, P., 'A sensitive Search for [NII] in a $z=6.4$ Quasar Host Galaxy', 2009, *ApJ Letters*, 691, L1
121. Tamburro, D., Rix, H.-W., Leroy, A.K., Mac Low, M.-M., **Walter, F.**, Kennicutt, R.C., Jr., de Blok, W.J.G., 'What is Driving the HI Velocity Dispersion?', 2009, 137, 4424
120. **Walter, F.**, Riechers, D.A., Cox, P., Neri, R., Carilli, C., Bertoldi, F., Weiss, A., Maiolino, R., 'Imaging a Kiloparsec-Scale Hyper-Starburst in a Quasar Host at the End of Cosmic Reionization', 2009, *Nature*, 457, 699
119. Leroy, A.K., **Walter, F.**, Bigiel, F., Usero, A., Weiss, A., Brinks, E., de Blok, W.J.G., Kennicutt, R.C., Jr., Schuster, K., Kramer, C., Wiesemeyer, H.W., Roussel, H., 'HERACLES: The HERA CO-Line Extragalactic Survey', 2009, *AJ*, 137, 4670
118. Weisz, D.R.; Skillman, E.D.; Cannon, J.M.; **Walter, F.**; Brinks, E.; Ott, J.; Dolphin, A. E., 'Triggered Star Formation and the Creation of the Supergiant H I Shell in IC 2574', *ApJL*, 691, L59
117. Ao, Y., Weiss, A., Downes, D., **Walter, F.**, Henkel, C., Menten, K.M., 'The CO line SED and atomic carbon in IRAS F10214+4724', 2008, *A&A*, 391, 747
116. Weisz, D.R.; Skillman, E.D.; Cannon, J.M.; Dolphin, A.E.; Kennicutt, R.C., Jr.; Lee, J.; **Walter, F.**, 'The Recent Star Formation Histories of M81 Group Dwarf Irregular Galaxies', 2008, *ApJ*, 689, 160
115. Pasquali, A., Leroy, A., Rix, H.-W., **Walter, F.**, Herbst, T., Giallongo, E., Ragazzoni, R., Baruffolo, A., Speziali, R., Hill, J., Beccari, G., Bouche, N., Buschkamp, P., Kochanek, C., Skillman, E., Bechtold, J., 'The LBT Panoramic View on the Recent Star-Formation Activity in IC2574', 2008, *ApJ*, 687, 1004
114. Dong, H., Calzetti, D., Regan, M., Thilker, D., Bianchi, L., Meurer, G. R., **Walter, F.**, 'Spitzer Observations of Star Formation in the Extreme Outer Disk of M83 (NGC5236)', 2008, *AJ*, 136, 479
113. Bolatto, A. D., Leroy, A. K., Rosolowsky, E., **Walter, F.**, Blitz, L., 'The Resolved Properties of Extragalactic Giant Molecular Clouds', 2008, *ApJ*, 686, 948

112. Heithausen, A., Böttner, C., **Walter, F.**, 'Chemical and physical small-scale structure in a pre-stellar core', 2008, *A&A*, 488, 598
111. Riechers, D.A., **Walter, F.**, Brewer, B.J., Carilli, C.L., Lewis, G.F., Bertoldi, F., Cox, P., 'A Molecular Einstein Ring at $z=4.12$: Imaging the Dynamics of a Quasar Host Galaxy Trough a Cosmic Lens', 2008, *ApJ*, 686, 851
110. Leroy, A., **Walter, F.**, Bigiel, F., Brinks, E., de Blok, W.J.G., Madore, B., Thornley, M., 'Star Formation Recipes in THINGS, The HI Nearby Galaxy Survey', 2008, *AJ*, 136, 2782
109. Bigiel, F., Leroy, A., **Walter, F.**, Brinks, E., de Blok, W.J.G., Madore, B., Thornley, M., 'The Star Formation Law on Sub-Kiloparsec Scales', 2008, *AJ*, 136, 2782
108. **Walter, F.**, Brinks, E., de Blok, W.J.G., Bigiel, F., Kennicutt, R., Thornley, M., Leroy, A.K., 'THINGS: The HI Nearby Galaxy Survey', 2008, *AJ*, 136, 2563
107. Wang, R., Carilli, C., Bertoldi, F., **Walter, F.**, Menten, K.M., Omont, A., Cox, P., Strauss, M.A., Fan, X., Jiang, L., Wagg, J., 'Thermal Emission from Warm Dust in the Most Distant Quasars', 2008, *ApJ*, 687, 848
106. de Blok, W.J.G., **Walter, F.**, Brinks, E., Trachternach, C., Oh, S.-H., Kennicutt, R.C., 'High-resolution Rotation Curves and Galaxy Mass Models from THINGS', 2008, *AJ*, 136, 2720
105. Trachternach, C., de Blok, W.J.G., **Walter, F.**, Brinks, E., Kennicutt, R.C., 'Dynamical Centres and non-circular motions in THINGS galaxies: Implications for Dark Matter Halos', 2008, *AJ*, 136, 2720
104. Oh, S.-H., de Blok, W.J.G., **Walter, F.**, Brinks, E., Kennicutt, R., 'High-resolution dark matter density profiles of THINGS dwarf galaxies: Correcting for non-circular motions', 2008, 136, 2761
103. Zwaan, M., **Walter, F.**, Brinks, E., de Blok, W.J.G., Kennicutt, R.C., Ryan-Weber, E., 'Are the kinematics of DLAs in agreement with their arising in the gas disks of galaxies?', 2008, *AJ*, 136, 2886
102. Rich, J.W., de Blok, W.J.G., Cornwell, T.J., Brinks, E., **Walter, F.**, Bagetakos, I., Kennicutt, R.C., 'Multi-Scale CLEAN: A comparison of its performance against classical CLEAN in galaxies using THINGS', 2008, *AJ*, 136, 2897
101. Tamburro, D., Rix, H.-W., **Walter, F.**, Brinks, E., de Blok, W.J.G., Kennicutt, R.C., Mac Low, M.-M., 'Geometrically Derived Timescales for Star Formation in Spiral Galaxies', 2008, 136, 2872
100. Riechers, D., **Walter, F.**, Carilli, C.L., Bertoldi, F., Momjian, E., 'Formation of a Quasar Host Galaxy through a Wet Merger 1.4 Billion Years after the Big Bang', 2008, *ApJ Letters*, 686, L9
99. Riechers, D., **Walter, F.**, Carilli, C.L., Lewis, G.F., 'Imaging the molecular gas in a $z=3.9$ quasar host galaxy: a central, sub-kpc scale star formation reservoir in APM 08279+5255', 2009, *ApJ*, 690, 463
98. Dannerbauer, H., **Walter, F.**, Morrison, G., 'Interferometric detections of GOODS 850-5 at 1mm and 1.4 GHz', 2008, *ApJ Letters*, 673, L127

97. Wang, R., Wagg, J., Carilli, C., Benford, D., Dowell, D., Bertoldi, F., **Walter, F.**, Menten, K., Omont, A. Cox, P., Strauss, M., Fan, X., Jiang, L., 'Sharc-II 350 μ m Observations of Thermal Emission from Warm Dust in $z>5$ Quasars', 2008, AJ, 135, 1201
96. Riechers, D.A., **Walter, F.**, Carilli, C.L., Bertoldi, F., 'Observations of Dense Molecular Gas in a Quasar Host Galaxy at $z = 6.42$: Further Evidence for a Nonlinear Dense Gas-Star Formation Relation at Early Cosmic Times', 2007, ApJ Letters, 671, L13
95. Carilli, C., Neri, R., Wang, R., Cox, P., Bertoldi, F., **Walter, F.**, Fan, X., Menten, K., Wagg, J., Maiolino, R., Omont, A., Strauss, M., Riechers, D., Lo, K. Y., Bolatto, A., Scoville, N., 'Detection of $1.6 \times 10^{10} M_{\text{sun}}$ of molecular gas in the host galaxy of the $z=5.77$ SDSS quasar J0927+2001', ApJ Letters, 666, L9
94. Maiolino, R., Neri, R., Beelen, A., Bertoldi, F., Carilli, C. L., Caselli, P., Cox, P., Menten, K. M., Nagao, T., Omont, A., Walmsley, C. M., **Walter, F.**, Weiss, A., 'Molecular gas in QSO host galaxies at $z>5$ ', 2007, A&A Letters, 472, L33
93. Jiang, L., Fan, X., Vestergaard, M., Kurk, J.D., **Walter, F.**, Kelly, B.C., Strauss, M.A., 'Gemini Near-infrared Spectroscopy of Luminous z 6 Quasars: Chemical Abundances, Black Hole Masses, and MgII Absorption', 2007, AJ, 134, 1150
92. Kurk, J.D., **Walter, F.**, Fan, X., Jiang, L., Riechers, D.A., Rix, H.-W., Pentericci, L., Strauss, M.A., Carilli, C., Wagner, S., 'Black hole masses and enrichment of $z\sim 6$ SDSS quasars', 2007, ApJ, 669, 32
91. Knudsen, K.K., **Walter, F.**, Weiss, A., Bolatto, A., Riechers, D.A., Menten, K., 'New insights on the dense molecular gas in NGC253 as traced by HCN and HCO⁺'. 2007, ApJ, 666, 156
90. Kennicutt, R.C., Jr., Calzetti, D., **Walter, F.**, Helou, G., Hollenbach, D.J., Armus, L., Bendo, G., Dale, D.A., Draine, B.T., Engelbracht, C.W., Gordon, K.D., Prescott, M.K.M., Regan, M.W., Thornley, M.D., Bot, C., Brinks, E., de Blok, W.J.G., de Mello, D., Meyer, M., Moustakas, J., Murphy, E.J., Sheth, K., Smith, J.D.T., 'Star Formation in NGC 5194 (M51a). II. The Spatially-Resolved Star Formation Law', 2007, ApJ, 671, 333
89. Bendo, G.J., Calzetti, D., Engelbracht, C.W., Kennicutt, R.C., Meyer, M.J., Thornley, M.D., **Walter, F.**, Dale, D.A., Li, A., Murphy, E.J., 'Variations in 24 micron morphologies among galaxies in the Spitzer Infrared Nearby Galaxies Survey: New insights into the Hubble sequence', 2007, MNRAS, 380, 1313
88. Roussel, H, Helou, G., Hollenbach, D.J., Draine, B.T., Smith, J.D., Armus, L., Schinnerer, E., **Walter, F.**, Engelbracht, C.W., Thornley, M.D., Kennicutt, R.C., Calzetti, D., Dale, D.A., Murphy, E.J., Bot, C., 'Warm molecular hydrogen in the Spitzer SINGS galaxy sample', 2007, ApJS, 669, 959
87. Momjian, E., Carilli, C. L., Riechers, D. A., **Walter, F.**, 'High Sensitivity Array Observations of the $z=4.4$ QSO BRI 1335-0417', 2007, AJ, 134, 694
86. Weiss, A., Downes, D., Neri, R., **Walter, F.**, Henkel, C., Wilner, D. J., Wagg, J., Wiklind, T., 'Highly-excited CO emission in APM 08279+5255 at $z = 3.9$ ', 2007, A&A, 467, 955

85. Bournaud, F., Duc, P.-A., Brinks, E., Boquien, M., Amram, P., Lisenfeld, U., Koribalski, B., **Walter, F.**, Charmandaris, V., 'Missing Mass in Collisional Debris from Galaxies', 2007, *Science*, 316, 1166
84. Calzetti, D., Kennicutt, R. C., Engelbracht, C. W., Leitherer, C., Draine, B. T., Kewley, L., Moustakas, J., Sosey, M., Dale, D. A., Gordon, K. D., Helou, G. X., Hollenbach, D. J., Armus, L., Bendo, G., Bot, C., Buckalew, B., Jarrett, T., Li, A., Meyer, M., Murphy, E. J., Prescott, M., Regan, M. W., Rieke, G. H., Roussel, H., Sheth, K., Smith, J. D. T., Thornley, M. D., **Walter, F.**, 'The Calibration of Mid-Infrared Star Formation Rate Indicators', *ApJ*, 666, 870
83. Leroy, A., Cannon, J., **Walter, F.**, Bolatto, A., Weiss, A., 'The Low CO Content of the Extremely Metal Poor Galaxy I Zw 18', 2007, *ApJ*, 663, 990
82. Draine, B. T., Dale, D. A., Bendo, G., Gordon, K. D., Smith, J. D. T., Armus, L., Engelbracht, C. W., Helou, G., Kennicutt, R. C., Li, A., Roussel, H., **Walter, F.**, Calzetti, D., Moustakas, J., Murphy, E. J., Rieke, G. H., Bot, C., Hollenbach, D. J., Sheth, K., Teplitz, H.I., 'Dust Masses, PAH Abundances, and Starlight Intensities in the SINGS Galaxy Sample', 2007, *ApJ*, 663, 866
81. Wang, R., Carilli, C., Beelen, A., Bertoldi, F., Fan, X., **Walter, F.**, Menten, K., Omont, A., Cox, P., Strauss, M., Jiang, L., 'Millimeter and Radio Observations of $z \sim 6$ Quasars', 2007, *AJ*, 134, 617
80. **Walter, F.**, Cannon, J., Roussel, H., Bendo, G., Calzetti, D., Dale, D., Draine, B., Helou, G., Kennicutt, R., Engelbracht, C., Hollenbach, D., Lee, J., Li, A., Meyer, M., Moustakas, J., Murphy, E., Regan, M., Rieke, G., Smith, J.D., Brinks, E., de Blok, W.J.G., Bigiel, F., Thornley, M., 'Dust and Atomic Gas in Dwarf Irregular Galaxies of the M81 Group: The SINGS and THINGS view', 2007, *ApJ*, 661, 102
79. Riechers, D., **Walter, F.**, Cox, P., Carilli, C., Bertoldi, F., Weiss, A., 'Detection of emission from the CN radical towards the Cloverleaf Quasar at $z=2.56$ ', 2007, *ApJ*, 666, 778
78. Thilker, D.A., Boissier, S., Bianchi, L., Calzetti, D., Boselli, A., Dale, D.A., Seibert, M., Braun, R., Burgarella, D., Gil de Paz, A., Helou, G., **Walter, F.**, Kennicutt, R.C., Madore, B.F., Martin, D.C., Barlow, T.A., Forster, K., Friedman, P.G., Morrissey, P., Neff, S.G., Schiminovich, D., Small, T., Wyder, T.K., Donas, J., Heckman, T.M., Lee, Y.-W., Milliard, B., Rich, R.M., Szalay, A.S., Welsh, B.Y., Yi, S.K., 'Ultraviolet and Infrared Diagnostics of Star Formation and Dust in NGC 7331', *ApJS*, 173, 572
77. Dale, D.A., Gil de Paz, A., Gordon, K.D., Hanson, H.M., Armus, L., Bendo, G.J., Bianchi, L., Block, M., Boissier, S., Boselli, A., Buckalew, B.A., Buat, V., Burgarella, D., Calzetti, D., Cannon, J.M., Engelbracht, C.W., Helou, G., Hollenbach, D.J., Jarrett, T.H., Kennicutt, R.C., Leitherer, C., Li, A., Madore, B.F., Meyer, M.J., Murphy, E.J., Regan, M.W., Roussel, H., Smith, J.D.T., Sosey, M.L., Thilker, D.A., **Walter, F.**, 'An Ultraviolet-to-Radio Broadband Spectral Atlas of Nearby Galaxies', 2007, *ApJ*, 655, 863
76. Smith, J.D.T., Draine, B.T., Dale, D.A., Moustakas, J., Kennicutt, R.C., Jr., Helou, G., Armus, L., Roussel, H., Sheth, K., Bendo, G.J., Buckalew, B.A., Engelbracht, D.Calzetti C.W., Gordon, K.D., Hollenbach, D.J., Li, A., Malhotra, S., Murphy, E.J., **Walter, F.**, 'The Mid-Infrared Spectrum of Star-Forming Galaxies: Global Properties of PAH Emission', 2007, *ApJ*, 656, 770
75. Tan, J., Beuther, H., **Walter, F.**, Blackman, E., 'A Search for Molecular Gas in the Nucleus of M87 and Implications for the Fueling of Supermassive Black Holes', 2008, *ApJ*, 689, 160

74. Combes, F., Garcia-Burillo, S., Braine, J., Schinnerer, E., **Walter, F.**, Colina, L., Gerin, M., 'High resolution observations of a starburst at $z = 0.223$: resolved CO(1-0) structure', 2006, *A&A*, 460, 49
73. **Walter, F.**, Martin, C.L., Ott, J., 'Extended Star Formation and Molecular Gas in the Tidal Arms near NGC 3077', 2006, *AJ*, 132, 2289
72. Jiang, L., Fan, X., Hines, D.C., Shi, Y., Vestergaard, M., Bertoldi, F., Brandt, W.N., Carilli, C.L., Cox, P., Le Floch, E., Pentericci, L., Richards, G.T., Rieke, G.H., Schneider, D.P., Strauss, M.A., **Walter, F.**, Brinkmann, J., 'Probing the Evolution of IR Properties of $z \sim 6$ Quasars: Spitzer Observations', 2006, *AJ*, 132, 2127
71. Riechers, D.A., **Walter, F.**, Carilli, C.L., Knudsen, K.K., Lo, K.Y., Benford, D.J., Staguhn, J. G., Hunter, T.R., Bertoldi, F., Henkel, C., Menten, K. M., Weiss, A., Yun, M.S., Scoville, N.Z., 'CO(1-0) in $z > \sim 4$ Quasar Host Galaxies: No Evidence for Extended Molecular Gas Reservoirs', 2006, *ApJ*, 650, 604
70. Murphy, E.J., Helou, G., Braun, R., Kenney, J.D.P., Armus, L., Calzetti, D., Draine, B.T., Kennicutt, R.C., Jr., Roussel, H., **Walter, F.**, Bendo, G.J., Buckalew, B., Dale, D.A., Engelbracht, C.W., Smith, J.D.T., Thornley, M.D., 'The Effect of Star Formation on the Far-Infrared–Radio Correlation within Galaxies', 2006, *ApJ*, 651, 111
69. De Rijcke, S., Buyle, P., Cannon, J., **Walter, F.**, Lundgren, A., Michielsen, D., Dejonghe, H., 'APEX CO(3-2) observations of NGC6822', 2006, *A&A Letters*, 454, L111
68. Cannon, J.M., **Walter, F.**, Armus, L., Bendo, G.J., Calzetti, D., Draine, B.T., Engelbracht, C.W., Helou, G., Kennicutt, R.C.Jr., Leitherer, C., Roussel, H., Bot, C., Buckalew, B., Dale, D.A., de Blok, W.J.G., Gordon, K.D., Hollenbach, D.J., Jarrett, T.H., Meyer, M.J., Murphy, E.J., Sheth, K., Thornley, M.D., 'The Nature of Infrared Emission in the Local Group Dwarf Galaxy NGC 6822 as Revealed by Spitzer', 2006, *ApJ*, 652, 1170
67. Riechers, D.A., Weiss, A., **Walter, F.**, Carilli, C.L., Knudsen, K.K., 'A Search for H₂O in the Strongly Lensed QSO MG 0751+2716 at $z=3.2$ ', 2006, *ApJ*, 649, 635
66. Riechers, D.A., **Walter, F.**, Carilli, C.L., Weiss, A., Bertoldi, F., Menten, K. M., Knudsen, K.K., Cox, P., 'First Detection of HCO⁺ Emission at High Redshift', 2006, *ApJ*, 645, L13
65. Dale, D.A., Smith, J.D.T., Armus, L., Buckalew, B.A., Helou, G., Kennicutt, R.C., Jr., Moustakas, J., Roussel, H., Sheth, K., Bendo, G.J., Calzetti, D., Draine, B.T., Engelbracht, C.W., Gordon, K.D., Hollenbach, D.J., Jarrett, T.H., Kewley, L.J., Leitherer, C., Li, A., Malhotra, S., Murphy, E.J., **Walter, F.**, 'Mid-Infrared Spectral Diagnostics of Nuclear and Extra-Nuclear Regions in Nearby Galaxies', 2006, *ApJ*, 646, 161
64. Cannon, J.M., Smith, J.-D.T., **Walter, F.**, Bendo, G.J., Calzetti, D., Dale, D.A., Draine, B.T., Engelbracht, C.W., Gordon, K.D., Helou, G., Kennicutt, R.C., Jr., Leitherer, C., Armus, L., Buckalew, B.A., Hollenbach, D.J., Jarrett, T.H., Li, A., Meyer, M.J., Murphy, E.J., Regan, M.W., Rieke, G.H., Rieke, M.J., Roussel, H., Sheth, K., Thornley, M.D., 'Warm Dust and Spatially Variable PAH Emission in the Dwarf Starburst Galaxy NGC 1705', *ApJ*, 647, 293

63. Roussel, H., Helou, G., Smith, J.D., Draine, B.T., Hollenbach, D.J., Moustakas, J., Spoon, H.W., Kennicutt, R.C., Rieke, G.H., **Walter, F.**, Armus, L., Dale, D.A., Sheth, K., Bendo, G.J., Engelbracht, C.W., Gordon, K.D., Meyer, M.J., Regan, M.W., Murphy, E.J., 'The opaque nascent starburst in NGC 1377: Spitzer SINGS observations', ApJ, 2006, 646, 841
62. Engelbracht, C.W., Kundurthy, P., Gordon, K.D., Rieke, G.H., Kennicutt, R.C., Smith, J.-D.T., Regan, M.W., Makovoz, D., Sosey, M., Draine, B.T., Helou, G., Armus, L., Calzetti, D., Meyer, M., Bendo, G.J., **Walter, F.**, Hollenbach, D., Cannon, J.M., Murphy, E.J., Dale, D.A., Buckalew, B.A., Sheth, K., 'Extended Mid-Infrared Aromatic Feature Emission in M 82', 2006, ApJL, 642, L127
61. Bendo, G.J., Buckalew, B.A., Dale, D.A., Draine, B.T., Joseph, R.D., Kennicutt, R.C., Jr., Sheth, K., Smith, J.-D.T., **Walter, F.**, Calzetti, D., Cannon, J.M., Engelbracht, C.W., Gordon, K.D., Helou, G., Hollenbach, D., Murphy, E.J., Roussel, H., 'Spitzer and JCMT Observations of the Active Galactic Nucleus in the Sombrero Galaxy (NGC 4594)', 2006, ApJ, 645, 134
60. Leroy, A., Bolatto, A.D., **Walter, F.**, Blitz, L., 'Molecular Gas in the Low Metallicity, Star Forming Dwarf IC 10', 2006, ApJ, 643, 825,
59. de Blok, **Walter, F.**, 'The Star Formation Threshold in NGC 6822', 2006, AJ, 131,370
58. de Blok, **Walter, F.**, 'The stellar population and interstellar medium in NGC 6822', 2006, AJ, 131,343
57. Murphy, E.J., Braun, R., Helou, G., Armus, L., Kenney, J.D.P., Gordon, K.D., Bendo, G.J., Dale, D.A., **Walter, F.**, Oosterloo, T.A., Kennicutt, R.C., Calzetti, D., Cannon, J.M., Draine, B.T., Engelbracht, C.W., Hollenbach, D.J., Jarrett, T.H., Kewley, L.J., Leitherer, C., Li, A., Meyer, M.J., Regan, M.W., Rieke, G.H., Rieke, M.J., Roussel, H., Sheth, K., Smith, J.D.T., Thornley, M.D., 'An Initial Look at the Far Infrared-Radio Correlation within Nearby Star-forming Galaxies using the Spitzer Space Telescope', 2006, ApJ, 638, 157
56. Cannon, J.M., **Walter, F.**, Bendo, G., Calzetti, D., Dale, D.D., Draine, B., Engelbracht, C.W., Gordon, K.D., Helou, G., Kennicutt, R.C., Murphy, E., Thornley, M.D., Armus, L., Hollenbach, D.J., Leitherer, C., Regan, M., Roussel, H., Sheth, K., 'Spitzer Observations of the Supergiant Shell Region in IC 2574', 2005, ApJL, 630, L37
55. Weiss, A., Downes, D., **Walter, F.**, Henkel, C., 'Multiple CO lines in SMM16359+6612 - Further evidence for a merger', 2005, A&A Letters, 440, L51
54. Maiolino, R., Cox, P., Caselli, P., Beelen, A., Bertoldi, F., Carilli, C.L., Kaufmann, M.J., Menten, K.M., Nagao, T., Omont, A., Weiss, A., Walmsley, M., **Walter, F.**, 'First detection of [CII]158 micron at high redshift: vigorous star formation in the early universe', 2005, A&A Letters, 440, L51
53. Calzetti, D., Kennicutt, R.C., Bianchi, L., Thilker, D.A., Dale, D.A., Engelbracht, C.W., Leitherer, C., Meyer, M.J., Sosey, M.L., Mutchler, M., Regan, M.W., Thornley, M.D., Armus, L., Bendo, G.J., Boissier, S., Boselli, A., Draine, B.T., Gordon, K.D., Helou, G., Hollenbach, D.J., Kewley, L., Madore, B.F., Martin, D.C., Murphy, E.J., Rieke, G.H., Rieke, M.J., Roussel, H., Sheth, K., Smith, J.D., **Walter, F.**, White, B.A., Yi, S., Scoville, N.Z., Polletta, M., Lindler, D., 'Star Formation in NGC5194 (M51a): The Panchromatic View from GALEX to Spitzer', 2005, ApJ, 633,871

52. Dale, D.A., Bendo, G.J., Engelbracht, C.W., Gordon, K.D., Regan, M.W., Armus, L., Cannon, J.M., Calzetti, D., Draine, B.T., Helou, G., Joseph, R.D., Kennicutt, R.C., Li, A., Murphy, E.J., Roussel, H., **Walter, F.**, Hanson, H.M., Hollenbach, D.J., Jarrett, T.H., Kewley, L.J., Lamanna, C.A., Leitherer, C., Meyer, M.J., Rieke, G.H., Rieke, M.J., Sheth, K., Smith, J.D.T., Thornley, M.D., 'Infrared Spectral Energy Distributions of Nearby Galaxies', 2005, ApJ, 633, 857
51. **Walter, F.**, Skillman, E., Brinks, E., 'VLA Imaging of the Intriguing HI Cloud HIJASS J1021+6842 in the M81 Group', 2005, ApJL, 62, L105
50. Gentile, G., Burkert, A., Salucci, P., Klein, U., **Walter, F.**, 'The dwarf galaxy DDO 47 as a dark matter laboratory: testing cusps hiding in triaxial halos and the MOND paradigm', 2005, ApJL, 634, L145
49. Ott, J., Weiss, A., Henkel, C., **Walter, F.**, 'The Temperature Distribution of Dense Molecular Gas in the Center of NGC 253', 2005, ApJ, 440, L45
48. Weiss, A., **Walter, F.**, Scoville, N.Z., 'The Spectral Energy Distribution of CO lines in M82' 2005, A&A, 438, 533
47. Mauerhan, J.C., Morris, M., **Walter, F.**, Baganoff, F.K., 'Intraday Variability of Sagittarius A* at 3 Millimeters', 2005, ApJL, 623, L25
46. Ott, J., **Walter, F.**, Brinks, E., 'A Chandra X-ray survey of nearby dwarf starburst galaxies: I. Data reduction and analysis', 2005, MNRAS, 269
45. Ott, J., **Walter, F.**, Brinks, E., 'A Chandra X-ray survey of nearby dwarf starburst galaxies: II. Starburst properties and outflows', 2005, MNRAS, 268
44. Cannon, J.M., **Walter, F.**, Skillman, E.D., vanZee, L., 'The Nature of Radio Continuum Emission at Very Low Metallicity: Very Large Array Observations of I Zw 18', 2005, ApJL, 621, L21
43. Carilli, C.L., Solomon, P., Vanden Bout, P., **Walter, F.**, Beelen, A., Cox, P., Bertoldi, F., Menten, K., Isaak, K.G., Chandler, C.J., Omont, A., 'A Search for Dense Molecular Gas in High Redshift Infrared-Luminous Galaxies', 2005, ApJ, 618, 586
42. Weiss, A., Downes, D., Henkel, C., **Walter, F.**, 'Atomic carbon at redshift $z \sim 2.5$ ', 2005, A&A, 429, 25
41. **Walter, F.**, Carilli, C., Bertoldi, F., Menten, K., Cox, P., Lo, K.Y., Fan, X., Strauss, M.A., 'Resolved Molecular Gas in a Quasar Host Galaxy at Redshift $z=6.42$ ', 2004, ApJL, 615, L17
40. Carilli, C.L., **Walter, F.**, Bertoldi, F., Menten, K., Fan, X., Lewis, G.F., Strauss, M.A., Cox, P., Beelen, A., Omont, A., Mohan, N., 'Radio Continuum imaging of FIR luminous QSOs at $z > 6$ ', 2004, AJ, 128, 997
39. Gordon, K.D., Perez-Gonzalez, P.G., Misselt, K.A., Murphy, E.J., Bendo, G.J., **Walter, F.**, Thornley, M.D., Kennicutt, R.C., Rieke, G.H., Engelbracht, C.W., Smith, J.-D.T., Alonso-Herrero, A., Appleton, P.N., Calzetti, D., Dale, D.A., Draine, B.T., Frayer, D.T., Helou, G., Stolovy, S.R., Storrie-Lombardi, L.J., Su, K.Y.L., Young, E.T., 'Spatially resolved ultraviolet, H α , Infrared and Radio Star Formation in M81', 2004, ApJS, 154, 215

38. Regan, M.W., Thornley, M.D., Bendo, G., Draine, B.T., Li, A., Dale, D.A., Engelbracht, C.W., Kennicutt, R.C., Armus, L., Calzetti, D., Gordon, K.D., Helou, G., Hollenbach, D.J., Jarrett, T.H., Kewley, L.J., Leitherer, C., Malhotra, S., Meyer, M., Misselt, K.A., Morrison, J.E., Muzerolle, J., Rieke, G.H., Rieke, M.J., Roussel, H., Smith, J.-D.T., **Walter, F.**, 'SINGS Imaging of NGC7331: A Panchromatic View of a Ringed Galaxy', 2004, ApJS, 154, 204
37. Smith, J.D.T., Dale, D.A., Armus, L., Draine, B.T., Hollenbach, D.J., Roussel, H., Helou, G., Kennicutt, R.C., Li, A., Bendo, G., Calzetti, D., Engelbracht, C.W., Gordon, K.D., Jarrett, T.H., Kewley, L., Leitherer, C., Malhotra, S., Regan, M., Rieke, Thornley, M.D., **Walter, F.**, Wolfire, M.G., 'Mid-Infrared IRS Spectroscopy of NGC 7331: A First Look at the Spitzer Infrared Nearby Galaxies Survey (SINGS) Legacy'.2004, ApJS, 154, 199
36. **Walter, F.**, Dahlem, M., Lisenfeld, U., "The Superwind Galaxy NGC4666: Gravitational Interactions and the Influence of the Resulting Starburst on the ISM.", 2004, ApJ, 606, 258
35. Bravo-Alfaro, H., Brinks, E., Baker, A., **Walter, F.**, Kunth, D., 'HI and CO in Blue Compact Dwarf Galaxies: Haro 2 and Haro 4', 2004, AJ, 127, 264
34. **Walter, F.**, Carilli, C., Bertoldi, F., Cox, P., Lo, K.Y., Fan, X., Omont, A., Strauss, M.A., Menten, K., 'Molecular gas in the host galaxy of a quasar at redshift $z = 6.42$ ', 2003, Nature 424, 406 - 408
33. Bertoldi, F., Cox, P., Carilli, C., **Walter, F.**, Omont, A., Beelen, A., Henkel, C., Fan, X., Strauss, M.A., Menten, K., 'High-excitation CO in a quasar host galaxy at $z=6.42$ ', 2003, A&A Letters, 409, 47
32. Weiss, A., Henkel, C., Downes, D., **Walter, F.**, 'Gas and Dust in the Cloverleaf Quasar at Redshift 2.5', A&A Letters, 409, 41
31. Sheth, K., Frail, D.A., White, S., Das, M., Bertoldi, F., **Walter, F.**, Kulkarni, S.R., Berger, E., 'Millimeter Observations of GRB 030329: Continued Evidence for a Two-Component Jet', 2003, ApJ Letter, 59, 33
30. Kennicutt, R.C., Armus, L., Bendo, G., Calzetti, D., Dale, D.A., Draine, B.T., Engelbracht, C.W., Gordon, K.D., Grauer, A.D., Helou, G., Hollenbach, D.J., Jarrett, T.H., Kewley, L.J., Leitherer, C., Li, A., Malhotra, S., Regan, M.W., Rieke, G.H., Rieke, M.J., Roussel, H., Smith, J.-D.T., Thornley, M.D., **Walter, F.**, 'SINGS: The SIRTf Nearby Galaxy Survey', 2003, PASP, 115, 928
29. de Blok, W.J.G.& **Walter, F.**, 'Young Stars in the Outer HI Disc of NGC 6822', 2003, MNRAS, 341, L39
28. Weldrake, D.T.F., de Blok, W.J.G.& **Walter, F.**, 'A High-Resolution Rotation Curve of NGC 6822: A Test-case for Cold Dark Matter', 2003, MNRAS, 340, 12
27. Yost, S.A., Frail, D.A., Harrison, F.A., Sari, R., Reichart, D., Bloom, J.S., Kulkarni, S.R., Moriarty-Schieven, G.H., Djorgovski, S.G., Price, P.A., Goodrich, R.W., Larkin, J.E., **Walter, F.**, Shepherd, D.S., Fox, D.W., Taylor, G.B., Berger, E., Galama, T.J., 'The Broadband Afterglow of GRB 980329', 2002, ApJ, 577, 155.
26. Salucci, P., **Walter, F.** & Borriello, A. 'Lambda CDM and the Distribution of Dark Matter in Galaxies: A Constant-Density Halo around DDO47', 2003, A&A, 409, 53

25. Ott, J., Martin, C., & **Walter, F.**, 'Chandra Observations of Expanding Shells in the Dwarf Starburst Galaxy NGC 3077', 2002, ApJ, 594, 776
24. Yost, S.A., Frail, D.A., Harrison, F.A., Sari, R., Reichart, D., Bloom, J.S., Kulkarni, S.R., Moriarty-Schieven, G.H., Djorgovski, S.G., Price, P.A., Goodrich, R.W., Larkin, J.E., **Walter, F.**, Shepherd, D.S., Fox, D.W., Taylor, G.B., Berger, E., Galama, T.J., 'The Broadband Afterglow of GRB 980329', 2002, ApJ, 577, 155.
23. **Walter, F.**, Weiss, A., Scoville, N., "Molecular Gas in M82: Resolving the Outflow and Streamers", 2002, ApJ Letters, 580, L21
22. Kerp, J., **Walter, F.**, Brinks, E., 'ROSAT X-ray observations of the Dwarf Galaxy Holmberg II', 2002, ApJ, 571, 809
21. Frail, D.A., Bertoldi, F., Moriarty-Schieven, G.H., Berger, E., Price, P.a., Bloom, J.S., Sari, R., Kulkarni, S.R., Gerardt, C.L., Reichart, D.E., Djorgovski, S.G., Galama, T.J., Harrison, F.A., **Walter, F.**, Shepherd, D.S., Halpern, J., Peck, A., Menten, K., Yost, S.A., Fox, D.W., 'GRB010222: A Burst Within a Starburst', 2002, ApJ, 565, 829
20. **Walter, F.**, Weiss, A., Martin, C., & Scoville, N., 'The Interacting Dwarf Galaxy NGC3077: The Interplay of Atomic and Molecular Gas with Violent Star Formation', 2002, AJ, 123, 225
19. Taylor, C.L., **Walter, F.**, Yun, M., "Discovery of Molecular Gas in the Outflow and Tidal Arms around M82", 2001, ApJ, Letters, 562, L43
18. Baganoff, F.K., Bautz, M.W., Brandt, W.N., Chartas, G., Feigelson, E.D., Garmire, G.P., Maeda, Y., Morris, M., Ricker, G.R., Townsley, L.K., & **Walter, F.**, 'Extreme X-ray variability of Sagittarius A*, the supermassive black hole at the centre of the Milky Way', 2001, Nature, 413, 45
17. Harrison, F.A., Yost, S.A., Sari, R., Berger, E., Galama, T.J., Holtzmann, J., Axelrod, T., Bloom, J.S., Chevalier, R., Costa, E., Diercks, A., Djorgovski, S.G., Frail, D.A., Frontera, F., Hurley, K., Kulkarni, S.R., McCarthy, P., Piro, L., Pooley, G.G., Price, P.A., Reichart, D., Ricker, G.R., Shepard, D., Schmidt, B., **Walter, F.**, & Wheeler, C. 'Broadband Observations of the Afterglow of GRB 000926: Observing the Effect of Inverse Compton Scattering and Evidence for a High-Density Environment', 2001, ApJ, 559, 123
16. **Walter, F.**, Taylor, C.L., Hüttemeister, S., Scoville, N., & McIntyre, V., 'The Interaction between the ISM and Star Formation in the Dwarf Starburst Galaxy NGC4214', 2001, AJ, 121, 727
15. Ott, J., **Walter, F.**, Brinks, E., vanDyk, S., Dirsch, B. & Klein, U., 'Evidence for Blow-Out in the Low-Mass Dwarf Galaxy Holmberg I', 2001, AJ, 122, 3070
14. **Walter, F.**, & Brinks, E., 'The neutral interstellar medium of the Dwarf Irregular Galaxy DDO 47 and its Companion', 2001, AJ, 121, 3026
13. Galama, T.J., Bremer, M., Bertoldi, F., Menten, K., Shepherd, D.S., Mason, B., **Walter, F.**, Pooley, G.G., Frail, D.A., Sari, R., Kulkarni, S.R., Berger, E., Castro-Tirado, A.J., Granot, J., Bloom, J., & Djorgovski, G., 'The Bright Gamma Ray Burst 991208: Tight constraints on Afterglow Models from Observations of the early-time radio evolution', 2000, ApJ Letters, 541, L45
12. de Blok, W.J.G., & **Walter, F.**, 'Evidence for Tidal Interaction and a Supergiant HI Shell in the Local Group Dwarf Galaxy NGC 6822', 2000, ApJ Letters, 537, 95

11. Stewart, S.G., & **Walter, F.**, 'FUV Observations of the Powering Source of the Supergiant Shell in IC2574, 2000, AJ, 120, 1794
10. Heithausen, A., & **Walter, F.** 'Extensive molecular gas in the tidal arms around NGC 3077 - Birth of a dwarf galaxy?', 2000 A&A, 361, 500
9. **Walter, F.**, 'The Violent Interstellar Medium of Dwarf Irregular Galaxies', 2000, PASP, 112, 119
8. Frail, D.A., Berger, E., Galama, T., Kulkarni, S.R., Moriart-Schieven, G.H., Pooley, G.G., Sari, R., Shepherd, D.S., Taylor, G.B., **Walter, F.**, 'The Enigmatic Radio Afterglow of GRB991216', 2000, ApJ, 538, 129
7. **Walter, F.**, & Brinks, E., 'Holes and Shells in the Interstellar Medium of the Nearby Dwarf Galaxy IC 2574', 1999, AJ, 118, 273
6. **Walter, F.**, & Heithausen, A., 'The Discovery of a Molecular Complex in the Tidal Arms near NGC 3077', 1999, ApJ Letters, 519, 69L
5. Weiss, A., **Walter, F.**, Neininger, N., & Klein, U., 'Evidence for an Expanding Molecular Superbubble in M 82', 1999, A&A Letters, 345, L23
4. Castro-Tirado et al., 'Decay of the GRB990123 Optical Afterglow: Implications for the Fireball Model', 1999, Science, 283, 2069
3. **Walter, F.**, 'The Violent Interstellar Medium of Nearby Dwarf Galaxies', 1999, PASA, 16,1
2. **Walter, F.**, Kerp, J., Duric, N., Brinks, E., & Klein, U., 'X-ray emission from an expanding supergiant shell in IC 2574', 1998, ApJ Letters, 502, L143
1. **Walter, F.**, Brinks, E., Duric, N., & Klein, U., 'A Dynamical Analysis of the HII Galaxy II Zwicky 33 and its low Surface Brightness Companion', 1997, AJ, 113, 2031

Conference Contributions:

168. Carilli, C. L.; **Walter, F.**; Riechers, D.; Wang, R.; Daddi, E.; Wagg, J.; Bertoldi, F.; Menten, K., 'Radio studies of galaxy formation: Dense Gas History of the Universe', 2011, Review for the Astronomische Gesellschaft to appear in Astronomische Nachrichten, arXiv:1105.1128
167. Wang, Ran; Wagg, J.; Carilli, C.; **Walter, F.**; Riechers, D.; Willott, C.; Bertoldi, F.; Omont, A.; Beelen, A.; Strauss, M.; Cox, P.; Forveille, T.; Menten, K.; Fan, X., 'Detections Of CO (2-1) Line Emission In $z\sim 6$ Quasar Host Galaxies With The Expanded Very Large Array', 2011, AAS, 218, 408.10
166. **Walter, F.**; Carilli, Chris; Daddi, Emanuele, 'Molecular Gas at High Redshift', 2011, published in 'Reviews in Modern Astronomy Vol. 22', edited by R. von Berlepsch, p. 167, Wiley-VCH, Berlin, rXiv:1101.4022
165. Wang, Ran; Carilli, C.; Neri, R.; Riechers, D.; Wagg, J.; **Walter, F.**; Bertoldi, F.; Omont, A.; Cox, P.; Menten, K.; Fan, X.; Strauss, M., 'Dust and Molecular Gas from the Optically Faint Quasars at $z\sim 6$ ', 2011, AAS, 217, 430.11

164. Aravena, Manuel; Carilli, C.; Daddi, E.; Wagg, J.; **Walter, F.**; Riechers, D.; Dannerbauer, H.; Morrison, G.; Stern, D.; Krips, M., 'Observations Of CO 1-0 Line Emission In "normal" Star-forming Galaxies At $z=1.5$ ', 2011, AAS, 217, 335.21
163. Carilli, Chris Luke; Riechers, D.; **Walter, F.**; Wagg, J.; Daddi, E.; Wang, R., 'Imaging Molecular Gas in Primeval Galaxies with the EVLA', 2011, AAS, 217, 304.03
162. Leroy, Adam K.; **Walter, F.**; Schrubba, A.; Bigiel, F.; Foyle, K.; HERACLES team, 'HERACLES: The HERA CO-Line Extragalactic Survey', 2011, AAS, 217, 246.13
161. Kurczynski, Peter; Gawiser, E.; Huynh, M.; Ivison, R. J.; Treister, E.; Smail, I.; Blanc, G. A.; Cardamone, C. N.; Greve, T. R.; Schinnerer, E.; Urry, M.; van der Werf, P.; **Walter, F.**, 'Panchromatic Estimation of Star Formation Rates in BzK Galaxies', 2011, AAS, 217, 233.04
160. Sandstrom, Karin M.; Leroy, A. K.; **Walter, F.**; Aniano, G.; Draine, B. T.; Calzetti, D.; Kennicutt, R. C.; KINGFISH Team, 'The Dust-to-Gas Ratio in NGC 6946 and M 101: New Results from Herschel', 2011, AAS, 217, 202.07
159. Warren, Steven R.; Skillman, E.; Stilp, A.; Ott, J.; Dalcanton, J.; **Walter, F.**, 'The Cold ISM of Low Metallicity Galaxies', 2011, AAS, 217, 147.10
158. Schrubba, Andreas; Leroy, A. K.; **Walter, F.**; HERACLES team, 'The HERACLES View of Molecular Gas in the Outer Disks of Galaxies', 2011, AAS, 217, 133.04
157. Carilli, C.; **Walter, F.**; Wang, R.; Riechers, D.; Wagg, J.; Fan, X.; Menten, K.; Bertoldi, F.; Cox, P., 'Radio observations of the cool gas, dust, and star formation in the first galaxies', 2010, in 'First Stars and Galaxies: Challenges in the Next Decade, AIP, 2010; Austin TX (eds Whelan, Bromm, Yoshida)', arXiv:1006.0988
156. Schmeja, S.; Gouliermis, D. A.; Klessen, R. S.; de Blok, W. J. G.; **Walter, F.**, 'Hierarchical clustering in the Local Group dwarf galaxy NGC 6822', in 'Star clusters: basic galactic building blocks throughout time and space, Proceedings of the International Astronomical Union, IAU Symposium', Volume 266, p. 538-538
155. Most, Hans; Cannon, J. M.; Cook, D.; Dolphin, A. E.; Kennicutt, R. C., Jr.; Lee, J.; Skillman, E. D.; **Walter, F.**; Weisz, D. R., 'The M81 Group Dwarf Irregular Galaxy DDO 165. II. Connecting Recent Star Formation With ISM Structures and Kinematics', 2010, BAAS, 215, 457.19
154. Meitzner, Seth; Weindling, J.; Cannon, J. M.; Skillman, E.; **Walter, F.**, 'Tidal Disruptions In A Lyman-Alpha Emitting Starburst Galaxy', 2010, BAAS, 215, 412.20
153. Cannon, John M.; Weindling, J.; Meitzner, S.; Skillman, E.; **Walter, F.**, 'Exploring the Neutral Gas Dynamics of Nearby Starburst Galaxies', 2010, BAAS, 215, 412.19
152. Riechers, D.A.; Pope, A.; Armus, L.; Daddi, E.; Carilli, C. L.; Morrison, G.; Dickinson, M.; Chary, R.; **Walter, F.**; Dannerbauer, H.; Elbaz, D., 'Polycyclic Aromatic Hydrocarbon and Mid-Infrared Continuum Emission in an Intensely Star-Forming $z \gtrsim 4$ Protocluster Galaxy', 2010, BAAS, 215, 410.21
151. Weisz, Daniel R.; Skillman, E. D.; Cannon, J. M.; Dolphin, A. E.; Kennicutt, R. C., Jr.; Lee, J.; **Walter, F.**, 'Does Stellar Feedback Create HI Holes? An HST/VLA Study of Holmberg II', 2010, BAAS, 215, 347.02

150. Ott, J.; Warren, S.; Stilp, A.; Skillman, E.; Dalcanton, J.; Walter, F.; de Blok, E., 'VLA-ANGST: Overview and First Results', 2010, BAAS, 215, 202.03
149. **Walter, F.**, Carilli, C., Daddi, E., 'Molecular Gas at High Redshift', 2010, Reviews in Modern Astronomy, in press
148. Schmeja, S.; Gouliermis, D. A.; Klessen, R. S.; de Blok, W. J. G.; **Walter, F.**, 'Hierarchical clustering in the Local Group dwarf galaxy NGC 6822', Star clusters: basic galactic building blocks throughout time and space, Proceedings of the International Astronomical Union, IAU Symposium, Volume 266, p. 538-538
147. Most, Hans; Cannon, J. M.; Cook, D.; Dolphin, A. E.; Kennicutt, R. C., Jr.; Lee, J.; Skillman, E. D.; **Walter, F.**; Weisz, D. R., 'The M81 Group Dwarf Irregular Galaxy DDO 165. II. Connecting Recent Star Formation With ISM Structures and Kinematics', 2010, American Astronomical Society, AAS Meeting #215, #457.19; Bulletin of the American Astronomical Society, Vol. 41, p.482
146. Meitzner, Seth; Weindling, J.; Cannon, J. M.; Skillman, E.; **Walter, F.**, 'Tidal Disruptions In A Lyman-Alpha Emitting Starburst Galaxy', 2010, American Astronomical Society, AAS Meeting #215, #412.20; Bulletin of the American Astronomical Society, Vol. 41, p.249
145. Cannon, John M.; Weindling, J.; Meitzner, S.; Skillman, E.; **Walter, F.**, 'Exploring the Neutral Gas Dynamics of Nearby Starburst Galaxies', 2010, American Astronomical Society, AAS Meeting #215, #412.19; Bulletin of the American Astronomical Society, Vol. 41, p.249
144. Riechers, Dominik A.; Pope, A.; Armus, L.; Daddi, E.; Carilli, C. L.; Morrison, G.; Dickinson, M.; Chary, R.; **Walter, F.**; Dannerbauer, H.; Elbaz, D., 'Polycyclic Aromatic Hydrocarbon and Mid-Infrared Continuum Emission in an Intensely Star-Forming $z \sim 4$ Protocluster Galaxy', 2010, American Astronomical Society, AAS Meeting #215, #410.21; Bulletin of the American Astronomical Society, Vol. 41, p.238
143. Weisz, Daniel R.; Skillman, E. D.; Cannon, J. M.; Dolphin, A. E.; Kennicutt, R. C., Jr.; Lee, J.; **Walter, F.**, 'Does Stellar Feedback Create HI Holes? An HST/VLA Study of Holmberg II', 2010, American Astronomical Society, AAS Meeting #215, #347.02; Bulletin of the American Astronomical Society, Vol. 41, p.528
142. Ott, J.; Warren, S.; Stilp, A.; Skillman, E.; Dalcanton, J.; Walter, F.; de Blok, E., 'VLA-ANGST: Overview and First Results', 2010, American Astronomical Society, AAS Meeting #215, #202.03; Bulletin of the American Astronomical Society, Vol. 41, p.293
141. Smail, I.; Weiss, A., **Walter, F.**; The LESS Consortium, 'The LABOCA Survey of the Extended Chandra Deep Field South (LESS)', 2009, The Messenger, vol. 138, p. 26-29
140. de Blok, W. J. G.; **Walter, F.**; Brinks, E.; Bigiel, F.; Bagetakos, I.; Leroy, A.; Oh, S.-H.; Portas, A.; Rich, J. W.; Tamburro, D.; Trachternach, C.; Usero, A.; Zwaan, M., 'An Overview of The H I Nearby Galaxy Survey (THINGS)', 2009, in The Low-Frequency Radio Universe ASP Conference Series, Vol. 407, proceedings of the conference held 8-12 December 2008, at National Centre for Radio Astrophysics (NCRA), TIFR, Pune, India. Edited by D. J. Saikia, D. A. Green, Y. Gupta, and T. Venturi. San Francisco: Astronomical Society of the Pacific, ASPC, 407, 88

139. Wang, R.; Carilli, C. L.; Neri, R.; **Walter, F.**; Bertoldi, F.; Cox, P., 'The Nature of the Millimeter Bright Quasars at $z \sim 6$ ', The Starburst-AGN Connection. ASP Conference Series, Vol. 408, proceedings of the conference held 27-31 October 2008, at Shanghai Normal University, Shanghai, China. Edited by Weimin Wang, Zhaoqing Yang, Zhijian Luo, and Zhu Chen. San Francisco: Astronomical Society of the Pacific, 2009., p.452
138. Ao, Y.; Wei, A.; **Walter, F.**; Güsten, R.; Henkel, C.; Menten, K. M., 'CO Line SEDs in Local Luminous Infrared Galaxies', The Starburst-AGN Connection. ASP Conference Series, Vol. 408, proceedings of the conference held 27-31 October 2008, at Shanghai Normal University, Shanghai, China. Edited by Weimin Wang, Zhaoqing Yang, Zhijian Luo, and Zhu Chen. San Francisco: Astronomical Society of the Pacific, 2009., p.86
137. Schruba, A.; **Walter, F.**; Leroy, A.; Kennicutt, R.; Lee, J.; Gil de Paz, A.; Hunter, D.; Ott, J., 'Variations in the to-Gas Ratio in Nearby Dwarf Galaxies', 2009, BAAS, 214, 424.02
136. **Walter, F.**; Leroy, A.; Bigiel, F.; Schruba, A.; Usero, A.; Kennicutt, R.; HERACLES team, 'HERACLES: A CO Survey of Nearby Galaxies', 2009, BAAS, 214, 419.08
135. Weisz, D.R.; Skillman, E. D.; Cannon, J. M.; Dolphin, A. E.; Kennicutt, R. C., Jr.; Lee, J.; **Walter, F.**, 'Does Stellar Feedback Create HI Holes? An HST/VLA Study of Holmberg II', 2009, BAAS, 214, 311.04
134. Rahman, N.; Bolatto, A.; Wong, T.; Leroy, A.; Ott, J.; Calzetti, D.; Blitz, L.; **Walter, F.**; Rosolowsky, E.; West, A.; Vogel, S.; Bigiel, F.; Xue, R., 'Resolved Star Formation Law In Nearby Infrared-bright Galaxies', 2009, BAAS, 214, 310.06
133. **Walter, F.**, 'Dust in the early ($z > 1$) Universe', 2009, review to appear in "Cosmic Dust – Near and Far", ed. Th. Henning, E. Grun, J. Steinacker (ASP Conf. Series), arXiv:0904.0152
132. Leroy, Adam K.; Bolatto, Alberto D.; Rosolowsky, Erik; Stanimirovic, S.; Mizuno, Norikazu; Bot, Caroline; Israel, Frank; **Walter, F.**; Blitz, Leo, 'The state of molecular gas in the Small Magellanic Cloud', 2009, The Magellanic System: Stars, Gas, and Galaxies, Proceedings of the International Astronomical Union, IAU Symposium, Volume 256, p. 154-159
131. Carilli, C. L.; Myers, S.; Appleton, P.; Bertoldi, F.; Blain, A.; Dale, D.; Fan, X.; Li, Y.; Menten, K.; Nagamine, K.; Narayanan, D.; Omont, A.; Strauss, M.; Taniguchi, Yoshi; Wagg, J.; **Walter, F.**; Wolfe, A.; Wootten, A.; Yun, M. S., 'Imaging the cool gas, dust, star formation, and AGN in the first galaxies', 2009, White paper for Astro 2010 Decadal Survey, arXiv:0902.3671
130. Bagetakos, I.; Brinks, E.; **Walter, F.**; de Blok, W. J. G.; Rich, J. W.; Usero, A.; Kennicutt, R. C., Jr., 'An Inventory of Supershells in nearby Galaxies: First Results from THINGS', 2009, in proceedings of 'The Evolving ISM in the Milky Way and Nearby Galaxies, The Fourth Spitzer Science Center Conference, Pasadena, CA', Eds.: K. Sheth, A. Noriega-Crespo, J. Ingalls, and R. Paladini
129. Bolatto, A. D.; Leroy, A. K.; **Walter, F.**, 'Molecular Cloud Properties and Star Formation in Primitive Galaxies', XII Latin American IAU Regional Meeting (Eds. G. Magris, G. Bruzual, & L. Carigi) Revista Mexicana de Astronomia y Astrofisica (Serie de Conferencias) Vol. 35, pp. 289 (2009)

128. Bigiel, F.; **Walter, F.**; Leroy, A.; Brinks, E.; de Blok, W. J. G.; Madore, B.; Thornley, M. D., 'The Star Formation Law on sub-kpc Resolution in THINGS', 2009, in proceedings of 'The Evolving ISM in the Milky Way and Nearby Galaxies, The Fourth Spitzer Science Center Conference, Pasadena, CA', Eds.: K. Sheth, A. Noriega-Crespo, J. Ingalls, and R. Paladini
127. Most, Hans; Cannon, J. M.; Skillman, E. D.; Weisz, D. R.; Dolphin, A. E.; Kennicutt, R. C.; Lee, J.; **Walter, F.**, 'The M81 Group Dwarf Irregular Galaxy DDO 165. High Velocity HI Gas in a Post-Starburst System', 2009, BAAS, 213, 419.02
126. Carilli, Chris Luke; **Walter, F.**; Wang, R.; Wagg, J.; Menten, K.; Bertoldi, F.; Cox, P., 'Study Of The Gas Dust and Star Formation in the First Galaxies: Current and Future Directions at cm/m Wavelengths', 2009, BAAS, 213, 339.04
125. Brinks, E.; Bigiel, F.; Leroy, A.; **Walter, F.**; de Blok, W.J.G.; Bagetakos, I.; Usero, A.; Kennicutt, R.C., 'HI in Galactic Disks', 2009, in The Galaxy Disk in Cosmological Context, Proceedings of the International Astronomical Union, IAU Symposium, Volume 254. Edited by J. Andersen, J. Bland-Hawthorn, and B. Nordstrom, p. 301-306
124. Lee, J. C.; Kennicutt, R. C.; Engelbracht, C. W.; Calzetti, D.; Dale, D. A.; Gordon, K. D.; Dalcanton, J. J.; Skillman, E.; Begum, A.; Funes, J. G.; Gil de Paz, A.; Johnson, B.; Sakai, S.; van Zee, L.; **Walter, F.**; Weisz, D.; Williams, B.; Wu, Y.; Block, M., 'The Local Volume Legacy Survey', 2008, in Formation and Evolution of Galaxy Disks ASP Conference Series, Vol. 396, Proceedings of the conference held 1-5 October, 2007 at the Centro Convegni Matteo Ricci, Rome, Italy. Edited by Jose G. Funes, S.J., and Enrico Maria Corsini. San Francisco: Astronomical Society of the Pacific, 2008., p.151
123. Bolatto, A.D.; Leroy, A.K.; Rosolowsky, E.; **Walter, F.**; Blitz, L., 'Resolved Properties of Extragalactic Giant Molecular Clouds', 2009, in proceedings for IAU 255, "Low-Metallicity Star Formation: From the First Stars to Dwarf Galaxies", 2008, arXiv:0810.2726
122. Ott, J.; Skillman, E.; Dalcanton, J.; **Walter, F.**; West, A.; Koribalski, B., 'Star-Formation History and ISM Feedback in Nearby Galaxies: A VLA Large Project', 2008, in 'Frontiers of Astrophysics: A Celebration of NRAO's 50th Anniversary ASP Conference Series', Vol. 395, Edited by Alan H. Bridle, James J. Condon, and Garteh C. Hunt, p. 376
121. **Walter, F.**, Carilli, C.L., 'First Light – Centimeter/Millimeter Observations', 2008, in 'Frontiers of Astrophysics: A Celebration of NRAO's 50th Anniversary ASP Conference Series', Vol. 395, Edited by Alan H. Bridle, James J. Condon, and Garteh C. Hunt., p. 49
120. **Walter, F.**, Carilli, C., 'Detecting the Most Distant ($z>7$) Objects with ALMA', Astrophysics and Space Science, "Science with ALMA: a new era for Astrophysics", ed. R. Bachiller, 2008, Ap&SS, 313, 313
119. Carilli, C.L., **Walter, F.**, Wang, R., Wootten, A., Menten, K., Bertoldi, F., Schinnerer, E., Cox, P., Beelen, A., Omont, A., 'Studying the first galaxies with ALMA', Astrophysics and Space Science, "Science with ALMA: a new era for Astrophysics", ed. R. Bachiller, 2008, Ap&SS, 313, 307
118. Brinks, Elias; Oh, Se-Heon; Bagetakos, Ioannis; Bigiel, Frank; Leroy, Adam; Usero, Antonio; Walter, Fabian; de Blok, W. J. G.; Kennicutt, Robert C., 'The Gas Phase in a Low Metallicity ISM', 2009, Low-Metallicity Star Formation: From the First Stars to Dwarf Galaxies, Proceedings of the International Astronomical Union, IAU Symposium, Volume 255, p. 265-273

117. Ott, J.; Skillman, E.; Dalcanton, J.; **Walter, F.**; Stilp, A.; Koribalski, B.; West, A.; Warren, S. 'Connecting Gas Dynamics and Star Formation Histories in Nearby Galaxies: The VLA-ANGST Survey', 2008, in 'The Evolution of Galaxies Through the Neutral Hydrogen Window', AIP Conference Proceedings, Volume 1035, pp. 105-111, arXiv:0805.4605
116. **Walter, F.**, 'Molecular Gas in the Early Universe', in 'Mapping the Galaxy and Nearby Galaxies', Astrophysics and Space Science Proceedings, Springer, 2008, p. 290
115. Weisz, D.R.; Skillman, E.; Cannon, J.; Dolphin, A.; Kennicutt, R.; Lee, J.; **Walter, F.**, 'Spatially Resolved Star Formation History Movies of 9 Dwarf Irregular Galaxies In The M81 Group', 2007, BAAS, 211, 9519
114. Hunter, D.A.; Brinks, E.; Elmegreen, B.; Rupen, M.; Simpson, C.; **Walter, F.**; Westpfahl, D.; Young, L., 'The LITTLE THINGS Survey', 2007, BAAS, 211, 9506
113. Leroy, Adam K.; **Walter, F.**; Bigiel, F.; Brinks, E.; de Blok, W.J.G., 'Environment and Star Formation in The HI Nearby Galaxy Survey (THINGS)', 2007, BAAS, 211, 9505
112. Kennicutt, R.C., Jr.; Lee, J. C.; Engelbracht, C.; Begum, A.; Block, M.; Calzetti, D.; Dalcanton, J.; Dale, D.; Funes, J.; Gil de Paz, A.; Gordon, K.; Johnson, B.; Sakai, S.; Skillman, E.; van Zee, L.; **Walter, F.**; Weisz, D.; Williams, B.; Wu, Y., 'The Spitzer Local Volume Legacy', 2007, BAAS, 211, 9502
111. Staguhn, J.; Allen, C.; Benford, D.; Sharp, E.; Ames, T.; Arendt, R.; Chuss, D.; Dwek, E.; Maher, S.; Miller, T.; Moseley, S. H.; Navarro, S.; Sansigre, A. M.; Schinnerer, E.; Sievers, A.; **Walter, F.**; Wollack, E., 'First Results from Astronomical Observations with the GISMO 2 Millimeter Bolometer Camera at the IRAM 30m Telescope', 2007, BAAS, 211, 8301
110. Price, Paul A.; Chambers, K. C.; Jester, S.; **Walter, F.**, 'High-Redshift Quasars from PS1', 2007, BAAS, 211, 4722
109. Riechers, D.A.; **Walter, F.**; Brewer, B. J.; Carilli, C. L.; Lewis, G. F.; Cox, P.; Bertoldi, F., 'Quasar Host Galaxy Dynamics Through the Magnifying Glass: A Molecular Einstein Ring at $z=4.12$ ', 2007, BAAS, 211, 4502
108. Armus, Lee; Draine, B.; Engelbracht, C.; Heckman, T.; Hollenbach, D.; Hoopes, C.; Sheth, K.; Shopbell, P.; Smith, J.; Surace, J.; **Walter, F.**, 'Spitzer Spectra of the Wind from M82', 2007, BAAS, 211, 3702
107. Dannerbauer, H., **Walter, F.**, 'The Search for the Very High-redshift Tail of Submillimeter Galaxies', 2007, AN, 328, 644
106. Riechers, D.A., **Walter, F.**, Carilli, C.L., Bertoldi, F., Cox, P., 'The Interstellar Medium at Early Cosmic Times: Molecular Gas in Distant Quasar Host Galaxies', 2007, AN, 328, 639
105. Combes, F., Garcia-Burillo, S., Braine, J., Schinnerer, E., **Walter, F.**, Colina, L., Gerin, M., 'Galaxy Evolution and Star Formation Efficiency in the Last Half of the Universe', 2007, To appear in the proceedings of "SF2A-2007: Semaine de l'Astrophysique Francaise", (J. Bouvier, A. Chalabaev, and C. Charbonnel eds)

104. Skillman, E.D., Cannon, J.M., Dolphin, A.E., Kennicutt, R.C., Lee, J.C., **Walter, F.**, Weisz, D.R., 'The Recent Star Formation Histories of Nearby Galaxies', 2007, in 'tellur Populations as Building Blocks of Galaxies, Proceedings of IAU Symposium #241. Edited by A. Vazdekis and R. F. Peletier. Cambridge: Cambridge University Press', 2007, pp.286-289
103. Brinks, E., **Walter, F.**, Skillman, E.D., 'Free-Floating HI Clouds in the M 81 Group', 2007, To appear 'Proceedings of IAU Symp. 244 on "Dark Galaxies and Lost Baryons",', eds. J.I. Davies & M.J. Disney, astro-ph/0708.2836
102. Cimatti, A.; et al., 'SPACE: the spectroscopic all-sky cosmic explorer', 2008, in 'Experimental Astronomy', Springer, arXiv:0804.4433
101. Leroy, A.; Bigiel, F.; **Walter, F.**; Brinks, E.; de Blok, W. J. G.; Madore, B., in 'Star Formation in The HI Nearby Galaxy Survey', Massive Star Formation: Observations Confront Theory ASP Conference Series, Vol. 387, edited by H. Beuther, H. Linz, and T. Henning. San Francisco: Astronomical Society of the Pacific, 2008, p.408
100. **Walter, F.**, Riechers, D.A., Carilli, C.L., Bertoldi, F., Weiss, A., Cox, P., 'High resolution CO imaging of high redshift QSO host galaxies', 2007, in 'From Z-Machines to ALMA' ASP Conference Series, eds. A.J. Baker, J. Glenn, A.I. Harris, J.G. Mangum, M.S. Yun, 375, 182 (astro-ph/0608171)
99. Riechers, D. A.; **Walter, F.**; Carilli, C. L.; Knudsen, K. K.; Lo, K. Y.; Benford, D. J.; Staguhn, J. G.; Hunter, T. R.; Bertoldi, F.; Henkel, C.; Menten, K. M.; Weiss, A.; Yun, M. S.; Scoville, N. Z., 'CO(1-0) Emission from Quasar Host Galaxies Beyond Redshift 4', 2007, in 'From Z-Machines to ALMA' ASP Conference Series, eds. A.J. Baker, J. Glenn, A.I. Harris, J.G. Mangum, M.S. Yun, 375, 148
98. Weiss, A.; Downes, D.; **Walter, F.**; Henkel, C., 'CO Line SEDs of High-Redshift QSOs and Submm Galaxies', 2007, in 'From Z-Machines to ALMA' ASP Conference Series, eds. A.J. Baker, J. Glenn, A.I. Harris, J.G. Mangum, M.S. Yun, 375, 25
97. Lord, S., van der Werf, P., Papadopoulos, P., Wiedner, M., Greve, T., Smith, H., Xilouris, M., Weiss, A., **Walter, F.**, Charmandaris, V., Kramer, C., Spaans, M., Spinoglio, L., Mazzarella, J., Sanders, D., Meijerink, R., Fischer, J., Isaak, K., Armus, L., Evans, A., 'An Unbiased Herschel Space Observatory Spectroscopic Survey of [U]LIRGS in the Local Universe', 2007, BAAS, 210, 1107
96. Momjian, E., Carilli, C., Riechers, D., **Walter, F.**, 'High Sensitivity Array Observations of the $z = 4.4$ QSO BRI 1335-0417', 2007, BAAS, 210, 212
95. **Walter, F.**, 'First galaxies and AGNs', in 'Galaxy Evolution Across the Hubble Time', International Astronomical Union. Symposium no. 235, held 14-17 August, 2006 in Prague, Czech Republic, S235, #50
94. Ott, J., Henkel, C., Weiss, A., **Walter, F.**, 'Interferometric Observations of Molecular Gas in the Cores of Southern Starburst Galaxies', in 'Triggered Star Formation in a Turbulent ISM', International Astronomical Union. Symposium no. 237, held 14-18 August, 2006 in Prague, Czech Republic, S237, #186
93. Bigiel, F., **Walter, F.**, de Blok, W.J.G., Brinks, E., 'Star Formation Thresholds Derived From THINGS', in 'Triggered Star Formation in a Turbulent ISM', International Astronomical Union. Symposium no. 237, held 14-18 August, 2006 in Prague, Czech Republic, S237, #85

92. Bagetakos, I., Brinks, E., **Walter, F.**, de Blok, W.J.G., 'Fine-scale structure of the neutral ISM in M81', in 'Triggered Star Formation in a Turbulent ISM', International Astronomical Union. Symposium no. 237, held 14-18 August, 2006 in Prague, Czech Republic, S237, #80
91. Bagetakos, I., Brinks, E., **Walter, F.**, de Blok, W.J.G., 'An Inventory of Supershells in nearby Galaxies: First Results from THINGS', in 'Triggered Star Formation in a Turbulent ISM', International Astronomical Union. Symposium no. 237, held 14-18 August, 2006 in Prague, Czech Republic, S237, #79
90. **Walter, F.**, Carilli, C., Bertoldi, F., Cox, P., Menten, K., 'Studying the first galaxies at centimeter and millimeter wavelengths', in 'The Universe at $z \lesssim 6$ ', 26th meeting of the IAU, Joint Discussion 7, 17-18 August 2006, Prague, Czech Republic, JD07, #32
89. Riechers, D.A., **Walter, F.**, Carilli, C.L., Knudsen, K.K., Lo, K.Y., Benford, D.J., Staguhn, J.G., Hunter, T.R., Bertoldi, F., Henkel, C., Menten, K.M., Weiss, A., Yun, M.S., Scoville, N.Z., 'Detecting Low-Order CO Emission from $z \lesssim 4$ Quasar Host Galaxies', in 'Galaxy Evolution Across the Hubble Time', International Astronomical Union. Symposium no. 235, held 14-17 August, 2006 in Prague, Czech Republic, S235, #333
88. Riechers, D.A., **Walter, F.**, Carilli, C.L., Weiss, A., Bertoldi, F., Menten, K.M., Knudsen, K.K., Cox, P., 'Dense Molecular Gas at High Redshift: First Detection of Emission from HCO^+ ', in 'Galaxy Evolution Across the Hubble Time', International Astronomical Union. Symposium no. 235, held 14-17 August, 2006 in Prague, Czech Republic, S235, #332
87. Kurk, J.D., **Walter, F.**, Pentericci, L., Rix, H.-W., Fan, X., Strauss, M.A., Carilli, C., 'Metallicity and Black Hole Masses of $z \sim 6$ QSOs', in 'The Universe at $z \lesssim 6$ ', 26th meeting of the IAU, Joint Discussion 7, 17-18 August 2006, Prague, Czech Republic, JD07, #14
86. Riechers, D.A., **Walter, F.**, Carilli, C.L., Knudsen, K.K., Lo, K.Y., Benford, D.J., Staguhn, J.G., Hunter, T.R., Bertoldi, F., Henkel, C., Menten, K.M., Weiss, A., Yun, M.S., Scoville, N.Z., 'CO(1-0) Emission in High-Redshift QSOs' 2005, BAAS, 207, 170.16
85. **Walter, F.**, Brinks, E., de Blok, W.J.G., Bigiel, F., Thornley, M., Kennicutt, R.C., 'THINGS: The HI Nearby Galaxy Survey', 2005, BAAS, 207, 64.09
84. Cannon, J.M., **Walter, F.**, SINGS Team, 'Dwarf Galaxies In The Infrared: Probing Dust In The Low-Metallicity ISM', 2005, BAAS, 207, 63.16
83. Kennicutt, R.C., Calzetti, D., **Walter, F.**, Prescott, M.K., SINGS Team, 'The Spatially-Resolved Star Formation Law in M51', 2005, BAAS, 207, 63.14
82. Gentile, G., Burkert, A., Salucci, P., Klein, U., **Walter, F.**, 'The dwarf galaxy DDO 47: testing cusps hiding in triaxial halos', Proc. XXIst IAP Colloquium "Mass Profiles and Shapes of Cosmological Structures", Paris 4-9 July 2005 (EAS Publications Series, G. Mamon, F. Combes, C. Deffayet, B. Fort eds.) (astro-ph/0510607)
81. Cox, P., Beelen, A., Bertoldi, F., Omont, A., Carilli, C., **Walter, F.**, 'Gas and dust in high redshift quasars', in: Proceedings of the dusty and molecular universe: a prelude to Herschel and ALMA, 27-29 October 2004, Paris, France. Ed. by A. Wilson. ESA SP-577, Noordwijk, Netherlands: ESA Publications Division, ISBN 92-9092-855-7, 2005, p. 115 - 120

80. Weiß, A., Downes, D., Henkel, C., **Walter, F.**: CO and CI at redshift 2.5. In: The Evolution of Starbursts, (Eds.) S. Hüttemeister, E. Manthey, D. Bomans, K. Weis. 783, AIP, 401-407 (2005)
79. Weiß, A., Downes, D., Henkel, C., **Walter, F.**: Atomic carbon and CO at redshift 2.5. In: Starbursts: From 30 Doradus to Lyman Break Galaxies, (Eds.) R. de Grijs, R. M. Gonzalez Delgado. 329, Springer, 84P (2005)
78. **Walter, F.**, 'Star formation triggered by interactions', in Proceedings of the dusty and molecular universe: a prelude to Herschel and ALMA, 27-29 October 2004, Paris, France. Ed. by A. Wilson. ESA SP-577, Noordwijk, Netherlands: ESA Publications Division, ISBN 92-9092-855-7, 2005, p. 99 - 104
77. **Walter, F.**, 'Molecular Gas in J1148+5251 - Fueling a Starburst at $z=6.4$ ', in 'The Evolution of Starbursts', Bad Honnef, eds.: Hüttemeister, Manthey, Aalto, Bomans, 2005, AIP, 331, 783, AIP, 2005, 394-400
76. **Walter, F.**: Resolved molecular gas emission in a QSO host galaxy at $z = 6.4$. In: Starbursts: From 30 Doradus to Lyman Break Galaxies, (Eds.) R. de Grijs, R.M. Gonzalez Delgado. 329, Springer, 327-330 (2005)
75. **Walter, F.**, Brinks, E., de Blok, W.J.G., Thornley, M.D., Kennicutt, R.C., Jr.: First Results from THINGS: The HI Nearby Galaxy Survey. In: Extra-Planar Gas, Ed. R. Braun. 331, ASP, 269 (2005)
74. Meyer, M.J., Regan, M., Calzetti, D., Kennicutt, R.C., **Walter, F.**, Thornley, M.D., Bendo, G., Armus, L., Dale, D.A., Draine, B., Engelbracht, C., Gordon, K., Grauer, A.D., Helou, G., Hollenbach, D.J., Kewley, L.J., Leitherer, C., Murphy, E., Jarrett, T.H., Li, A., Malhotra, S., Rieke, G.H., Rieke, M.J., Roussel, H., Smith, J.D., 'The Relationship Between PAHs and the Interstellar Medium', 2004, BAAS, 205, 6313
73. Bendo, G.J., Armus, L., Calzetti, D., Dale, D.A., Draine, B.T., Engelbracht, C.W., Gordon, K.D., Grauer, A., Helou, G., Hollenbach, D.J., Jarrett, T.H., Joseph, R.D., Kennicutt, R.C., Kewley, L.J., Leitherer, C., Li, A., Malhotra, S., Meyer, M., Murphy, E.J., Regan, M.W., Rieke, G.H., Rieke, M.J., Roussel, H., Sheth, K., Smith, J.D.T., Thornley, M.D., **Walter, F.**, 'Spitzer Observations of Two Early-Type Spiral Galaxies with Dust Rings', 2004, BAAS, 205, 6006
72. Calzetti, D., Kennicutt, R.C., Meyer, M., Sosey, M.L., Mutchler, M., Regan, M., Bianchi, L., Thilker, D., Hoopes, C., Engelbracht, C.W., Bendo, G., Gordon, K.D., Rieke, G.H., Rieke, M.J., Thornley, M., Helou, G., Friedman, P.G., Polletta, M., Scoville, N.Z., Boissier, S., Boselli, A., Kewley, L., **Walter, F.**, Yi, S.K., 'Star Formation in NGC5194 (M51): A Panchromatic Investigation from Spitzer to GALEX', 2004, BAAS, 205, 6003
71. de Blok, W.J.G., **Walter, F.**, Brinks, E., Thornley, M.D., Kennicutt, R.C., Jr., 'First Results from THINGS: The HI Nearby Galaxy Survey', in Proceedings of the meeting on "Nearby Large Scale Structure & The Zone of Avoidance", Cape Town, Mar 28-Apr 02, 2004.(ASP Conf series)
70. Cannon, J.M., **Walter, F.**, Gallagher, J.S., Weiss, A., Scoville, N.Z., Smith, L.J., Förster Schreiber, N.M., 'The Birth of Super Star Clusters: High Resolution OVRO Imaging of the Inner Molecular Disk of M 82', 2004, BAAS, 205, 2602

69. de Blok, W.J.G., Woldrake, D.T.F., **Walter, F.**, 'A high-resolution rotation curve of NGC 6822', in International Astronomical Union Symposium no. 220, held 21 - 25 July, 2003 in Sydney, Australia. Eds: S.D. Ryder, D.J. Pisano, M.A. Walker, and K.C. Freeman. San Francisco: Astronomical Society of the Pacific., p.373
68. Carilli, C., Bertoldi, F., **Walter, F.**, Menten, K., Beelen, A., Cox, P., Omont, A., 'Molecular Gas in high redshift QSOs', 2004, in 'Multiwavelength AGN Surveys', eds. Maiolino and Mujica (World Scientific)
67. **Walter, F.**, Brinks, E., deBlok, W.J.G. Thornley, M.D., Kennicutt, R.C., 'The Large VLA HI Survey of SINGS Galaxies', 2004, BAAS, 204, 4123
66. Calzetti, D., Kennicutt, R.C., Leitherer, C., Malhotra, S., Meyer, M., Regan, M.W., Alonso-Herrero, A., Bendo, G., Engelbracht, C.W., Gordon, K.D., Li, A., Murphy, E., Rieke, G.H., Rieke, M.J., Smith, J.D.T., Armus, L., Helou, G., Jarrett, T.H., Roussel, H., Dale, D.A., Draine, B.T., Grauer, A., Hollenbach, D.J., Kewley, L., Thornley, M.D., **Walter, F.**, ' HST Paschen-Alpha Imaging of SINGS (Spitzer Infrared Nearby Galaxies Survey) Galaxies, 2004, BAAS, 204, 4005
65. Smith, J.D.T., Dale, D.A., Draine, B.T., Hollenbach, D.J., Armus, L., Helou, G., Jarrett, T.H., Roussel, H., Kennicutt, R.C., Bendo, G., Gordon, K.D., Engelbracht, C.W., Li, A., Rieke, G.H., Rieke, M.J., Calzetti, D., Leitherer, C., Malhotra, S., Meyer, M.J., Regan, M.W., Murphy, E.J., Kewley, L., Thornley, M.D., **Walter, F.**, Wolfire, M.G., ' Mid-Infrared IRS Spectroscopy of NGC 7331: A First Look at the SINGS Legacy', 2004, AAS, 204, 8203
64. Kennicutt, R.C., Bendo, G., Engelbracht, C., Gordon, K., Li, A., Rieke, G.H., Rieke, M.J., Smith, J.D., Armus, L., Helou, G., Jarrett, T.H., Roussel, H., Calzetti, D., Leitherer, C., Malhotra, S., Meyer, M., Regan, M.W., Dale, D.A., Draine, B., Grauer, A.D., Hollenbach, D.J., Kewley, L.J., Murphy, E., Thornley, M.D., **Walter, F.**, 'SINGS: The SIRTf Nearby Galaxies Survey', 2004, BAAS, 90.10
63. Rubin, K.H.R., Langstrom, G.I., **Walter, F.**, 'Streams of Neutral Hydrogen in the M81 Group of Galaxies', 2004, BAAS, 116.24
62. **Walter, F.**, 'Molecular Gas in Dwarf Galaxies', 2003, in proceedings of the 4th Cologne-Bonn Zermatt Symposium "The Dense Interstellar Medium in Galaxies"
61. Bolatto, Alberto D., Leroy, Adam, Simon, Josh D., Blitz, L., **Walter, F.**, 'Molecular Gas in Nearby Dwarf Galaxies: Single Dish and Interferometric Results', 2003, in proceedings of the 4th Cologne-Bonn Zermatt Symposium "The Dense Interstellar Medium in Galaxies"
60. Böttner, C., Heithausen, A., **Walter, F.**, 'High-angular resolution HC₃N and CS observations of the dense core in the cirrus cloud MCLD123.5+24.9', 2003, in proceedings of the 4th Cologne-Bonn Zermatt Symposium "The Dense Interstellar Medium in Galaxies"
59. Kappes, M., Kerp., J., **Walter, F.**, 'XMM-Newton Search for Hot Gas in the Dwarf Galaxy IC 2574', in the proceedings of the "Satellites and Tidal Streams", La Palma 26-30 May 2003, Spain, eds, F. Prada, D. Martinez-Delgado, T. Mahoney
58. **Walter, F.**, 'OVRO Observations of Molecular Gas in Dwarf Galaxies', 2003, in '25th Assembly of the International Astronomical Union', 1160

57. **Walter, F.**, Weiss, A., Scoville, N., 'High Resolution Observations of Molecular Gas in the Outflow of M82', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 314
56. Bureau, M., **Walter, F.**, van Gorkom, J., Carignan, C., 'HI and Hot Gas in the Outskirts of the M81 Group', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 452
55. Brinks, E., Bravo-Alfaro, H., **Walter, F.**, Baker, A., Kunth, D., 'A Multi-Frequency Study of the Blue Compact Dwarf Galaxy Haro 2', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 144
54. Brinks, E., Duc, P., **Walter, F.**, 'VLA HI and OVRO CO Interferometry of a Tidal Dwarf Galaxy', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 532
53. Ott, J., **Walter, F.**, Brinks, E., 'Chandra X-ray Observations of Dwarf Starburst Galaxies', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 304
52. de Blok, W.J.G., **Walter, F.**, 'Young Stars in the Outer HI Disc of NGC 6822', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 168
51. **Walter, F.**, Heithausen, A., Martin, C., Ott, J., 'Molecular Gas and Star Formation in the NGC3077 Tidal Arm', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 498
50. Ott, J., Martin, C., **Walter, F.**, 'X-ray Emission from Expanding Shells in NGC3077', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 310 285
49. de Blok, W.J.G., **Walter, F.**, Weldrake, D., 'A High-Resolution Rotation Curve of NGC 6822 - Testing CDM', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 220, 373
48. Ott, J., **Walter, F.**, Kerp, J., 'The M82 Outflow: X-Rays as a Probe for its Neutral Disk Gas', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 312
47. **Walter, F.**, Kerp, J., Kappes, M., 'XMM-Newton Observations of Hot Gas in Low Mass Dwarf Galaxies', in '25th Assembly of the International Astronomical Union', 2004, IAUS, 217, 206
46. Brinks, E., **Walter, F.**, Kerp, J. 2003, 'X-ray Emission from Dwarf Galaxies: IC2574 Revisited' in *The Evolution of Galaxies. III - From Simple Approaches to Self-consistent Models*, eds. G. Hensler, G. Stasinska, S. Harfst, P. Kroupa, Chr. Theis (Dordrecht:Kluwer)
45. **Walter, F.**, Taylor, C., Scoville, N. 'OVRO Mosaic of the Molecular Gas in IC 10 at 10 pc Resolution', 2002, BAAS, 201, 116.18
44. Baganoff, F.K., Bautz, M.W., Ricker, G.R., Morris, M., Becklin, E.E., Ghez, A.M., Hornstein, S.D., Tanner, A.M., Brandt, W.N., Chartas, G., Feigelson, E.D., Garmire, G.P., Cotera, A.S., Hinz, P.M., Hoffmann, W.F., Meyer, M.R., Eckart, A., Genzel, R., Zhao, J.-H., Herrnstein, R.M., Hora, J.L., Macquart, J.-P., Maeda, Y., Sault, R.J., Taylor, G.B., **Walter, F.**, 'Multiwavelength Monitoring of Sgr A* During Chandra Observations of Multiple X-ray Flares', 2002, BAAS 201, 31.08
43. **Walter, F.**, 'The Extent of Molecular Gas in Dwarf Irregular Galaxies', 2002, in Lowell Workshop 'The Outer Edges of Dwarf Irregular Galaxies: Stars and Gas'

42. Baganoff, F.K., Morris, M., Bautz, M.W., Becklin, E.E., Brandt, W.N., Chartas, G., Cotera, A.S., Eckart, A., Feigelson, E.D., Garmire, G.P., Genzel, R., Ghez, A.M., Herrnstein, R.M., Hinz, P.M., Hoffmann, W.F., Hora, J.L., Hornstein, S.D., Macquart, J.-P., Maeda, Y., Meyer, M.R., Ricker, G.R., Sault, R.J., Tanner, A.M., Taylor, G.B., **Walter, F.**, Zhao, J.-H. "A Week-long Multi-wavelength Campaign to Monitor the Flaring Activity of Sgr A*" in "Galactic Center Workshop 2002"
41. Brinks, E., **Walter, F.**, Ott, J., 'Bloated Dwarfs: The Thickness of the HI Disks in Irregular Galaxies' Disks of Galaxies: Kinematics, Dynamics and Perturbations, ASP Conference Proceedings, Vol. 275. Edited by E. Athanassoula, A. Bosma, and R. Mujica. ISBN: 1-58381-117-6. San Francisco: Astronomical Society of the Pacific, 2002, pp. 57-60
40. **Walter, F.** 'X-ray Observations of Dwarf Galaxies', 2002, in Ringberg Workshop on the Chemical Evolution of Dwarf Galaxies
39. **Walter, F.**, Kerp, J., 'XMM-Newton observations of Nearby Dwarf Galaxies', 2002, BAAS, 200, 4610
38. Bravo-Alfaro, H., Brinks, E., Baker, A.J., **Walter, F.**, Kunth, D., "HI and CO Emission in Blue Compact Dwarfs: Haro 2 and Haro 4/26", 2002, in ASP Conf. Ser., Seeing Through the Dust: The Detection of HI and the Exploration of the ISM in Galaxies, ed. R. Taylor, T. Landecker, & T. Willis, 2002 (San Francisco: ASP)
37. **Walter, F.**, Weiss, A., Scoville, N., 'OVRO Observations of Molecular Streamers around M 82', 2002, BAAS, 199
36. Ott, J., **Walter, F.**, Kerp, J., 'Chandra Observations of the Nuclear Outflow in M 82: Tracing the Cold Gas', in 'New Visions of the X-ray Universe in the XMM-Newton and Chandra Era' (Noordwijk, The Netherlands), 2001
35. Ott, J., **Walter, F.**, Martin, C., Kerp, J., 'Chandra's view of the Starbursting Dwarf Galaxy NGC 3077', in 'New Visions of the X-ray Universe in the XMM-Newton and Chandra Era' (Noordwijk, The Netherlands), 2001
34. Kerp, J., **Walter, F.**, Duric, N., Ott, J., 'CHANDRA's discovery of a Young Supernova within an HI Supershell in IC2574', 2001, in "2 Years of Science with CHANDRA", Washington, DC, Sep 2001
33. Ott, J., Kerp, J., **Walter, F.**, 'CHANDRA Observations of the Starburst Galaxy M82', 2001, in "2 Years of Science with CHANDRA", Washington, DC, Sep 2001
32. Aalto, S., Hüttemeister, S., **Walter, F.**, 'Gas Properties in the Medusa Minor Merger - Comparing with ULIRGs', 2001, in 'The Central kpc of Starbursts and AGNs', ed. J.H. Knapen, J.E. Beckman, I. Shlosman, & T.J. Mahoney (San Francisco: ASP), 626
31. **Walter, F.** 'Atomic and Molecular Gas in Dwarf Galaxies', 2001, Meeting of the Center for Star Formation, Santa Cruz
30. Kulkarni, S.R., Frail, D.A., Moriarty-Schieven, G., Bertoldi, F., **Walter, F.**, Shepherd, D., Sari, R., Reichart, D.E., Djorgovski, S.G., 'Sub-millimeter Excess/GRB 010222.', 2001, GCN 996
29. Taylor, C.L., **Walter, F.**, 2001, 'CO Emission above the disk of M82', BAAS, 198, 0907

28. Baganoff, F.K., Bautz, M.W., Ricker, G.R., Brandt, W.N., Chartas, G., Feigelson, E.D., Garmine, G.P., Maeda, Y., Townsley, L.K., Morris, M., **Walter, F.**, 2001, 'Second-epoch Chandra Imaging of SgrA* and the Galactic Center', BAAS, 198, 8708
27. **Walter, F.**, 2001, 'Molecular Gas in Dwarf Galaxies', in 'Dwarf Galaxies and their Environment', Bad Honneff, edited by K. de Boer, R.–J. Dettmar, U. Klein, Shaker Press, 2001
26. Ott, J., **Walter, F.**, Brinks, E., & Klein, U., 'Star Formation at the Lower Mass End of Dwarf Galaxies - The Impact on the Neutral Gas', in 'Dwarf Galaxies and their Environment', Bad Honneff, edited by K. de Boer, R.–J. Dettmar, U. Klein, Shaker Press, 2001
25. **Walter, F.**, & Heithausen, A., 2001, 'High Resolution Observations of Molecular Gas in the Tidal Arms near NGC 3077', BAAS, 197, 3802
24. Kerp, J., **Walter, F.**, 2001, 'In Search of the oldest Star Forming Regions in Holmberg II', in 'X-ray Astronomy 2000' edited by R. Giacconi, L. Stella and S. Serio (ASP Conference Series)
23. **Walter, F.**, 2000, 'Tracking Down the Processes that Shape the ISM: The Case of the Supergiant Shell in IC 2574', 2001, Ap&SS Suppl., 277, 91
22. Ott, J., **Walter, F.**, & Brinks, E., 2000, 'The HI morphology of low-mass dwarf galaxies', 2001, Ap&SS, 277, 107
21. **Walter, F.**, & Heithausen, A., 2000, 'Atomic and Molecular Gas near NGC 3077: The Making of a New Dwarf Galaxy?', in 'The Universe in HI' edited by R.C. Kraan-Korteweg, P.A. Henning and H. Andernach (Astronomical Society of the Pacific)
20. de Blok, W.J.G., & **Walter, F.**, 2000, 'The Violent Interstellar Medium of NGC 6822', in 'The Universe in HI' edited by R.C. Kraan-Korteweg, P.A. Henning and H. Andernach (San Francisco: ASP), 365
19. Ott, J., **Walter, F.**, Brinks, E., & Klein, U., 2000, 'Small Galaxies Blowing Big Bubbles', in 'The Universe in HI' edited by R.C. Kraan-Korteweg, P.A. Henning and H. Andernach (San Francisco:ASP), 373
18. de Blok, W.J.G., **Walter, F.**, & Bell, E., 1999, 'The Morphology of Nearby LSB galaxies' in 'Toward a New Millennium in Galaxy Morphology' edited by D.L. Block, I. Puerari, A. Stockton and D. Ferreira (Kluwer, Dordrecht), p. 101
17. Brinks, E., **Walter, F.**, & Kerp, J., 1999, 'X-ray Observations of Superbubbles in Dwarf Galaxies', in 'Astrophysical Plasmas: Codes, Models & Observations.' Mexico City 25-29 October, 1999. Editors: S.J. Arthur, N. Brickhouse and J. Franco. Revista Mexicana de Astronomia y Astrofisica, Serie de Conferencias, 9, 279
16. Heithausen, A., & **Walter, F.**, 1999, 'Phoenix aus der Asche' (in German), Sterne und Weltraum, 38, 941
15. Brinks, E. & **Walter, F.**, 1999, 'Massive Stars Shaping the ISM: HI Holes and Shells in Nearby Galaxies', IAU Symp. No.193 on Wolf-Rayet Phenomena in massive Stars and Starbursts Galaxies, eds. K. van der Hucht, G. Koenigsberger and P. Eenens (San Francisco: ASP) 636-644

14. Ott, J., **Walter, F.**, Brinks, E., & Klein, U., 'Investigating the Low-Mass End of Dwarf Galaxies: The Low Surface Brightness Galaxy Holmberg I', 1999, in Abstract Series No. 13 of the Astronomische Gesellschaft, Insbruck, Austria, 15, P98,
13. Ott, J., **Walter, F.**, Brinks, E., & Klein, U., 'Investigating the Low-Mass End of Dwarf Galaxies: The Low Surface Brightness Galaxy Holmberg I', 1999, in Abstract Series No. 13 of the Astronomische Gesellschaft, Insbruck, Austria, AGM, 15, G06
12. Stewart, S.G., & **Walter, F.** 'UV Observations of the Powering Source of the Expanding Supergiant Shell in IC 2574', 1999, BAAS, 72.09
11. Weiss, A., **Walter, F.**, Neininger, N., & Klein, U., 'Evidence for an Expanding Molecular Superbubble in M 82', 1999, BAAS, 72.11
10. Pannuti, T.G., Duric, N., Rottmann, H., Beck, R., & Walter, F. 'Combined Effelsberg and Very Large Array (VLA) Observations at 6 and 20 cm of the Galaxies M 33, IC 1613, NGC 2403 and NGC 6946', BAAS, 193.7407
9. **Walter, F.**, & Brinks, E., 1998 'The Dwarf Wolf Rayet Galaxy II Zw 33: A star formation burst triggered by an interaction with a Low Surface Brightness Companion?', in Proceedings of the 193rd symposium of the IAU 'Wolf-Rayet Phenomena in massive Stars and Starbursts Galaxies', Puerto Vallarta, Mexico', K. van der Hucht, G. Koenigsberger, & P. Eenens (eds.)
8. **Walter, F.**, & Brinks, E., 1998, 'VLA HI imaging of the Low Surface Brightness Galaxy DDO 47', in Proceedings of IAU Colloquium 171 'The Low Surface Brightness Universe', Cardiff, UK
7. **Walter, F.**, Brinks, E., & Klein, U., 1998, 'Holes and Shell in IC 2574', in Proceedings of the Workshop 'The Magellanic Clouds and Other Dwarf Galaxies', T. Richtler & J.M. Braun (eds.), Bonn, Germany
6. **Walter, F.**, Brinks, E., & Klein, U., 1998, 'HI study of the dwarf galaxy DDO 47', in Proceedings of the Workshop 'The Magellanic Clouds and Other Dwarf Galaxies', T. Richtler & J.M. Braun (eds.), Bonn, Germany
5. Brinks, E., & **Walter, F.**, 1998, review on 'The Violent Interstellar Medium in Dwarf Galaxies: Atomic Gas', in Proceedings of the Workshop 'The Magellanic Clouds and Other Dwarf Galaxies', T. Richtler & J.M. Braun (eds.), Bonn, Germany
4. **Walter, F.**, Brinks, E., Duric, N., Kerp, J., & Klein, U., 1998 'The Violent Interstellar Medium of IC 2574', in Proceedings of the Workshop 'The Magellanic Clouds and Other Dwarf Galaxies', T. Richtler & J.M. Braun (eds.), Bonn, Germany
3. **Walter, F.**, Brinks, E., Duric, N., & Klein, U., 1997 'A Dynamical Analysis of the HII Galaxy II Zwicky 33 and its Low Surface Brightness Companion' in Abstract Book (XXIIIrd IAU General Assembly, Kyoto), ed. S. Takahira IAU, Japan
2. **Walter, F.**, & Brinks, E., 1997, 'HI Holes and Shells in the Dwarf Galaxy IC 2574' in Proceedings of the 30th YERAC, Krakau, Poland
1. **Walter, F.**, Brinks, E., & Klein, U., 1997, 'The Violent Interstellar Medium of the Dwarf Galaxy IC 2574' in Abstract Series No. 13 of the Astronomische Gesellschaft, Insbruck, Austria

Press releases

- 2011, IRAM press release on 'Water vapour reveals how stars form around a black hole in the early universe'
- 2010, MPIA press release on 'Feuer ohne Rauch: Auf den Spuren der urtümlichsten Schwarzen Löcher'
- 2010, JPL/Spitzer press release on 'NASA's Spitzer Unearths Primitive Black Holes'
- 2009, MPIA press release on 'Maximale Sternentstehung im Kosmos'
- 2009, IRAM/MPIA press release on 'Infant Galaxies: Small and Hyperactive'
- 2009, NRAO press release on 'Black Holes Lead Galaxy Growth, New Research Shows'
- 2008, MPIA press release on 'Kosmische Linse zeigt das gewaltsame Anwachsen junger Galaxien'
- 2008, NRAO press release on 'Cosmic Lens Reveals Distant Galactic Violence'
- 2008, MPIA press release on 'THINGS' (The HI Nearby Galaxy Survey).
- 2008, NRAO press release on 'New VLA Images Unlocking Galactic Mysteries'
- 2007, NRAO press release on '"Missing Mass" Found in Recycled Dwarf Galaxies'
- 2007, Science press release on "Missing Mass" Found in Recycled Dwarf Galaxies"
- 2006, SINGS press release on M82
- 2005, SINGS press release on NGC 4725
- 2005, SINGS press release on the Sombrero Galaxy (M 104)
- 2005, SINGS press release on the Whirlpool Galaxy (M 51)
- 2004, NRAO press release on 'Resolved Molecular Gas at $z=6.42$ '
- 2004, Spitzer press release on NGC 7331
- 2003, NRAO press release on CO detection at $z=6.42$
- 2003, MPIfR press release on CO detection at $z=6.42$
- 2003, AAS press release on M82
- 2003, NRAO/AAS press release on IC 10
- 2001, Chandra press release on the SgrA* X-ray flares
- 2001, Caltech press release on GRB000926