

Bibliography from ADS file: benz.bib
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- Vedantham, H. K., Callingham, J. R., Shimwell, T. W., et al., “Peculiar Radio-X-Ray Relationship in Active Stars”, 2022ApJ...926L..30V ADS
- Battaglia, A. F., Saqri, J., Massa, P., et al., “STIX X-ray microflare observations during the Solar Orbiter commissioning phase”, 2021A&A...656A...4B ADS
- Che, H., Zank, G. P., & Benz, A. O., “Ion Acceleration and the Development of a Power-law Energy Spectrum in Magnetic Reconnection”, 2021ApJ...921..135C ADS
- Brajša, R., Skokić, I., Sudar, D., et al., “ALMA small-scale features in the quiet Sun and active regions”, 2021A&A...651A...6B ADS
- van Dishoeck, E. F., Kristensen, L. E., Mottram, J. C., et al., “Water in star-forming regions: physics and chemistry from clouds to disks as probed by Herschel spectroscopy”, 2021A&A...648A...24V ADS
- Che, H., Zank, G. P., Benz, A. O., Tang, B., & Crawford, C., “The Formation of Electron Outflow Jets with Power-law Energy Distribution in Guide-field Magnetic Reconnection”, 2021ApJ...908...72C ADS
- Che, H., Benz, A., Tang, B., & Crawford, C., “Electron Acceleration and the Development of Power-Law Energy Spectra in Magnetic Reconnection with A Force-free Current Sheet”, 2021APS...GECM13007C ADS
- Krucker, S., Hurford, G. J., Grimm, O., et al., “The Spectrometer/Telescope for Imaging X-rays (STIX)”, 2020A&A...642A...15K ADS
- Sudar, D., Brajša, R., Skokić, I., & Benz, A. O., “Centre-to-Limb Brightness Variations from the Atacama Large Millimeter-Submillimeter Array (ALMA) Full-Disk Solar Images”, 2019SoPh...294..163S ADS
- Sudar, D., Brajša, R., Skokić, I., & Benz, A. O., “Centre to limb brightness variations from ALMA full disk solar images”, 2019arXiv190908952S ADS
- Brajša, R., Sudar, D., Skokic, I., et al., “Observations of the solar chromosphere with ALMA and comparison with theoretical models”, 2018csss.confE...37B ADS
- Brajša, R., Sudar, D., Benz, A. O., et al., “First analysis of solar structures in 1.21 mm full-disc ALMA image of the Sun”, 2018A&A...613A...17B ADS
- Aschwanden, M. J., Scholkmann, F., Béthune, W., et al., “Order out of Randomness: Self-Organization Processes in Astrophysics”, 2018SSRv...214...55A ADS
- Benz, A. O., Battaglia, M., & Güdel, M., “Erratum: Correction to: Observations of a Radio-Quiet Solar Preflare”, 2018SoPh...293...32B ADS
- Brajša, R., Kuhar, M., Benz, A. O., et al., “A comparison of solar ALMA observations and model based predictions of the brightness temperature”, 2018CEAB...42...1B ADS
- Benz, A. O., “Flare Observations”, 2017LRSP...14...2B ADS
- Benz, A. O., Battaglia, M., & Güdel, M., “Observations of a Radio-Quiet Solar Preflare”, 2017SoPh...292..151B ADS
- Skokić, I., Brajša, R., Sudar, D., Kuhar, M., & Benz, A. O., “Identification of features in solar ALMA images and comparison with solar atmospheric models”, 2017simi.conf...121S ADS
- Brajša, R., Sudar, D., Skokic, I., et al., “A comparison of solar ALMA maps with solar images obtained at other wavelengths”, 2017SPD...4820403B ADS
- Benz, A. O., Bruderer, S., & van Dishoeck, E., “Hydride Ions, HCO and Ionizing Irradiation in Star Forming Region”, 2016AAS...22830803B ADS
- Benz, A. O., Bruderer, S., van Dishoeck, E. F., et al., “Water in star-forming regions with Herschel (WISH). VI. Constraints on UV and X-ray irradiation from a survey of hydrides in low- to high-mass young stellar objects”, 2016A&A...590A.105B ADS
- Wedemeyer, S., Bastian, T., Brajša, R., et al., “Solar Science with the Atacama Large Millimeter/Submillimeter Array-A New View of Our Sun”, 2016SSRv...200...1W ADS
- Wedemeyer, S., Fleck, B., Battaglia, M., et al., “ALMA Observations of the Sun in Cycle 4 and Beyond”, 2016arXiv160100587W ADS
- Wedemeyer, S., Bastian, T., Brajša, R., et al., “SSALMON - The Solar Simulations for the Atacama Large Millimeter Observatory Network”, 2015AdSpR...56.2679W ADS
- Benz, A. O., Simon, B., & van Dishoeck, E., “Formation, Excitation and Destruction of CH under the Influence of Water and Irradiation in Star Forming Regions”, 2015IAUGA...2255589B ADS
- Benz, A. O., “Signatures of Accelerated Electrons in Solar and Stellar Flares”, 2015IAUGA...2254709B ADS
- Indriolo, N., Neufeld, D. A., Gerin, M., et al., “Herschel Survey of Galactic OH, H₂O, and H₃O: Probing the Molecular Hydrogen Fraction and Cosmic-Ray Ionization Rate”, 2015ApJ...800...40I ADS
- Mottram, J. C., Kristensen, L. E., van Dishoeck, E. F., et al.: 2015, Water in star-forming regions with Herschel (WISH) (Corrigendum). V. The physical conditions in low-mass protostellar outflows revealed by multi-transition water observations, Astronomy & Astrophysics, Volume 574, id.C3, 2 pp. 2015A&A...574C...3M ADS
- Mottram, J. C., Kristensen, L. E., van Dishoeck, E. F., et al., “Water in star-forming regions with Herschel (WISH). V. The physical conditions in low-mass protostellar outflows revealed by multi-transition water observations”, 2014A&A...572A...21M ADS
- Mottram, J. C., Kristensen, L. E., van Dishoeck, E. F., et al., “VizieR Online Data Catalog: H₂O spectra of 29 nearby Class 0/I protostars (Mottram+”, 2014yCat...35720021M ADS
- Saint-Hilaire, P., Benz, A. O., & Monstein, C., “Short-duration Radio Bursts with Apparent Extragalactic Dispersion”, 2014ApJ...795...19S ADS
- Chen, J.-H., Goldsmith, P. F., Viti, S., et al., “Herschel HIFI Observations of O₂ toward Orion: Special Conditions for Shock Enhanced Emission”, 2014ApJ...793..111C ADS
- Benz, A. O., Bruderer, S., van Dishoeck, E. F., Stäuber, P., & Wampfler, S. F., “Neutral and Ionized Hydrides in Star-Forming Regions. Observations with Herschel/HIFI”, 2013JPCA...117.9840B ADS
- Wang, K. S., Bourke, T. L., Hogerheijde, M. R., et al., “Dense molecular cocoons in the massive protocluster W3 IRS5: a test case for models of massive star formation”, 2013A&A...558A...69W ADS
- Kristensen, L. E., van Dishoeck, E. F., Benz, A. O., et al., “Observational evidence for dissociative shocks in the inner 100 AU of low-mass protostars using Herschel-HIFI”, 2013A&A...557A...23K ADS
- van der Tak, F. F. S., Chavarría, L., Herpin, F., et al., “Water in star-forming regions with Herschel (WISH). IV. A survey of low-J H₂O line profiles toward high-mass protostars”, 2013A&A...554A...83V ADS
- Karska, A., Herczeg, G. J., van Dishoeck, E. F., et al., “Water in star-forming regions with Herschel (WISH). III. Far-infrared cooling lines in low-mass young stellar objects”, 2013A&A...552A.141K ADS
- Wampfler, S. F., Bruderer, S., Karska, A., et al., “OH far-infrared emission from low- and intermediate-mass protostars surveyed with Herschel-PACS”, 2013A&A...552A...56W ADS
- Benz, A. O., Gallagher, P., Veronig, A., et al., “Spectrometer Telescope for Imaging X-rays (STIX)”, 2012IAUSS...6E.509B ADS
- Benz, A. O., Brajša, R., Shimojo, M., Karlicky, M., & Testi, L., “Observing the Sun with ALMA”, 2012IAUSS...6E.205B ADS
- Benz, A. O., Krucker, S., Hurford, G. J., et al., “The spectrometer telescope for imaging x-rays on board the Solar Orbiter mission”, 2012SPIE.8443E...3LB ADS
- Geers, V. C., Gorti, U., Meyer, M. R., et al., “Remnant Gas in Evolved Circumstellar Disks: Herschel PACS Observations of 10-100 Myr Old Disk Systems”, 2012ApJ...755...8G ADS
- Pineda, J. L., Mizuno, N., Röllig, M., et al., “Submillimeter line emission from LMC 30 Doradus: The impact of a starburst on a low-metallicity environment”, 2012A&A...544A..84P ADS
- Kristensen, L. E., van Dishoeck, E. F., Bergin, E. A., et al., “Water in star-forming regions with Herschel (WISH). II. Evolution of 557 GHz 1_10-1_01 emission in low-mass protostars”, 2012A&A...542A...8K ADS
- Skup, K. R., Cichocki, A., Graczyk, R., et al., “Instrument data processing unit for spectrometer/telescope for imaging x-rays (STIX)”, 2012SPIE.8454E...0KS ADS
- Liseau, R., Goldsmith, P. F., Larsson, B., et al., “Multi-line detection of O₂ toward ρ Ophiuchi A”, 2012A&A...541A...73L ADS
- Neufeld, D. A., Roueff, E., Snell, R. L., et al., “Herschel Observations of Interstellar Chloronium”, 2012ApJ...748...37N ADS
- Benz, A. O., Battaglia, M., & Vilmer, N., “Location of Decimetric Pulsations in Solar Flares”, in C. Marqué and A. Nindos (Eds.), Energy Storage and Release through the Solar Activity Cycle, 57 2012esrs.book...57B ADS
- Forbrich, J., Wolk, S. J., Güdel, M., et al., “The Radio-X-ray Relation in Cool Stars: Are We Headed Toward a Divorce?”, 2011ASPC...448..455F ADS
- Benz, A. O., Battaglia, M., & Vilmer, N., “Location of Decimetric Pulsations in Solar Flares”, 2011SoPh...273..363B ADS
- Benz, A. O., Bruderer, S., van Dishoeck, E. F., et al., “Tracing FUV Radiation in the Embedded Phase of Star Formation”, 2011EAS...52..239B ADS
- Ossenkopf, V., Röllig, M., Kramer, C., et al., “The WADI key project: New insights to photon-dominated regions from Herschel observations”, 2011EAS...52..181O ADS
- Kristensen, L. E., Visser, R., van Dishoeck, E. F., et al., “WISHes coming true: water in low-mass star-forming regions with Herschel”, 2011EAS...52..177K ADS
- Krucker, S., Hudson, H. S., Jeffrey, N. L. S., et al., “High-resolution Imaging of Solar Flare Ribbons and Its Implication on the Thick-target Beam Model”, 2011ApJ...739...96K ADS
- Zharkova, V. V., Arzner, K., Benz, A. O., et al., “Recent Advances in Understanding Particle Acceleration Processes in Solar Flares”, 2011SSRv...159..357Z ADS
- White, S. M., Benz, A. O., Christe, S., et al., “The Relationship Between Solar Radio and Hard X-ray Emission”, 2011SSRv...159..225W ADS
- Goldsmith, P. F., Liseau, R., Bell, T. A., et al., “Herschel Measurements of Molecular Oxygen in Orion”, 2011ApJ...737...96G ADS

- Wampfler, S. F., Bruderer, S., Kristensen, L. E., et al., “First hyper-fine resolved far-infrared OH spectrum from a star-forming region”, 2011A&A...531L..16W ADS
- Wampfler, S. F., Bruderer, S., Kristensen, L. E., et al., “First hyper-fine structure resolved OH FIR spectrum of a star-forming region”, 2011IAUS...280P.380W ADS
- Dedes, C., Herpin, F., Chavarría, L., et al., “Studying cooling mechanisms in the massive star forming region IRAS 12326-6245”, 2011IAUS...280P.149D ADS
- Benz, A. O., Bruderer, S., Wampfler, S. F., Dedes, C., & van Dishoeck, E. F., “Tracing X-ray and FUV Radiation in the Embedded Phase of Star Formation”, 2011IAUS...280P..91B ADS
- van Dishoeck, E. F., Kristensen, L. E., Benz, A. O., et al., “Water in Star-forming Regions with the Herschel Space Observatory (WISH). I. Overview of Key Program and First Results”, 2011PASP...123..138V ADS
- Rybák, J., Gömöry, P., Benz, A., Bogachev, P., & Brajša, R., “Heating of the quiet solar corona from measurements of the FET/TESS instrument on-board the KORONAS-FOTON satellite”, 2010nspn.conf..107R ADS
- Sano, H., Sato, J., Horachi, H., et al., “Star-forming Dense Cloud Cores in the TeV Gamma-ray SNR RX J1713.7-3946”, 2010ApJ...724...59S ADS
- Bruderer, S., Benz, A. O., van Dishoeck, E. F., et al., “Herschel/HIFI detections of hydrides towards AFGL 2591. Envelope emission versus tenuous cloud absorption”, 2010A&A...521L..44B ADS
- Bacmann, A., Caux, E., Hily-Blant, P., et al., “First detection of ND in the solar-mass protostar IRAS16293-2422”, 2010A&A...521L..42B ADS
- Johnstone, D., Fich, M., McCoey, C., et al., “Herschel/HIFI spectroscopy of the intermediate mass protostar NGC 7129 FIRS 2”, 2010A&A...521L..41J ADS
- Yıldız, U. A., van Dishoeck, E. F., Kristensen, L. E., et al., “Herschel/HIFI observations of high-J CO lines in the NGC 1333 low-mass star-forming region”, 2010A&A...521L..40Y ADS
- Chavarría, L., Herpin, F., Jacq, T., et al., “Water in massive star-forming regions: HIFI observations of W3 IRS5”, 2010A&A...521L..37C ADS
- Wampfler, S. F., Herczeg, G. J., Bruderer, S., et al., “Herschel observations of the hydroxyl radical (OH) in young stellar objects”, 2010A&A...521L..36W ADS
- Benz, A. O., Bruderer, S., van Dishoeck, E. F., et al., “Hydrides in young stellar objects: Radiation tracers in a protostar-disk-outflow system”, 2010A&A...521L..35B ADS
- Wyrowski, F., van der Tak, F., Herpin, F., et al., “Variations in H₂O/H₂O ratios toward massive star-forming regions”, 2010A&A...521L..34W ADS
- Bergin, E. A., Hogerheijde, M. R., Brinch, C., et al., “Sensitive limits on the abundance of cold water vapor in the DM Tauri protoplanetary disk”, 2010A&A...521L..33B ADS
- Marseille, M. G., van der Tak, F. F. S., Herpin, F., et al., “Water abundances in high-mass protostellar envelopes: Herschel observations with HIFI”, 2010A&A...521L..32M ADS
- Kristensen, L. E., Visser, R., van Dishoeck, E. F., et al., “Water in low-mass star-forming regions with Herschel. HIFI spectroscopy of NGC 1333”, 2010A&A...521L..30K ADS
- Caselli, P., Keto, E., Pagani, L., et al., “Water vapor toward starless cores: The Herschel view”, 2010A&A...521L..29C ADS
- Joblin, C., Pilleri, P., Montillaud, J., et al., “Gas morphology and energetics at the surface of PDRs: New insights with Herschel observations of NGC 7023”, 2010A&A...521L..25J ADS
- Dedes, C., Röllig, M., Mookerjee, B., et al., “The origin of the [C II] emission in the S140 photon-dominated regions. New insights from HIFI”, 2010A&A...521L..24D ADS
- Fuente, A., Berné, O., Cernicharo, J., et al., “Herschel observations in the ultracompact HII region Mon R2. Water in dense photon-dominated regions (PDRs)”, 2010A&A...521L..23F ADS
- Ceccarelli, C., Bacmann, A., Boogert, A., et al., “Herschel spectral surveys of star-forming regions. Overview of the 555-636 GHz range”, 2010A&A...521L..22C ADS
- Lis, D. C., Pearson, J. C., Neufeld, D. A., et al., “Herschel/HIFI discovery of interstellar chloronium (H₂Cl⁺)”, 2010A&A...521L..9L ADS
- Cernicharo, J., Waters, L. B. F. M., Decin, L., et al., “A high-resolution line survey of IRC +10216 with Herschel/HIFI. First results: Detection of warm silicon dicarbide (SiC₂)”, 2010A&A...521L...8C ADS
- Bruderer, S., Benz, A. O., Stäuber, P., & Doty, S. D., “Multidimensional Chemical Modeling of Young Stellar Objects. III. The Influence of Geometry on the Abundance and Excitation of Diatomic Hydrides”, 2010ApJ...720..1432B ADS
- Benz, A. O. & Güdel, M., “Physical Processes in Magnetically Driven Flares on the Sun, Stars, and Young Stellar Objects”, 2010ARA&A...48..241B ADS
- Bruderer, S., Benz, A. O., Stäuber, P., & Doty, S. D., “Multidimensional Chemical Modeling. III. Abundance and excitation of diatomic hydrides”, 2010arXiv1007.3261B ADS
- Hartogh, P., Crovisier, J., de Val-Borro, M., et al., “HIFI observations of water in the atmosphere of comet C/2008 Q3 (Garradd)”, 2010A&A...518L.150H ADS
- van Kempen, T. A., Kristensen, L. E., Herczeg, G. J., et al., “Origin of the hot gas in low-mass protostars. Herschel-PACS spectroscopy of HH 46”, 2010A&A...518L.121V ADS
- Nisini, B., Benedettini, M., Codella, C., et al., “Water cooling of shocks in protostellar outflows. Herschel-PACS map of L1157”, 2010A&A...518L.120N ADS
- Falgarone, E., Ossenkopf, V., Gerin, M., et al., “Strong CH J = 1-0 emission and absorption in DR21”, 2010A&A...518L.118F ADS
- Ossenkopf, V., Müller, H. S. P., Lis, D. C., et al., “Detection of interstellar oxidaniumyl: Abundant H₂O towards the star-forming regions DR21, Sgr B2, and NGC6334”, 2010A&A...518L.1110 ADS
- van der Tak, F. F. S., Marseille, M. G., Herpin, F., et al., “Water abundance variations around high-mass protostars: HIFI observations of the DR21 region”, 2010A&A...518L.107V ADS
- Fich, M., Johnstone, D., van Kempen, T. A., et al., “Herschel-PACS spectroscopy of the intermediate mass protostar NGC 7129 FIRS 2”, 2010A&A...518L..86F ADS
- Ossenkopf, V., Röllig, M., Simon, R., et al., “HIFI observations of warm gas in DR21: Shock versus radiative heating”, 2010A&A...518L..790 ADS
- de Graauw, T., Helmich, F. P., Phillips, T. G., et al., “The Herschel-Heterodyne Instrument for the Far-Infrared (HIFI)”, 2010A&A...518L...6D ADS
- Torii, K., Kudo, N., Fujishita, M., et al., “Temperature and Density in the Foot Points of the Molecular Loops in the Galactic Center; Analysis of Multi-J Transitions of ¹²CO (J = 1-0, 3-2, 4-3, 7-6), ¹³CO (J = 1-0), and C¹⁸O (J = 1-0)”, 2010PASJ...62..675T ADS
- Hurford, G. J., Benz, A., Dennis, B., et al., “Observing Solar Hard X-rays from Heliospheric Orbits”, 2010AAS...21640416H ADS
- Benz, A.: 2010, *GT1abenz1: Completing the OH ladder for HH 46*, Herschel Space Observatory Proposal, id.586 2010hers.prop..586B ADS
- Mizuno, Y., Kawamura, A., Onishi, T., et al., “Warm and Dense Molecular Gas in the N 159 Region: ¹²CO J = 4-3 and ¹³CO J = 3-2 Observations with NANTEN2 and ASTE”, 2010PASJ...62...51M ADS
- Goldsmith, P., Encrenaz, P., Liseau, R., et al., “Initial results from the Herschel Oxygen Project”, 2010cosp...38.2480G ADS
- Benz, A. O., Monstein, C., Beverland, M., Meyer, H., & Stuber, B., “High Spectral Resolution Observation of Decimetric Radio Spikes Emitted by Solar Flares - First Results of the Phoenix-3 Spectrometer”, 2009SoPh...260..375B ADS
- Dabrowski, B. P. & Benz, A. O., “Correlation between decimetric radio emission and hard X-rays in solar flares”, 2009A&A...504..565D ADS
- Bruderer, S., Doty, S. D., & Benz, A. O., “Chemical Modeling of Young Stellar Objects. I. Method and Benchmarks”, 2009ApJS...183..179B ADS
- Bruderer, S., Benz, A. O., Bourke, T. L., & Doty, S. D., “Evidence of warm and dense material along the outflow of a high-mass YSO”, 2009A&A...503L..13B ADS
- Bruderer, S., Benz, A. O., Doty, S. D., van Dishoeck, E. F., & Bourke, T. L., “Multidimensional Chemical Modeling of Young Stellar Objects. II. Irradiated Outflow Walls in a High-Mass Star-Forming Region”, 2009ApJ...700..872B ADS
- Battaglia, M. & Benz, A. O., “Do solar decimetric spikes originate in coronal X-ray sources?”, 2009A&A...499L..33B ADS
- Battaglia, M., Fletcher, L., & Benz, A. O., “Observations of conduction driven evaporation in the early rise phase of solar flares”, 2009A&A...498..891B ADS
- Benz, A. O., Monstein, C., Meyer, H., et al., “A World-Wide Net of Solar Radio Spectrometers: e-CALLISTO”, 2009EM&P...104..277B ADS
- Bullock, M. A., Senske, D. A., Balint, T. S., et al., “A Venus Flagship Mission: Report of the Venus Science and Technology Definition Team”, 2009LPI...40.2410B ADS
- Wild, W., Kardashev, N. S., Likhachev, S. F., et al., “Millimetric-a large Russian-European submillimeter space observatory”, 2009ExA...23..221W ADS
- Bong, S.-C., Kim, Y.-H., Roh, H.-S., et al., “Construction of AN E-Callisto Station in Korea”, 2009JKAS...42...1B ADS
- Benz, A. O., “Radio Bursts of the Non-Thermal Sun”, 2009LanB...4B..189B ADS
- Benz, A. O., “Radio Emission of the Quiet Sun”, 2009LanB...4B..103B ADS
- Dabrowski, B. P. & Benz, A. O., “On the Relation Between Decimetric and Hard X-ray Emissions in the Impulsive Flare Phase”, 2009CEAB...33..221D ADS
- Romštajn, I., Brajša, R., Wöhl, H., et al., “Solar Differential Rotation Determined by Tracing Low and High Brightness Temperature Regions at 8 mm”, 2009CEAB...33...79R ADS

- Brajša, R., Romštajn, I., Wöhl, H., et al., “Heights of solar tracers observed at 8 mm and an interpretation of their radiation”, 2009A&A...493..613B ADS
- Benz, A. O., “Flare Observations”, 2008LRSP...5...1B ADS
- Senske, D., Bullock, M., Balint, T., et al., “A Venus Flagship Mission: Exploring a World of Contrasts”, 2008AGUFM.P22A..08S ADS
- Dabrowski, B. & Benz, A. O., “Correlation of Decimetric Radio Emission and Hard X-rays in Solar Flares”, 2008ESPM...122.106D ADS
- Battaglia, M., Fletcher, L., & Benz, A. O., “The Pre-flare Phase: Key to Understanding Energy and Mass Transport in Flare Loops”, 2008ESPM...12.2.85B ADS
- Grigis, P. C. & Benz, A. O., “Spectral Hardening in Large Solar Flares”, 2008ApJ...683.1180G ADS
- Battaglia, M. & Benz, A. O., “Observational evidence for return currents in solar flare loops”, 2008A&A...487..337B ADS
- de Graauw, T., Whyborn, N., Helmich, F., et al., “The Herschel-Heterodyne Instrument for the Far-Infrared (HIFI): instrument and pre-launch testing”, 2008SPIE.7010E..04D ADS
- Benz, A. O., “Concluding remarks”, 2008IAUS...247..366B ADS
- Battaglia, M. & Benz, A. O., “New Evidence for Return Currents in Solar Flare Loops”, 2008AGUSMSH51C..07B ADS
- Ossenkopf, V., Gerin, M., Güsten, R., et al., “Prospectives of Herschel PDR observations”, 2008EAS...31..1930 ADS
- Mizuno, Y., Mizuno, N., Kawamura, A., et al., “The Results of Sub-mm Observations in the Large Magellanic Cloud with the NANTEN2 Telescope”, 2008ASSP...5..313M ADS
- Webb, D. F., Melrose, D. B., Benz, A. O., et al., “Division II: Sun and Heliosphere”, 2007IAUTB..26..101W ADS
- Grigis, P. C. & Benz, A. O., “Spectral Hardening of Large Solar Flares”, 2007AGUFMSH53A1062G ADS
- Benz, A. O., Stäuber, P., Bourke, T. L., et al., “Energetic radiation and the sulfur chemistry of protostellar envelopes: submillimeter interferometry of AFGL 2591”, 2007A&A...475..549B ADS
- Benz, A. O., Stauber, P., Bourke, T. L., et al., “VizieR Online Data Catalog: AFGL 2591 maps in CS, SO and HCN lines (Benz+, 2007)”, 2007yCat...34750549B ADS
- Brajša, R., Benz, A. O., Temmer, M., et al., “An Interpretation of the Coronal Holes’ Visibility in the Millimeter Wavelength Range”, 2007SoPh...245..167B ADS
- Benz, A. O., Grigis, P. C., & Battaglia, M., “Electron acceleration in solar flares: observations versus numerical simulations”, 2007HiA....14...87B ADS
- Stäuber, P., Benz, A. O., Jørgensen, J. K., et al., “Tracing high energy radiation with molecular lines near deeply embedded protostars”, 2007A&A...466..977S ADS
- Battaglia, M. & Benz, A. O., “Exploring the connection between coronal and footprint sources in a thin-thick target solar flare model”, 2007A&A...466..713B ADS
- Melrose, D. B., Klimchuk, J. A., Benz, A. O., et al., “Commission 10: Solar Activity”, 2007IAUTA..26...75M ADS
- Webb, D. F., Melrose, D. B., Benz, A. O., et al., “Division II: Sun and Heliosphere”, 2007IAUTA..26...69W ADS
- Benz, A. O., Brajša, R., & Magdalenic, J., “Are There Radio-quiet Solar Flares?”, 2007SoPh...240..263B ADS
- Benz, A. O., Brajša, R., & Magdalenic, J., “Are there Radio-quiet Solar Flares?”, 2007astro.ph..1566B ADS
- Brajša, R., Benz, A. O., Temmer, M., et al., “On the Visibility of Coronal Holes in Microwaves”, 2007CEAB...31..219B ADS
- Grigis, P. C. & Benz, A. O., “Electron acceleration in solar flares: theory of spectral evolution”, 2006A&A...458..641G ADS
- Battaglia, M. & Benz, A. O., “Relations between concurrent hard X-ray sources in solar flares”, 2006A&A...456..751B ADS
- Fukui, Y., Onishi, T., Mizuno, N., et al., “NANTEN2 Project: CO and CI Survey of the Southern Sky”, 2006IAUSS...1E..21F ADS
- Benz, A. O., Grigis, P. C., & Battaglia, M., “Electron Acceleration in Solar Flares: Observations versus Numerical Simulations”, 2006IAUJD...1E...6B ADS
- Stäuber, P., Jørgensen, J. K., van Dishoeck, E. F., Doty, S. D., & Benz, A. O., “Water destruction by X-rays in young stellar objects”, 2006A&A...453..555S ADS
- Grigis, P. C. & Benz, A. O., “Comparison of Electron Stochastic Acceleration Models with RHESSI Hard X-Ray Observations of Solar Flares”, 2006SPD...37.2802G ADS
- Battaglia, M. & Benz, A. O., “Relations Between Concurrent Hard X-ray Sources In Solar Flares”, 2006SPD...37.2801B ADS
- Grigis, P. C. & Benz, A. O., “RHESSI observation of flare elements”, 2006astro.ph..2302G ADS
- Benz, A. O., “Radio Emission of Solar Flare Particle Acceleration”, 2006pre6.conf..325B ADS
- Benz, A. O., Perret, H., Saint-Hilaire, P., & Zlobec, P., “Extended decimeter radio emission after large solar flares”, 2006AdSpR...38..951B ADS
- Grigis, P. C. & Benz, A. O., “RheSSI Observation of Flare Elements”, 2005ESASP.600E..35G ADS
- Benz, A. O., Grigis, P. C., Hungerbühler, V., et al., “A broadband FFT spectrometer for radio and millimeter astronomy”, 2005A&A...442..767B ADS
- Benz, A.: 2005, X-Ray emission from high-mass protostar AFGL 2591, Chandra Proposal ID 07201008 2005cxo..prop.1902B ADS
- Arzner, K. & Benz, A. O., “Temporal Correlation of Hard X-Rays and Meter/Decimeter Radio Structures in Solar Flares”, 2005SoPh...231..117A ADS
- Stäuber, P., Doty, S. D., van Dishoeck, E. F., & Benz, A. O., “X-ray chemistry in the envelopes around young stellar objects”, 2005A&A...440..949S ADS
- Battaglia, M., Grigis, P. C., & Benz, A. O., “Size dependence of solar X-ray flare properties”, 2005A&A...439..737B ADS
- Grigis, P. C. & Benz, A. O., “The Evolution of Reconnection along an Arcade of Magnetic Loops”, 2005ApJ...625L.143G ADS
- Saint-Hilaire, P. & Benz, A. O., “Thermal and non-thermal energies of solar flares”, 2005A&A...435..743S ADS
- Bianda, M., Benz, A. O., Stenflo, J. O., Küveler, G., & Ramelli, R., “Absence of linear polarization in H α emission of solar flares”, 2005A&A...434.1183B ADS
- Grigis, P. C. & Benz, A. O., “The spectral evolution of impulsive solar X-ray flares. II. Comparison of observations with models”, 2005A&A...434.1173G ADS
- Saint-Hilaire, P. & Benz, A. O., “Thermal and non-thermal energies in solar flares”, 2005astro.ph..3078S ADS
- Benz, A. O., Monstein, C., & Meyer, H., “Callisto A New Concept for Solar Radio Spectrometers”, 2005SoPh...226..143B ADS
- Benz, A. O., Grigis, P. C., Csillaghy, A., & Saint-Hilaire, P., “Survey on Solar X-ray Flares and Associated Coherent Radio Emissions”, 2005SoPh...226..121B ADS
- Stäuber, P., Benz, A. O., Doty, S. D., & van Dishoeck, E. F., “X-ray chemistry in the envelopes around young stellar objects”, 2005ESASP.577..413S ADS
- Grigis, P. C., Buser, D., & Benz, A. O., “Time Evolution of the Spectral Index in Solar Flares”, 2005ASSL...320..199G ADS
- Grigis, P. C. & Benz, A. O., “The spectral evolution of impulsive solar X-ray flares”, 2004A&A...426.1093G ADS
- Stäuber, P., Doty, S. D., van Dishoeck, E. F., Jørgensen, J. K., & Benz, A. O., “Influence of UV radiation from a massive YSO on the chemistry of its envelope”, 2004A&A...425..577S ADS
- Benz, A. O., “Decimeter Burst Emission and Particle Acceleration”, 2004ASSL...314..203B ADS
- Saint-Hilaire, P. & Benz, A. O., “Thermal and non-thermal energies of solar flares”, 2004AAS...204.4715S ADS
- Saint-Hilaire, P. & Benz, A. O., “Thermal vs. non-thermal energies in solar flares”, 2004cosp...35.1576S ADS
- Grigis, P. C. & Benz, A. O., “Time evolution of the spectral hardness in solar hard X-ray flares”, 2004cosp...35.1096G ADS
- Benz, A. O., Perret, H., Saint-Hilaire, P., & Zlobec, P., “Electron Trapping, Reconnection, or Shock Acceleration? Radio Afterglows in the 12X-Events of Oct/Nov 2003”, 2004cosp...35..345B ADS
- Benz, A. O., Grigis, P. C., & Krucker, S., “Variations in Solar X-ray Flux and its Relevance to the Coronal Heating Problem”, 2004cosp...35..343B ADS
- Benz, A. O., “Nanoflares and the Heating of the Solar Corona”, 2004IAUS...219..461B ADS
- “Stars as suns : activity, evolution and planets”, 2004IAUS...219....D ADS
- Christe, S., Krucker, S., Lin, R. P., Arzner, K., & Benz, A. O., “First Detection of Hard X-ray Emission From Solar Type III Radio Bursts”, 2003AGUFMSH11D1131C ADS
- Stäuber, P., Benz, A. O., Doty, S. D., van Dishoeck, E. F., & Jørgensen, J. K., “High-Energy Radiation Probes of Protostellar Envelopes”, 2003astro.ph.11022S ADS
- Saint-Hilaire, P. & Benz, A. O., “Hard X-rays, ejecta, and their associated decimetric radio emission in solar flares”, 2003SoPh...216..205S ADS
- Benz, A. O. & Grigis, P. C., “Micro-events in the active and quiet solar corona”, 2003AdSpR...32.1035B ADS
- Smith, K., Pestalozzi, M., Güdel, M., Conway, J., & Benz, A. O., “VLBI observations of T Tauri South”, 2003A&A...406..957S ADS
- Smith, K. W., Pestalozzi, M., Conway, J., Güdel, M., & Benz, A. O., “Resolving the Magnetosphere of T Tauri South B”, 2003ANS...324R..70S ADS
- Benz, A. O., “Coronal Heating and Microflares in Solar Active and Quiet Regions”, 2003ANS...324...8B ADS
- Paesold, G. & Benz, A. O., “Test particle simulation of the Electron Firehose instability”, 2003A&A...401..711P ADS

- , “The Reuven Ramaty High-Energy Solar Spectroscopic Imager (RHESSI) - Mission Description and Early Results”, 2003rrhe.conf...L ADS
- Benz, A. O., “Radio Diagnostics of Flare Energy Release”, in L. Klein (Ed.), Energy Conversion and Particle Acceleration in the Solar Corona, Vol. 612, 80–95 2003LNP...612...80B ADS
- Benz, A. O., “Division II: The Sun and heliosphere (Soleil et héliosphère)”, 2003IAUTA...25...73B ADS
- Smith, K., Pestalozzi, M., Guedel, M., Conway, J., & Benz, A., “The Magnetosphere of T Tauri South”, 2003IAUS...221P.166S ADS
- Paesold, G., Kallenbach, R., & Benz, A. O., “Acceleration and Enrichment of ^3He in Impulsive Solar Flares by Electron Firehose Waves”, 2003ApJ...582...495P ADS
- Benz, A. O. & Saint-Hilaire, P., “Solar flare electron acceleration: Comparing theories and observations”, 2003AdSpR...32.2415B ADS
- Molotov, I., Lipatov, B., Dementiev, A., et al., “International low-frequency very-long-baseline interferometry network project milestones”, 2003A&AT...22...743M ADS
- Benz, A. O. & Grigis, P. C., “Microflares and hot component in solar active regions”, 2002SoPh...210...431B ADS
- Saint-Hilaire, P. & Benz, A. O., “Energy budget and imaging spectroscopy of a compact flare”, 2002SoPh...210...287S ADS
- Saint-Hilaire, P., von Praun, C., Stolte, E., et al., “The RHESSI Experimental Data Center”, 2002SoPh...210...143S ADS
- Lin, R. P., Dennis, B. R., Hurford, G. J., et al., “The Reuven Ramaty High-Energy Solar Spectroscopic Imager (RHESSI)”, 2002SoPh...210...3L ADS
- Lin, R., Dennis, B., Benz, A., et al., “Preface”, 2002SoPh...210...1L ADS
- Benz, A.: 2002, *Plasma Astrophysics, second edition*, Vol. 279 2002ASSL...279...B ADS
- Khan, J. I., Vilmer, N., Saint-Hilaire, P., & Benz, A. O., “The solar coronal origin of a slowly drifting decimetric-metric pulsation structure”, 2002A&A...388...363K ADS
- Paesold, G., Kallenbach, R., & Benz, A. O., “Acceleration and Enrichment of ^3He in Impulsive Solar Flares by Electron Firehose Waves”, 2002AGUSMSH32B...02P ADS
- Benz, A. O. & Krucker, S., “Energy Distribution of Microevents in the Quiet Solar Corona”, 2002ApJ...568...413B ADS
- Benz, A., “Das Plasma-Universum”, 2002Orion...60a...4B ADS
- Benz, A. O., Saint-Hilaire, P., & Vilmer, N., “Location of narrowband spikes in solar flares”, 2002A&A...383...678B ADS
- Khan, J. I., Vilmer, N., Saint-Hilaire, P., & Benz, A. O., “The Solar Coronal Origin of a Slowly Drifting Radio Pulsation Feature”, 2002mwoc.conf...285K ADS
- Benz, A., “Flare electrons: comparing theories and observations”, 2002cosp...34E1930B ADS
- Benz, A. & Krucker, S., “Micro-events in the Quiet Solar Corona”, 2002cosp...34E1929B ADS
- Molotov, I. E., Likhachev, S. F., Chuprikov, A. A., et al., “Low Frequency VLBI Project”, 2002IAUS...199...492M ADS
- Smith, K. W., Pestalozzi, M., Conway, J., Guedel, M., & Benz, A. O., “Resolving the magnetosphere of T Tauri south B.”, 2002AGAb...19Q...94S ADS
- Benz, A. O., Lin, R. P., Sheiner, O. A., Krucker, S., & Fainberg, J., “The Source Regions of Impulsive Solar Electron Events”, 2001SoPh...203...131B ADS
- Islaker, H. & Benz, A. O., “On the reliability of peak-flux distributions, with an application to solar flares”, 2001A&A...375.1040I ADS
- Pohjolainen, S., Maia, D., Pick, M., et al., “On-the-Disk Development of the Halo Coronal Mass Ejection on 1998 May 2”, 2001ApJ...556...421P ADS
- Mitra-Kraev, U. & Benz, A. O., “A nanoflare heating model for the quiet solar corona”, 2001A&A...373...318M ADS
- Krucker, S. & Benz, A. O., “Are Heating Events in the Quiet Solar Corona Small Flares?”, 2001AGUSM...SP52B03K ADS
- Benz, A. O., “Heating the Quiet Corona by Nanoflares: Evidence and Problems”, 2001AGUSM...SP51C06B ADS
- Mitra Kraev, U. & Benz, A. O., “A Nanoflare Heating Model for the Quiet Solar Corona”, 2001AGUSM...SP41A02M ADS
- Paesold, G., Benz, A. O., Klein, K. L., & Vilmer, N., “Spatial analysis of solar type III events associated with narrow band spikes at metric wavelengths”, 2001A&A...371...333P ADS
- Benz, A. O., “Astronomy: Brown dwarf is a radio star”, 2001Natur.410...310B ADS
- Benz, A. O., Bogdan, T., Foukal, P. V., et al., “Division II: Sun and Heliosphere”, 2001IAUTB...24...110B ADS
- Brown, J. C., Krucker, S., Güdel, M., & Benz, A. O., “Mechanisms for Coronal Mass Supply by Evaporative Micro-Events”, 2001IAUS...203...498B ADS
- Benz, A. O. & Krucker, S., “Heating the Quiet Corona by Nanoflares: Evidence and Problems”, 2001IAUS...203...471B ADS
- Benz, A. O., Messmer, P., & Monstein, C., “High-sensitivity observations of solar flare decimeter radiation”, 2001A&A...366...326B ADS
- Benz, A., “Solar Flare Observations”, in P. Murdin (Ed.), Encyclopedia of Astronomy and Astrophysics, 2049 2000eaa...bookE2049B ADS
- Kliem, B., Karlický, M., & Benz, A. O., “Solar flare radio pulsations as a signature of dynamic magnetic reconnection”, 2000A&A...360...715K ADS
- Brown, J. C., Krucker, S., Güdel, M., & Benz, A. O., “Mechanisms for dynamic coronal mass supply via evaporative solar “micro-events””, 2000A&A...359...1185B ADS
- Robinson, P. A. & Benz, A. O., “Bidirectional Type III Solar Radio Bursts”, 2000SoPh...194...345R ADS
- Benz, A. O., Krucker, S., & Mitra Kraev, U., “Coronal Replenishment and Heating”, 2000SPD...31.0217B ADS
- Krucker, S. & Benz, A. O., “Are Heating Events in the Quiet Solar Corona Small Flares? Multiwavelength Observations of Individual Events”, 2000SoPh...191...341K ADS
- Messmer, P. & Benz, A. O., “The Minimum bandwidth of narrowband spikes in solar flare decimetric radio waves”, 2000A&A...354...287M ADS
- Shmeld, I., Benz, A., Dementjev, A., et al., “The first VLBI observations with the Ventpils 32m radio telescope under the LFNV project”, 2000evn...conf...247S ADS
- Pestalozzi, M., Benz, A. O., Conway, J. E., Güdel, M., & Smith, K., “VLBI observations of single stars, spatial resolution and astrometry”, 2000evn...conf...167P ADS
- Ai, G., Benz, A., Dere, K. P., et al., “Commission 10: Solar Activity: (Activite Solaire)”, 2000IAUTA...24...67A ADS
- Foukal, P., Ai, G., Benz, A., et al., “Division II: The Sun and Heliosphere: (Le Soleil et Heliosphere)”, 2000IAUTA...24...65F ADS
- Fernandes, F. C. R., Sawants, H. S., Meléndez, J. L., Benz, A. O., & Kane, S. R., “Investigations of the Acceleration Region of Energetic Electrons Associated with Decimetric Type III and X-Ray Bursts”, 2000AdSpR...25.1813F ADS
- Pestalozzi, M. R., Benz, A. O., Conway, J. E., & Güdel, M., “VLBI observations of two single dMe stars: spatial resolution and astrometry”, 2000A&A...353...569P ADS
- Krucker, S. & Benz, A. O., “Heating Events in the Quiet Solar Corona”, 1999spro.proc...25K ADS
- Benz, A. O. & Krucker, S., “Heating Events Observed in the Quiet Corona”, 1999ESASP.448...547B ADS
- Paesold, G. & Benz, A. O., “Electron Firehose instability and acceleration of electrons in solar flares”, 1999A&A...351...741P ADS
- Smith, K., Güdel, M., & Benz, A. O., “Radio counterparts to extreme X-ray YSO’s”, 1999A&A...349...475S ADS
- Csillaghy, A. & Benz, A. O., “Interactive image retrieval in large astronomical archives: the ASPECT system”, 1999SoPh...188...203C ADS
- Messmer, P., Benz, A. O., & Monstein, C., “PHOENIX-2: A New Broadband Spectrometer for Decimetric and Microwave Radio Bursts First Results”, 1999SoPh...187...335M ADS
- Meléndez, J. L., Sawant, H. S., Fernandes, F. C. R., & Benz, A. O., “Statistical analysis of high-frequency decimetric type III bursts”, 1999SoPh...187...77M ADS
- Pick, M., Maia, D., Vourlidas, A., et al., “Large-scale structure and coronal dynamics from joint radio, SOHO/EIT and coronagraph observations”, 1999AIPC...471...649P ADS
- Benz, A. O. & Krucker, S., “Quantitative results on heating events in the quiet solar corona”, 1999AIPC...471...67B ADS
- Alef, W., Benz, A., Conway, J., & Beasley, T., “Phase-reference mapping of nearby stars: status report.”, 1999evga.conf...241A ADS
- Benz, A. O. & Krucker, S., “Heating events in the quiet solar corona: multi-wavelength correlations”, 1999A&A...341...286B ADS
- Lin, R. P., Hurford, G. J., Madden, N. W., et al., “High-Energy Solar Spectroscopic Imager (HESSI) Small Explorer mission for the next (2000) solar maximum”, 1998SPIE.3442...2L ADS
- Benz, A. O. & Krucker, S., “Heating Events in the Quiet Solar Corona”, 1998SoPh...182...349B ADS
- Benz, A., “Kulturelle Kontakte zu Außerirdischen?”, 1998A&R...35...17B ADS
- Islaker, H., Vlahos, L., Benz, A. O., & Raoult, A., “A stochastic model for solar type III bursts”, 1998A&A...336...371I ADS
- Krucker, S. & Benz, A. O., “Energy Distribution of Heating Processes in the Quiet Solar Corona”, 1998ApJ...501L.213K ADS
- Trottet, G., Vilmer, N., Barat, C., et al., “A multiwavelength analysis of an electron-dominated gamma-ray event associated with a disk solar flare”, 1998A&A...334.1099T ADS
- Benz, A. O. & Mann, G., “Intermediate drift bursts and the coronal magnetic field”, 1998A&A...333.1034B ADS
- Aschwanden, M. J., Dennis, B. R., & Benz, A. O., “Logistic Avalanche Processes, Elementary Time Structures, and Frequency Distributions in Solar Flares”, 1998ApJ...497...972A ADS

- Benz, A. O., Conway, J., & Gudel, M., "First VLBI images of a main-sequence star", 1998A&A...331..596B ADS
- Messmer, P., Benz, A. O., Monstein, C., & Zmoos, C., "PHOENIX-2: A Broad-band Spectrometer for Decimetric and Microwave Radio Bursts: First Results", 1998cee..workE..55M ADS
- Fernandes, F. C. R., Melendez, J. L., Sawant, H. S., & Benz, A. O., "High Frequency Decimetric Type III Bursts", 1998cee..workE..36F ADS
- Benz, A. O., "What should we call a spike burst?", 1998cee..workE..16B ADS
- Benz, A. O. & Reiner, M. J., "Remote Radio Tracking of CMEs from Wind and ULYSSES", 1998cee..workE..15B ADS
- Aschwanden, M. J., Dennis, B. R., Schwartz, R. A., et al., "Logistic Avalanche Processes, Elementary Time Structures, Frequency Distributions, and Wavelet Analysis of Solar Flares", 1998cee..workE..10A ADS
- Krucker, S. & Benz, A. O., "Radio Wave and Soft X-ray Diagnostics of Heating Events in the Quiet Solar Corona", 1998cee..workE..7K ADS
- Benz, A. O., Gudel, M., & Conway, J., "First Image of the Corona of a Main-Sequence Star", 1998ASPC...154.1942B ADS
- Bastian, T. S., Benz, A. O., & Gary, D. E., "Radio Emission from Solar Flares", 1998ARA&A...36..131B ADS
- Benz, A. O. & Paesold, G., "A search for prompt radio emission of gamma-ray bursts", 1998A&A...329..61B ADS
- Holman, G. D., Lin, R. P., Dennis, B. R., et al., "The High Energy Solar Spectroscopic Imager (HESSI): A Small Explorer for the Start of the New Millennium", 1997AAS...191.7416H ADS
- Krucker, S., Benz, A. O., Bastian, T. S., & Acton, L. W., "X-Ray Network Flares of the Quiet Sun", 1997ApJ...488..499K ADS
- Benz, A. O. & Pianezzi, P., "The dispersion of radio waves in the solar corona.", 1997A&A...323..250B ADS
- Keller, C., Bastian, T., Benz, A., & Krucker, S., "Chromospheric Events in the Quiet Network", 1997SPD...28.1304K ADS
- Fernandes, F. C. R., Sawant, H. S., Melendez-Moreno, J. L., et al., "Decimetric Type III Radio Bursts with High Starting Frequencies and the Associated Solar Flare Hard X-Ray Emission", 1997SPD...28.0172F ADS
- Aschwanden, M. J. & Benz, A. O., "Electron Densities in Solar Flare Loops, Chromospheric Evaporation Upflows, and Acceleration Sites", 1997ApJ...480..825A ADS
- Benz, A. O., Krucker, S., Acton, L. W., & Bastian, T. S., "Fine structure of the X-ray and radio emissions of the quiet solar corona.", 1997A&A...320..993B ADS
- Alef, W., Benz, A. O., & Guedel, M., "VLBI measurement of the size of dMe stars.", 1997A&A...317..707A ADS
- Benz, A. O., "Energy Release Processes in Active Regions", in G. M. Simnett, C. E. Alissandrakis, and L. Vlahos (Eds.), European Meeting on Solar Physics, Vol. 489, 201 1997LNP...489..201B ADS
- Benz, A. O., Krucker, S., Acton, L. W., & Bastian, T. S., "X-Ray/Radio Network Flares of the Quiet Sun", 1997IAUJD...19E..1B ADS
- Krucker, S., Benz, A. O., & Delaboudinière, J. P., "Coronal EUV and Radio Variability and Heating", 1997ESASP.404..465K ADS
- Krucker, S., Benz, A. O., & Aschwanden, M. J., "YOHKOH observation of the source regions of solar narrowband, millisecond spike events.", 1997A&A...317..569K ADS
- Guedel, M., Benz, A. O., Schmitt, J. H. M. M., & Skinner, S. L., "The Neupert Effect in Active Stellar Coronae: Chromospheric Evaporation and Coronal Heating in the dMe Flare Star Binary UV Ceti", 1996ApJ...471.1002G ADS
- Dennis, B. R., Crannell, C. J., Holman, G. D., et al., "The High Energy Solar Spectroscopic Imager - HESSI", 1996AAS...188.7016D ADS
- Benz, A. O., Csillaghy, A., & Aschwanden, M. J., "Metric spikes and electron acceleration in the solar corona.", 1996A&A...309..291B ADS
- Krucker, S., Benz, A. O., Aschwanden, M. J., & Bastian, T. S., "Location of Type I Radio Continuum and Bursts on YOHKOH Soft X-ray Maps", 1996mpsa.conf..441K ADS
- Benz, A. O., "Radio Astronomical Diagnostics", in C. Chiuderi and G. Einaudi (Eds.), Plasma Astrophysics, Vol. 468, 213 1996LNP...468..213B ADS
- Krucker, S., Benz, A. O., & Aschwanden, M. J., "Soft X-Ray (Yohkoh) and Radio (VLA) Observations of Solar Narrowband, Millisecond Spike Events", 1996ASPC...111..129K ADS
- Benz, A. O., "Coherent Radio Emission of Solar Flares in the Decimeter Range (0.3-3 GHz)", 1996ASPC...93..347B ADS
- Gudel, M., Benz, A. O., Guinan, E. F., & Schmitt, J. H. M. M., "The Enigmatic FOV Star 47 CAS", 1996ASPC...93..309G ADS
- Gudel, M., Benz, A. O., Guinan, E. F., & Schmitt, J. H. M. M., "Nonthermal Microwave Emission from F Dwarfs: 71 Tau; alpha For; and Open Cluster/Moving Group Membership", 1996ASPC...93..306G ADS
- Gudel, M. & Benz, A. O., "Radio Spectra of dMe and dKe Stars", 1996ASPC...93..303G ADS
- Benz, A. O., Gudel, M., & Schmitt, J. H. M. M., "Variability of UV Ceti in Radio and Soft X-ray Emission", 1996ASPC...93..291B ADS
- Benz, A. O., Gudel, M., & Mattei, J. A., "Radio Emission of Dwarf Novae", 1996ASPC...93..188B ADS
- Benz, A. O. & Hafliger, P. D., "Prompt Radio Emission of Supernovae: Plasma Radiation Alternative?", 1996ASPC...93..150B ADS
- Benz, A. O., Graham, D., Isliker, H., et al., "Very long baseline interferometry of solar microwave radiation.", 1996A&A...305..970B ADS
- Aschwanden, M. J., Benz, A. O., Dennis, B. R., & Schwartz, R. A., "Solar Electron Beams Detected in Hard X-Rays and Radio Waves", 1995ApJ...455..347A ADS
- Guedel, M., Schmitt, J. H. M. M., & Benz, A. O., "Microwave emission from X-ray bright solar-like stars: the F-G main sequence and beyond.", 1995A&A...302..775G ADS
- Krucker, S., Aschwanden, M. J., Bastian, T. S., & Benz, A. O., "First VLA observation of a solar narrowband, millisecond spike event.", 1995A&A...302..551K ADS
- Guedel, M., Schmitt, J. H. M. M., Benz, A. O., & Elias, N. M., I., "The corona of the young solar analog EK Draconis.", 1995A&A...301..201G ADS
- Krucker, S., Benz, A. O., Aschwanden, M. J., & Bastian, T. S., "Location of Type I Radio Continuum and Bursts on YOHKOH Soft X-Ray Maps", 1995SoPh...160..151K ADS
- Benz, A. O., Alef, W., & Guedel, M., "VLBI observations of single main-sequence M stars.", 1995A&A...298..187B ADS
- Aschwanden, M. J., Montello, M. L., Dennis, B. R., & Benz, A. O., "Sequences of Correlated Hard X-Ray and Type III Bursts during Solar Flares", 1995ApJ...440..394A ADS
- "Stellar Remnants", 1995stre.conf....B ADS
- Benz, A. O., "Radio Emission from Flares in Single Late-type Stars", in J. Greiner, H. W. Duerbeck, and R. E. Gershberg (Eds.), IAU Colloq. 151: Flares and Flashes, Vol. 454, 23 1995LNP...454...23B ADS
- Benz, A. O., "Flares and Coronal Heating in the Sun and Stars", in A. O. Benz and A. Krüger (Eds.), Coronal Magnetic Energy Releases, Vol. 444, 1 1995LNP...444...1B ADS
- Benz, A. O. & Krüger, A.: 1995, Coronal Magnetic Energy Releases, Vol. 444 1995LNP...444....B ADS
- Aschwanden, M. J. & Benz, A. O., "Chromospheric Evaporation and Decimetric Radio Emission in Solar Flares", 1995ApJ...438..997A ADS
- Guedel, M., Schmitt, J. H. M. M., & Benz, A. O., "A bright X-ray and radio corona on the FOV star 47 Cas?", 1995A&A...293L..49G ADS
- Benz, A. O. & van Oss, R. F., "Book-Review - Plasma Astrophysics", 1994SoPh...154..203B ADS
- Aschwanden, M. J., Dennis, B. R., & Benz, A. O.: 1994, Electron beams in solar flares, Technical Report, Maryland Univ. College Park, MD United States Dept. of Astronomy. 1994umd..reptR....A ADS
- Benz, A. O., Kosugi, T., Aschwanden, M. J., et al., "Particle Acceleration in Flares", 1994SoPh...153..33B ADS
- Gudel, M., Schmitt, J. H. M. M., & Benz, A. O., "Discovery of Microwave Emission from Four Nearby Solar-Type G Stars", 1994Sci...265..933G ADS
- Aschwanden, M. J., Benz, A. O., & Montello, M. L., "Coherent Phase or Random-Phase Acceleration of Electron Beams in Solar Flares", 1994ApJ...431..432A ADS
- Benz, A. O., "Plasma diagnostics of the solar corona using decimetric radio waves (review)", 1994R&QE...37..525B ADS
- Lim, J., White, S. M., Nelson, G. J., & Benz, A. O., "Directivity of the Radio Emission from the K1 Dwarf Star AD Doradus", 1994ApJ...430..332L ADS
- van den Oord, B., Kuijpers, J., Kuperus, M., et al., "Foreword", 1994SSRv...68D..17V ADS
- Krucker, S. & Benz, A. O., "Multiple frequency spike emission during solar flares", 1994SSRv...68..247K ADS
- Schwarz, U., Kurths, J., Witt, A., & Benz, A. O., "Analysis of solar spike evens by means of symbolic dynamics methods", 1994SSRv...68..245S ADS
- Aschwanden, M. J. & Benz, A. O., "Periodic or random acceleration in solar flares?", 1994SSRv...68..193A ADS
- Isliker, H. & Benz, A. O., "On deterministic chaos, stationarity, periodicity and intermittency in coronal bursts and flares", 1994SSRv...68..185I ADS
- Benz, A. O., "Observations of fragmented energy release", 1994SSRv...68..135B ADS
- Krucker, S. & Benz, A. O., "The frequency ratio of bands of microwave spikes during solar flares", 1994A&A...285.1038K ADS
- Isliker, H. & Benz, A. O., "Non-linear properties of the dynamics of bursts and flares in the solar and stellar coronae", 1994A&A...285..663I ADS
- Benz, A. O. & Guedel, M., "X-ray/microwave ratio of flares and coronae", 1994A&A...285..621B ADS
- Isliker, H. & Benz, A. O., "Catalogue of 1-3 GHz solar flare radio emission", 1994A&AS...104..145I ADS
- Benz, A., "Books-Received - Plasma Astrophysics - Kinetic Processes in Solar and Stellar Coronae", 1994Sci...263R.842B ADS

- Aschwanden, M. J., Benz, A. O., Dennis, B. R., & Kundu, M. R., "Pulsed Acceleration in Solar Flares", 1994ApJS...90..631A ADS
 , "Plasma Astrophysics", 1994plasc.conf....K ADS
- Benz, A. O. & Courvoisier, T. J. L.: 1994, *Plasma astrophysics. Lecture notes 1994*, 1994paln.book....B ADS
- Gudel, M., Schmitt, J. H. M. M., Kurster, M., & Benz, A. O., "ROSAT Observations of Solar-Type G Stars", 1994ASPC...64...86G ADS
- Aschwanden, M. J., Benz, A. O., & Schwartz, R. A., "The Timing of Electron Beam Signatures in Hard X-Ray and Radio: Solar Flare Observations by BATSE/Compton Gamma-Ray Observatory and PHOENIX", 1993ApJ...417..790A ADS
- Aschwanden, M. J., Benz, A. O., Dennis, B. R., & Gaizauskas, V., "Quasi-periodic Particle Injection into Coronal Loops", 1993ApJ...416..857A ADS
- Schwarz, U., Benz, A. O., Kurths, J., & Witt, A., "Analysis of solar spike events by means of symbolic dynamics methods", 1993A&A...277..215S ADS
- Csillaghy, A. & Benz, A. O., "The bandwidth of millisecond radio spikes in solar flares", 1993A&A...274..487C ADS
- Gudel, M., Schmitt, J. H. M. M., & Benz, A. O., "Strong Microwave Radiation from "Solar-Twin" GV Stars", 1993AAS...182.4607G ADS
- Benz, A. O. & Gudel, M., "Similar X-Ray/Microwave Ratios in Solar Flares and Coronae of Active Stars", 1993AAS...182.4606B ADS
- Guedel, M. & Benz, A. O., "X-Ray/Microwave Relation of Different Types of Active Stars", 1993ApJ...405L..63G ADS
- Alef, W., Benz, A. O., Güdel, M., & de Vicente, P., "VLBI Observations of a stellar flare", 1993sara.conf...28A ADS
- Benz, A. O.: 1993, *Plasma astrophysics: Kinetic processes in solar and stellar coronae*, Vol. 184 1993ASSL...184....B ADS
- Gudel, M. & Benz, A. O., "A General Correlation between X-Ray and Radio Luminosities of Active Stars", 1992AAS...181.5109G ADS
- Benz, A. O., Magun, A., Stehling, W., & Su, H., "Electron Beams in the Low Corona", 1992SoPh...141..335B ADS
- Benz, A. O., Su, H., Magun, A., & Stehling, W., "Millisecond microwave spikes at 8 GHz during solar flares", 1992A&AS...93..539B ADS
- Aschwanden, M. J., Bastian, T. S., Benz, A. O., & Brosius, J. W., "Decimetric Solar Type U Bursts: VLA and PHOENIX Observations", 1992ApJ...391..380A ADS
- Willson, R. F., Aschwanden, M. J., & Benz, A. O., "VLA, PHOENIX and BATSE observations of an X1 flare.", 1992NASCP3137..515W ADS
- Willson, R. F., Aschwanden, M. J., & Benz, A. O.: 1992b, *VLA, PHOENIX and BATSE observations of an X1 flare* 1992STIN...9227935W ADS
- Benz, A. O. & Aschwanden, M. J., "Characteristics of the impulsive phase of flares", in Z. Svestka, B. V. Jackson, and M. E. Machado (Eds.), *IAU Colloq. 133: Eruptive Solar Flares*, Vol. 399, 106–115 1992LNP...399..106B ADS
- Benz, A. O. & Alef, W., "VLBI observations of YZ CMi - a single dMe star.", 1991A&A...252L..19B ADS
- Guedel, M., Benz, A. O., & Aschwanden, M. J., "The association of solar millisecond radio spikes with hard X-ray emission", 1991A&A...251..285G ADS
- Kurths, J., Benz, A. O., & Aschwanden, M. J., "The attractor dimension of solar decimetric radio pulsations", 1991A&A...248..270K ADS
- Benz, A. O., Guedel, M., Isliker, H., Miszkowicz, S., & Stehling, W., "A broadband spectrometer for decimetric and microwave radio bursts: First results", 1991SoPh...133..385B ADS
- Aschwanden, M. J., Bastian, T. S., Benz, A. O., & Dennis, B. R., "Co-ordinated VLA-PHOENIX-SMM Observations: Microwave Type U-Bursts", 1991BAAS...23.1065A ADS
- Smith, D. F. & Benz, A. O., "A Mechanism for Producing Plasma Radiation in the Gigahertz Range by Precipitating High Energy Protons", 1991SoPh...131..351S ADS
- Benz, A. O., "Coronal Radio Emission (With 7 Figures)", 1991mcch.conf...140B ADS
- Aschwanden, M. J., Dennis, B. R., & Benz, A. O., "Simultaneous Radio and Hard X-ray Observations by PHOENIX/Zurich and HXRBS/SMM during Max'91 (June 1989)", 1991max.conf...234A ADS
- Benz, A. O., "The dynamic sun.", 1991EN....22...19B ADS
- Sawant, H. S., Lattari, C. J. B., Benz, A. O., & Dennis, B. R., "Hard X-Rays and Associated Weak Decimetric Bursts", 1990SoPh...130...57S ADS
- Aschwanden, M. J., Benz, A. O., Schwartz, R. A., et al., "Flare fragmentation and type III productivity in the 1980 June 27 flare", 1990SoPh...130...39A ADS
- Benz, A. O. & Magun, A., "Preface", 1990SoPh...130...1B ADS
- Bruggmann, G., Magun, A., Benz, A. O., & Stehling, W., "Solar flare microwave observations with high spectral resolution", 1990A&A...240..506B ADS
- Sawant, H. S., Lattari, C. J. B., Benz, A. O., & Dennis, B. R., "Time Delays between Decimetric Type-III Bursts and Associated Hard X-Rays", 1990RMxAA...21..562S ADS
- Willson, R. F., Lang, K. R., & Benz, A. O., "VLA-PHOENIX Observations of Coronal Activity", 1990BAAS...22.1196W ADS
- Treumann, R. A., Guedel, M., & Benz, A. O., "Alfven wave solitons and solar intermediate drift bursts", 1990A&A...236..242T ADS
- Rayrole, J. & Benz, A. O., "Book reviews", 1990SoPh...128..427R ADS
- Melrose, D. B. & Benz, A. O., "Book-Review - Instabilities in Space and Laboratory Plasmas", 1990SoPh...128..427M ADS
- Hamilton, R. J., Petrosian, V., & Benz, A. O., "Statistical Study of the Correlation of Hard X-Ray and Type III Radio Bursts in Solar Flares", 1990ApJ...358..644H ADS
- Guedel, M. & Benz, A. O., "Time profiles of solar radio spikes", 1990A&A...231..202G ADS
- Tajima, T., Benz, A. O., Thaker, M., & Leboeuf, J. N., "Enhanced Radiation Driven by a DC Electric Field", 1990ApJ...353..666T ADS
- Aschwanden, M. J., Benz, A. O., & Kane, S. R., "Correlation of solar radio pulsations with hard X-ray emission", 1990A&A...229..206A ADS
- Benz, A. O. & Spicer, D. S., "A plasma radiation model for the prompt radio emission of supernova 1987A.", 1990A&A...228L..13B ADS
- Benz, A. O. & Magun, A.: 1990, *Particle beams in the solar atmosphere.*, Vol. 130 1990pbsa.book....B ADS
- Treumann, R. A., Guedel, M., & Benz, A. O.: 1990, *Alfven wave solitons and solar intermediate drift bursts* 1990STIN...9029287T ADS
- Kurths, J., Benz, A. O., & Aschwanden, M. J., "The Attractor Dimension of Solar Decimetric Radio Pulsations", 1990PDHO...7..196K ADS
- Willson, R. F. & Benz, A. O., "Vla-Phoenix Observations of a Narrow-Band Decimetric Burst", 1990IAUS...142..525W ADS
- Benz, A. O., Guedel, M., Bastian, T. S., et al., "Broadband Spectral Radio Observations of Flare Stars", 1990IAUS...137..139B ADS
- Gudel, M., Benz, A. O., Bastian, T. S., et al., "Broadband spectral observations of a dMe star radio flare.", 1989A&A...220L..5G ADS
- Benz, A. O. & Guedel, M., "VLA detection of radio emission from a dwarf nova.", 1989A&A...218..137B ADS
- Guedel, M., Benz, A. O., Catala, C., & Praderie, F., "Radio continuum emission from the pre-main sequence Herbig Ae star ABAurigae.", 1989A&A...217L..9G ADS
- Guedel, M. & Benz, A. O., "Broad-band spectrum of dMe star radio emission.", 1989A&A...211L..5G ADS
- Klein, K. L., Trotter, G., Benz, A. O., & Kane, S. R., "Extended coronal shock waves and electron acceleration during solar flares.", 1989plap.work..157K ADS
- Guedel, M., Benz, A. O., & Treumann, R. A., "Alfvén wave solitons and solar intermediate drift bursts.", 1989plap.work...95G ADS
- Vlahos, L., Machado, M. E., Ramaty, R., et al., "Particle acceleration.", 1989epos.conf..127V ADS
- Benz, A. O., "Solar and stellar flares", 1989HiA....8..539B ADS
- Benz, A. O., "Radio Emission of Dwarf Novae", 1989ASSL...156..113B ADS
- Guedel, M. & Benz, A. O., "A catalogue of decimetric solar flare radio emission", 1988A&AS...75..243G ADS
- Benz, A. O. & Spicer, D. S., "A Plasma Radiation Model for the Prompt Radio Emission of Supernova 1987A", 1988BAAS...20Q.961B ADS
- Aschwanden, M. J. & Benz, A. O., "On the Electron-Cyclotron Maser Instability. II. Pulsations in the Quasi-stationary State", 1988ApJ...332..466A ADS
- Aschwanden, M. J. & Benz, A. O., "On the Electron-Cyclotron Maser Instability. I. Quasi-linear Diffusion in the Loss Cone", 1988ApJ...332..447A ADS
- Benz, A. O. & Thejappa, G., "Radio emission of coronal shock waves", 1988A&A...202..267B ADS
- Benz, A. O., "Book-Review - Radio Continua during Solar Flares", 1988ApL&C...26..376B ADS
- Benz, A. O. & Smith, D. F., "Stochastic Acceleration of Electrons in Solar Flares", 1987SoPh...107..299B ADS
- Benz, A. O., "Small-scale structure in solar flare radio emission.", 1987ESASP.275..105B ADS
- Benz, A. O. & Brown, J. C., "Book-Review - Radio Continua during Solar Flares", 19870bs...107..134B ADS
- Benz, A. O., "Book-Review - Radio Continua during Solar Flares - Workshop - Duino, Italy - 1985MAY", 1987S&T...73Q.395B ADS
- Benz, A. O., "Spectra of stellar radio flares", 1987Natur.326..643B ADS
- Benz, A. O. & Guedel, M., "Harmonic Emission and Polarization of Millisecond Radio Spikes", 1987SoPh...111..175B ADS
- Benz, A. O., "Acceleration and Energization by Currents and Electric Fields", 1987SoPh...111...1B ADS
- Benz, A. O. & Fuerst, E., "Are solar radio fluctuations real?", 1987A&A...175..282B ADS
- Staeli, M. & Benz, A. O., "Microwave emission of solar electron beams", 1987A&A...175..271S ADS

- Benz, A. O., "Book-Review - Radio Continua during Solar Flares", 1987Sci...235R.494B ADS
- Vlahos, L., Machado, M. E., Ramaty, R., et al., "Mechanisms for Particle Acceleration in Flares", 1986epos.conf.2.42V ADS
- Vlahos, L., Machado, M. E., Ramaty, R., et al., "Phenomena Associated with Ions and Relativistic Electrons", 1986epos.conf.2.30V ADS
- Vlahos, L., Machado, M. E., Ramaty, R., et al., "Phenomena Associated with Mildly Relativistic Electrons", 1986epos.conf.2.2V ADS
- Simnett, G. M. & Benz, A. O., "The role of metric and decimetric radio emission in the understanding of solar flares", 1986A&A...165..227S ADS
- Benz, A. O. & Simnett, G. M., "Solar radio signatures suggestive of proton beams", 1986Natur.320..508B ADS
- Aschwanden, M. J. & Benz, A. O., "The frequency-time drift of pulsations.", 1986A&A...158..102A ADS
- Benz, A. O., "Preface", 1986SoPh...104D...7B ADS
- Benz, A. O. & Kane, S. R., "Electron Acceleration in Flares Inferred from Radio and Hard X-Ray Emissions", 1986SoPh...104..179B ADS
- Benz, A. O., "Millisecond Radio Spikes", 1986SoPh...104...99B ADS
- Benz, A. O., "Radio continua during solar flares : selected contributions to the workshop held at Duino, Italy, May, 1985", 1986SoPh...104.....B ADS
- Benz, A. O., "Extremely rapid radio spikes in flares.", 1986NASCP2449..133B ADS
- Vlahos, L., Machado, M. E., Ramaty, R., et al., "Particle acceleration.", 1986NASCP2439....2V ADS
- Fuerst, E., Benz, A., Hirth, W., Kiplinger, A., & Geffert, M., "Radio emission of cataclysmic variable stars.", 1986A&A...154..377F ADS
- Aschwanden, M. J., Wiehl, H. J., Benz, A. O., & Kane, S. R., "Correlation of Solar Decimetric Radio Bursts with X-Ray Flares", 1985SoPh...97..159A ADS
- Benz, A. O., "Radio Spikes and the Fragmentation of Flare Energy Release", 1985SoPh...96..357B ADS
- Benz, A. O. & Zolliker, P., "Polarization of solar noise storm continuum and plasma wave density in the corona", 1985A&A...144..227B ADS
- Benz, A. O., Aschwanden, M. J., & Wiehl, H. J., "Decimetric Radio Emission During Solar Flares", 1985pit.conf..597B ADS
- "High Resolution in Astronomy", 1985hra.conf.....B ADS
- Wiehl, H. J., Benz, A. O., & Aschwanden, M. J., "Different time constants of solar decimetric bursts in the range 100 1000 MHz", 1985SoPh...95..167W ADS
- Benz, A. O., Furst, E., & Kiplinger, A. L., "First Detection of Radio Emission From a Dwarf Nova", 1985ASL...113..331B ADS
- Benz, A. O., "Synchrotron or plasma emission in solar microwave flares?", 1984SoPh...94..161B ADS
- Batchelor, D. A., Benz, A. O., & Wiehl, H. J., "Decimetric gyrosynchrotron emission during a solar flare", 1984ApJ...280..879B ADS
- Strong, K. T., Benz, A. O., Dennis, B. R., et al., "A Multiwavelength Study of a Double Impulsive Flare", 1984SoPh...91..325S ADS
- Roberts, B., Edwin, P. M., & Benz, A. O., "On coronal oscillations", 1984ApJ...279..857R ADS
- Dennis, B. R., Benz, A. O., Ranieri, M., & Simnett, G. M., "Decimetric Type-iii Radio Bursts and Associated Hard X-Ray Spikes", 1984SoPh...90..383D ADS
- Benz, A. O. & Zolliker, P., "The polarization of the noise storm continuum and the upper limit on harmonic emission.", 1984ost1.conf..167B ADS
- Benz, A. O., Jaeggi, M., Mosher, J. M., & Nelson, G. J., "On the spatial and temporal correlation of type I radio bursts and soft X-rays.", 1984ost1.conf..145B ADS
- Benz, A. O. & Wentzel, D. G., "Coronal evolution and solar type I radio bursts: an ion-acoustic wavemodel.", 1984ost1.conf..127B ADS
- Benz, A. O., "Noise storms and their place in the solar radio zoo.", 1984ost1.conf...35B ADS
- "Orages solaires de type I: Abbaye de Senanque, Gordes, France, 17-21 March 1980 Orages solaires de type I: Abbaye de Senanque, Gordes, France, 17-21 March 1980 Solar storms of type I Senanque Abbey, Gordes, France.", 1984ost1.conf.....B ADS
- Benz, A., "Zukunft der Astronomie.", 1984Orion..42....6B ADS
- Batchelor, D. A., Benz, A. O., & Wiehl, H. J.: 1983, Decimetric gyrosynchrotron emission during a solar flare 1983STIN...8416107B ADS
- Roberts, B., Edwin, P. M., & Benz, A. O., "Fast pulsations in the solar corona", 1983Natur.305..688R ADS
- Benz, A. O., Bernold, T. E. X., & Dennis, B. R., "Radio blips and hard X-rays in solar flares", 1983ApJ...271..355B ADS
- Benz, A. O., Barrow, C. H., Dennis, B. R., et al., "X-Ray and Radio Emissions in the Early Stages of Solar Flares", 1983SoPh...83..267B ADS
- Benz, A. O., Fuerst, E., & Kiplinger, A. L., "First detection of radio emission from a dwarf nova", 1983Natur.302...45B ADS
- Barrow, C. H., Benz, A. O., Bernold, T. E. X., & Perrenoud, M. R., "Millisecond structures in noise storms and other solar radio emission.", 1983srs..work..109B ADS
- Benz, A. O., "Langmuir wave energy density in radio storm sources.", 1983srs..work...38B ADS
- "Solar radio storms. Proceedings of the 4th CESRA workshop on solar noise storms, held at Trieste, Italy, August 9 - 13, 1982.", 1983srs..work....B ADS
- Hirth, W., Fuerst, E., & Benz, A. O., "Solar 'blips' and the heating of X-ray areas", 1983KlBer...26..189H ADS
- Kane, S. R., Benz, A. O., & Treumann, R. A., "Electron acceleration in impulsive solar flares", 1982ApJ...263..423K ADS
- Benz, A. O., Jaeggi, M., & Zlobec, P., "Fine structure near the starting frequency of solar type III radio bursts", 1982A&A...109..305B ADS
- Garczynska, I. N., Rimpolt, B., Benz, A. O., et al., "The Relation Between the Surges and Solar Radio Emission", 1982SoPh...77..277G ADS
- Benz, A. O., Treumann, R., Vilmer, N., et al., "Evidence of primary and secondary bursts in solar type III emission", 1982A&A...108..161B ADS
- Fuerst, E., Benz, A. O., & Hirth, W., "About the relation between radio and soft X-ray emission in case of very weak solar activity", 1982A&A...107..178F ADS
- Jaeggi, M. & Benz, A. O., "Search for harmonic emission in solar type I radio bursts", 1982A&A...107...88J ADS
- Barrow, C. H., Benz, A. O., Bernold, T. E. X., & Perrenoud, M. R., "Millisecond structures in noise storms and other solar radio emission", 1982srs..work..109B ADS
- Benz, A. O., "Langmuir wave energy density in radio storm sources (review)", 1982srs..work...38B ADS
- "Solar Radio Storms", 1982srs..work....B ADS
- Spicer, D. S., Benz, A. O., & Huba, J. D., "Solar type I noise storms and newly emerging magnetic flux", 1982A&A...105..221S ADS
- Fitze, H. R. & Benz, A. O., "The microwave solar radar experiment. I - Observations", 1981ApJ...250..782F ADS
- Benz, A. O., Perrenoud, M. R., Fuerst, E., & Hirth, W., "Solar radio blips and X-ray kernels", 1981Natur.291..210B ADS
- Rust, D. M., Benz, A., Hurford, G. J., et al., "Optical and radio observations of the 1980 March 29, April 30, and June 7 flares", 1981ApJ...244L.179R ADS
- Benz, A. O., Chmielewski, Y., Huber, M. C. E., & Nussbaumer, H.: 1981, Activity and outer atmospheres of the sun and stars. Eleventh Advanced Course of the Swiss Society of Astronomy and Astrophysics, held in Saas-Fee, Switzerland, March 30 - April 4, 1981. 1981aoas.book....B ADS
- Fürst, E., Hirth, W., & Benz, A., "Über die solaren Minibursts", 1981MitAG..52...66F ADS
- Benz, A. O. & Wentzel, D. G., "Coronal evolution and solar type I radio bursts - an ion-acoustic wave model", 1981A&A...94..100B ADS
- Trottet, G., Kerdraon, A., Benz, A. O., & Treumann, R., "Quasi-periodic short-term modulations during a moving type IV burst", 1981A&A...93..129T ADS
- Cranell, C. J., Trombka, J. I., Benz, A., et al., "The Impulsive Solar Flare at 0918 UT on 1980 March 29", 1980BAAS...12..889C ADS
- Benz, A. O., "Electron trapping in the solar magnetic field and emission of decimetric continuum radio bursts.", 1980ApJ...240..892B ADS
- Benz, A., "Sonnenforschung mit Radiowellen an der ETH.", 1980Orion..38...77B ADS
- Benz, A., "Sonnenforschung mit Radiowellen.", 1980Orion..38...9B ADS
- Benz, A. O., "Solar Radar Observations", 1980IAUS...91..135B ADS
- Benz, A. O. & Wentzel, D. G., "Solar Type-I Radio Bursts - an Ion-Acoustic Wave Model", 1980IAUS...86..251B ADS
- Benz, A. O. & Fitze, H. R., "First solar radar observations in microwaves", 1980IAUS...86..247B ADS
- Benz, A. O., Urbarz, H. W., & Zlobec, P., "The evolution of polarization in type U solar radio bursts.", 1979A&A...79..216B ADS
- Benz, A. O. & Fitze, H. R., "Microwave radar observations of the sun.", 1979A&A...76..354B ADS
- Benz, A. O. & Wentzel, D. G., "Type I Solar Radio Bursts", 1979BAAS...11..441B ADS
- Berney, M. & Benz, A. O., "Plasma instabilities of trapped particles in solar magnetic fields.", 1978A&A...65..369B ADS
- Tarnstrom, G. L. & Benz, A. O., "An extremely narrow-band solar type IV_{dm} burst with fine structure.", 1978A&A...63..147T ADS
- Benz, A. O. & Zlobec, P., "Correlation between drift rate and polarization in solar type III radio bursts.", 1978A&A...63..137B ADS
- Benz, A. O., "Transient Aspects of the Corona including Flare Related Events", 1978pfs1.conf..267B ADS
- Mätzler, C., Perrenoud, M. R., & Benz, A. O., "Observations of the type I continuum radiation on July 9-13, 1978 at Dürnten", 1978cesra...7...18M ADS
- Benz, A. O., Berney, M., & Santin, P., "The polarization of U-shaped solar radio bursts.", 1977A&A...56..123B ADS

- Pilipp, W. G. & Benz, A. O., "On the scattering hypothesis for type V radio bursts.", 1977A&A...56...39P [ADS](#)
- Benz, A. O. & Zlobec, P., "Circular Polarization and Frequency Drift Rate Correlated in Solar Type III Radio Bursts.", 1977BAAS...9...369B [ADS](#)
- Benz, A. O. & Gold, T., "On the kinetics of solar wind acceleration.", 1977A&A...55...229B [ADS](#)
- Benz, A. O., "Short, drifting spikes in the cm-dm wavelength radiation of the active sun", 1977KlBer...20...31B [ADS](#)
- Benz, A. O., "Spectral features in solar hard X-ray and radio events and particle acceleration.", 1977ApJ...211...270B [ADS](#)
- Benz, A. O., "New Features in Hard X-Ray and Radio Spectra of Solar Outbursts and Implications on Particle Acceleration", 1976BAAS...8...374B [ADS](#)
- Benz, A. O. & Tarnstrom, G. L., "Synchrotron or plasma process emission in narrow-band type IV_{dm} bursts?", 1976ApJ...204...597B [ADS](#)
- Benz, A. O. & Kuijpers, J., "Type IV dm bursts: onset and sudden reductions.", 1976SoPh...46...275B [ADS](#)
- Benz, A. O. & Asper, H. K., "Simulation of analog spectrograms of solar radio bursts", 1976KlBer...19...383B [ADS](#)
- Benz, A. O. & Tarnstrom, G. L., "Type IV_{dm} Bursts vs. the Razin Effect.", 1975BAAS...7...439B [ADS](#)
- von Arx, B., Benz, A. O., & Tarnstrom, G. L., "The New Digitalized Solar Radio Spectrograph in Dürnten.", 1975BAAS...7...407V [ADS](#)
- Perrenoud, M. R., Benz, A. O., & Tarnstrom, G. L., "First digital observation with the Dürnten radio spectrograph", 1975cesra...5...121P [ADS](#)
- Perrenoud, M. R., Benz, A. O., & Tarnstrom, G. L., "First digital observation with the Dürnten radio spectrograph.", 1975MmArc.105...121P [ADS](#)
- Benz, A. O., Tlamicha, A., & Urbarz, H., "The Complex Radio Burst of May 3, 1973", 1974cesra...4...191B [ADS](#)
- Benz, A. O., "A possible Mechanism for Type V Bursts", 1974cesra...4...157B [ADS](#)
- Benz, A. O., "Harmonic Structure in a Solar Type V Burst", 1973NPhS...242...38B [ADS](#)
- Benz, A. O.: 1973b, "The Acceleration of Solar Wind Protons and Heavy Ions.", Ph.D. thesis, Cornell University, New York 1973PhDT.....8B [ADS](#)
- Benz, A. O. & Gold, T., "Magnetically Trapped Particles in the Lower Solar Atmosphere", 1971SoPh...21...157B [ADS](#)