

Bibliography from ADS file: koza.bib  
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- Bemporad, A., Andretta, V., Susino, R., et al., “Coronal mass ejection followed by a prominence eruption and a plasma blob as observed by Solar Orbiter”, 2022A&A...665A...7B ADS
- Kuridze, D., Heinzel, P., Koza, J., & Oliver, R., “Dark off-limb gap: manifestation of temperature minimum and dynamic nature of the chromosphere”, 2022arXiv220814134K ADS
- Koza, J., Gunár, S., Schwartz, P., Heinzel, P., & Liu, W., “Data-driven Model of Temporal Evolution of Solar Mg II h and k Profiles over the Solar Cycle”, 2022ApJS...261...17K ADS
- Gunár, S., Heinzel, P., Koza, J., & Schwartz, P., “Large Impact of the Mg II h and k Incident Radiation Change on Results of Radiative Transfer Models and the Importance of Dynamics”, 2022ApJ...934...133G ADS
- Gunár, S., Schwartz, P., Heinzel, P., Liu, W., & Koza, J., “Variability of solar Lyman-alpha and Mg II h&k lines throughout the solar cycle and its impact on the diagnostics of chromospheric and coronal structures”, 2022cosp...44.1553G ADS
- Gunar, S., Koza, J., Schwartz, P., Heinzel, P., & Liu, W., “VizieR Online Data Catalog: Quiet-Sun MgII h & k line profiles from IRIS (Gunar+, 2021)”, 2021yCat...22550016G ADS
- Gunár, S., Koza, J., Schwartz, P., Heinzel, P., & Liu, W., “Quiet-Sun Mg II h and k Line Profiles Derived from IRIS Full-Sun Mosaics. I. Reference Profiles and Center-to-limb Variation”, 2021ApJS...255...16G ADS
- Kuridze, D., Socas-Navarro, H., Koza, J., & Oliver, R., “Semi-empirical Models of Spicule from Inversion of Ca II 8542 Å Line”, 2021ApJ...908...168K ADS
- Kuridze, D., Morgan, H., Oliver, R., Mathioudakis, M., & Koza, J., “Mapping the Magnetic Field of Flare Coronal Loops”, 2021cosp...43E1791K ADS
- Gunár, S., Schwartz, P., Koza, J., & Heinzel, P., “Quiet-Sun hydrogen Lyman-α line profile derived from SOHO/SUMER solar-disk observations”, 2020A&A...644A.109G ADS
- Gunar, S., Schwartz, P., Koza, J., & Heinzel, P., “VizieR Online Data Catalog: Quiet-sun hydrogen Lyman-alpha line profile (Gunar+, 2020)”, 2020yCat...36440109G ADS
- Abbasvand, V., Sobotka, M., Švanda, M., et al., “Observational study of chromospheric heating by acoustic waves”, 2020A&A...642A...52A ADS
- Heinzel, P., Schwartz, P., Lörinčík, J., et al., “Signatures of Helium Continuum in Cool Flare Loops Observed by SDO/AIA”, 2020ApJ...896L...35H ADS
- Kuridze, D., Mathioudakis, M., Heinzel, P., et al., “Spectral Characteristics and Formation Height of Off-limb Flare Ribbons”, 2020ApJ...896...120K ADS
- Palacios, J., Utz, D., Hofmeister, S., et al., “Magnetic Flux Emergence in a Coronal Hole”, 2020SoPh...295...64P ADS
- Koza, J., Kuridze, D., Heinzel, P., et al., “Spectral Diagnostics of Cool Flare Loops Observed by the SST. I. Inversion of the Ca II 8542 Å and Hβ Lines”, 2019ApJ...885...154K ADS
- Kuridze, D., Mathioudakis, M., Morgan, H., et al., “Mapping the Magnetic Field of Flare Coronal Loops”, 2019ApJ...874...126K ADS
- Škoda, P., Koza, J., Palička, A., Lopatovský, L., & Peterka, T., “The Distributed Cloud Based Engine for Knowledge Discovery in Massive Archives of Astronomical Spectra”, 2017ASPC...512...689S ADS
- Kuridze, D., Henriques, V., Mathioudakis, M., et al., “Spectroscopic Inversions of the Ca II 8542 Å Line in a C-class Solar Flare”, 2017ApJ...846...9K ADS
- Koza, J., Rybák, J., Gömöry, P., Kozák, M., & López Ariste, A., “Spectral Characteristics of the He I D<sub>3</sub> Line in a Quiescent Prominence Observed by THEMIS”, 2017SoPh...292...98K ADS
- Gömöry, P., Balthasar, H., Kuckein, C., et al., “Flare-induced changes of the photospheric magnetic field in a δ-spot deduced from ground-based observations”, 2017A&A...602A...60G ADS
- Hanslmeier, A., Zaqarashvili, T., Koza, J., & Rybak, J., “Probing the lower solar atmosphere with CRSIP-SST Data”, 2017psio.confE.113H ADS
- Gömöry, P., Balthasar, H., Kuckein, C., et al., “Flare induced changes of the photospheric magnetic field in a delta-spot deduced from ground-based observations”, 2017psio.confE.107G ADS
- Schwartz, P., Balthasar, H., Kuckein, C., et al., “NLTE modeling of a small active region filament observed with the VTT”, 2016AN...337.1045S ADS
- Schwartz, P., Balthasar, H., Kuckein, C., et al., “Non-LTE Inversion of Spectropolarimetric and Spectroscopic Observations of a Small Active-region Filament Observed at the VTT”, 2016ASPC...504...205S ADS
- Vaňko, M., Kollár, V., Komžík, R., Koza, J., & Pribulla, T., “Photoelectric photometry era at the Astronomical Institute of the Slovak Academy of Sciences III. Fast photometry”, 2015CoSka...45...99V ADS
- Tóth, J., Svoreň, J., Borovička, Jiří Spurný, P., et al., “The Košice meteorite fall: Recovery and strewn field”, 2015M&PS...50...853T ADS
- Kohout, T., Havrila, K., Tóth, J., et al., “Density, porosity and magnetic susceptibility of the Košice meteorite shower and homogeneity of its parent meteoroid”, 2014P&SS...93...96K ADS
- Koza, J., Rybák, J., Gömöry, P., & Kučera, A., “Inferring spectral characteristics of the Hα spectral line observed by the DOT Lyot filter”, 2014CoSka...44...43K ADS
- Koza, J., “Chromospheric fine structure didactically”, 2014CEAB...38...39K ADS
- Koza, J., Hammerschlag, R. H., Rybák, J., et al., “Transmission profile of the Dutch Open Telescope Ha Lyot filter”, 2014AN...335...409K ADS
- Koza, J., Sütterlin, P., Gömöry, P., Rybák, J., & Kučera, A., “Search for Alfvén waves in a bright network element observed in Ha”, 2013CoSka...43...5K ADS
- Toth, J., Porubčan, V., Borovička, J., et al., “Košice meteorite - recovery and the strewn field”, 2012epsc.conf...708T ADS
- Krejčová, T., Budaj, J., & Koza, J., “Search for the Star-Planet Interaction”, 2012IAUS...282...125K ADS
- Koza, J., “The spectral line Ba II 6497 Å as a sensitive Doppler diagnostics”, 2011CoSka...41...167K ADS
- Koza, J., “Sensitivity of Selected Ba II, Fe I, Fe II, and Cr I Spectral Lines to Velocity in Quiet Solar Atmosphere”, 2010SoPh...266...261K ADS
- Gömöry, P., Beck, C., Balthasar, H., et al., “Magnetic loop emergence within a granule”, 2010A&A...511A...14G ADS
- Koza, J., Rutten, R. J., & Vourlidas, A., “Dynamic Lyα jets”, 2009A&A...499...917K ADS
- Kucera, A., Beck, C., Gomory, P., et al., “Multi-wavelength Observations of Dynamic Fibrils in the Upper Photosphere and Chromosphere”, 2008ESPM...12.2.52K ADS
- Koza, J., Rutten, R. J., Vourlidas, A., & Suetterlin, P., “Dynamic Fibrils in Ly-alpha”, 2008ESPM...12.2.16K ADS
- Koza, J., Sütterlin, P., Kučera, A., & Rybák, J., “Temporal Variations in Fibril Orientation”, 2007ASPC...368...115K ADS
- Koza, J., Kučera, A., Rybák, J., & Wöhl, H., “The height dependence of temperature velocity correlation in the solar photosphere”, 2007msfa.conf...139K ADS
- Koza, J., Kučera, A., Rybák, J., & Wöhl, H., “The Height Dependence of Quiet-Sun Photospheric Temperature Fluctuations in Observations and Simulations”, 2006ASPC...354...43K ADS
- Koza, J., Kučera, A., Rybák, J., & Wöhl, H., “Photospheric modeling through spectral line inversion. Temperature and radial velocity stratifications and fluctuations”, 2006A&A...458...941K ADS
- Koza, J., & Kučera, A., “Response Functions of Spectral Lines Suitable for Diagnostics of Solar Rotation”, 2005HvaOB...29...21K ADS
- Kučera, A., Koza, J., Bellot Rubio, L. R., et al., “Velocity field in the intergranular atmosphere”, 2004HvaOB...28...19K ADS
- Koza, J. & Kučera, A., “The range of reliability of the line-of-sight velocity in a semiempirical model of a granule”, 2003CoSka...33...224K ADS
- Koza, J., Bellot Rubio, L. R., Kučera, A., et al., “Evolution of temperature in granule and intergranular space”, 2003AN...324...349K ADS
- Koza, J., Bellot Rubio, L. R., Kučera, A., et al., “Line-of-sight velocity in a semiempirical model of a disappearing granule”, 2002ESASP.506...443K ADS
- Koza, J., Kucera, A., Hanslmeier, A., Rybák, J., & Wöhl, H., “Temporal evolution of physical parameters in granule”, 2002ESASP.505...457K ADS
- Koza, J. & Kučera, A., “Spectral line response to temperature perturbation in solar and stellar photospheric models. I. Neutral Fe I line 522.5nm case”, 2002CoSka...32...190K ADS