

Bibliography from ADS file: veronig.bib  
September 14, 2022

- Xia, F., Wang, T., Su, Y., et al., “*Plasma Heating and Nanoflare Caused by Slow-mode Wave in a Coronal Loop*”, 2022ApJ...936L..13X [ADS](#)
- Čalogović, J., Vrsnak, B., Veronig, A., Dumbović, M., & Temmer, M., “*Development and evaluation of Drag-Based Ensemble Model (DBEM)*”, 2022cosp...44.3443C [ADS](#)
- Podladchikova, T., Flohrer, T., Veronig, A., et al., “*Medium-term predictions of F10.7 and F30 cm solar radio flux with RESONANCE*”, 2022cosp...44.3235P [ADS](#)
- Jain, S., Podladchikova, T., Clette, F., et al., “*Prediction of solar cycle amplitude with the maximal growth rate in ascending phase*”, 2022cosp...44.3230J [ADS](#)
- Jarolim, R., Podladchikova, T., Veronig, A., & Thalmann, J. K., “*Probing the coronal magnetic field with physics informed neural networks*”, 2022cosp...44.2463J [ADS](#)
- Martinic, K., Vrsnak, B., Veronig, A., Dumbović, M., & Temmer, M., “*Determination of CME orientation and consequences for their propagation*”, 2022cosp...44.2441M [ADS](#)
- Gupta, M., Veronig, A., & Thalmann, J. K., “*Magnetic helicity and energy budget around large confined and eruptive solar flares*”, 2022cosp...44.2424G [ADS](#)
- Gou, T., Wang, Y., Liu, R., Veronig, A., & Zhuang, B., “*The restructuring of a solar magnetic flux rope during a coronal mass ejection*”, 2022cosp...44.2411G [ADS](#)
- Battaglia, A. F., Warmuth, A., Krucker, S., et al., “*Hard X-ray solar flare observed by Solar Orbiter/STIX associated with escaping electron beams*”, 2022cosp...44.1542B [ADS](#)
- Dresing, N., Droege, W., Warmuth, A., et al., “*First analyses of SEP events with PSP & Solar Orbiter*”, 2022cosp...44.1519D [ADS](#)
- Saqri, J., Warmuth, A., Podladchikova, T., et al., “*Energy and impulsive CME dynamics in an eruptive B9 flare*”, 2022cosp...44.1509S [ADS](#)
- Koller, F., Odert, P., Leitzinger, M., et al., “*Stellar CME search using large datasets: Balmer line asymmetries in optical SDSS spectra*”, 2022cosp...44.1386K [ADS](#)
- Veronig, A., Hudson, H. S., Odert, P., et al., “*Detecting stellar CMEs through post-flare coronal dimmings*”, 2022cosp...44.1379V [ADS](#)
- Chikunova, G., Podladchikova, T., Veronig, A., & Dissauer, K., “*Coronal dimmings as indicators of the CME evolution close to the Sun*”, 2022cosp...44.1141C [ADS](#)
- Podladchikova, T., Jain, S., Veronig, A. M., et al., “*Maximal growth rate of the ascending phase of a sunspot cycle for predicting its amplitude*”, 2022A&A...663A..88P [ADS](#)
- Poljančić Beljan, I., Jurdana-Šepić, R., Jurkić, T., et al., “*Variation in solar differential rotation and activity in the period 1964-2016 determined by the Kanzelhöhe data set*”, 2022A&A...663A..24P [ADS](#)
- Erdélyi, R., Korsós, M. B., Huang, X., et al., “*The Solar Activity Monitor Network - SAMNet*”, 2022JSWSC..12....2E [ADS](#)
- Thalmann, J. K., Gupta, M., & Veronig, A. M., “*The effect of spatial sampling on magnetic field modeling and helicity computation*”, 2022A&A...662A..3T [ADS](#)
- Li, Z., Su, Y., Veronig, A. M., et al., “*Detailed Thermal and Nonthermal Processes in an A-class Microflare*”, 2022ApJ...930..147L [ADS](#)
- Martinić, K., Dumbović, M., Temmer, M., Veronig, A., & Vršnak, B., “*Determination of coronal mass ejection orientation and consequences for their propagation*”, 2022A&A...661A.155M [ADS](#)
- Purkhart, S., & Veronig, A. M., “*Nanoflare distributions over solar cycle 24 based on SDO/AIA differential emission measure observations*”, 2022A&A...661A.149P [ADS](#)
- Pesce-Rollins, M., Omudei, N., Krucker, S., et al., “*The Coupling of an EUV Coronal Wave and Ion Acceleration in a Fermi-LAT Behind-the-Limb Solar Flare*”, 2022ApJ...929..172P [ADS](#)
- Hofmeister, S. J., Asvestari, E., Guo, J., et al., “*How the area of solar coronal holes affects the properties of high-speed solar wind streams near Earth: An analytical model*”, 2022A&A...659A.190H [ADS](#)
- Saqri, J., Veronig, A. M., Warmuth, A., et al., “*Multi-instrument STIX microflare study*”, 2022A&A...659A..52S [ADS](#)
- Mitra, P. K., Joshi, B., Veronig, A. M., & Wiegemann, T., “*Multiwavelength Signatures of Episodic Nullpoint Reconnection in a Quadrupolar Magnetic Configuration and the Cause of Failed Flux Rope Eruption*”, 2022ApJ...926..143M [ADS](#)
- Pötzi, W., Veronig, A., Jarolim, R., et al., “*Correction to: Kanzelhöhe Observatory: Instruments, Data Processing and Data Products*”, 2022SoPh..297....1P [ADS](#)
- Lu, L., Feng, L., Warmuth, A., et al., “*Observational Signatures of Tearing Instability in the Current Sheet of a Solar Flare*”, 2022ApJ...924L..7L [ADS](#)
- Dumbović, M., Veronig, A., Podladchikova, T., et al., “*The 2019 International Women’s Day Event: A Two-step Solar Flare with Multiple Eruptive Signatures and Low Earth Impact*”, 2021AGUFMSH32A..08D [ADS](#)
- Reiss, M., Muglach, K., Moestl, C., et al., “*The Observational Uncertainty of Coronal Hole Boundaries in Automated Detection Schemes*”, 2021AGUFMSH15G2083R [ADS](#)
- Jarolim, R., Veronig, A., Potzi, W., & Podladchikova, T., “*Instrument-to-Instrument translation: A deep learning framework for data set restoration of solar observations*”, 2021AGUFMNG45B0556J [ADS](#)
- Veronig, A., Odert, P., Leitzinger, M., et al., “*Detection of stellar CMEs through post-flare coronal dimmings*”, 2021AGUFM.U43B..07V [ADS](#)
- Koller, F., Leitzinger, M., Temmer, M., et al., “*Searching for flares and associated CMEs on cool stars using Balmer lines in SDSS spectra*”, 2021AGUFM.U43B..04K [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](#)
- Pötzi, W., Veronig, A., Jarolim, R., et al., “*Kanzelhöhe Observatory: Instruments, Data Processing and Data Products*”, 2021SoPh..296..164P [ADS](#)
- Matthews, S. A., Reid, H. A. S., Baker, D., et al., “*The high-energy Sun - probing the origins of particle acceleration on our nearest star*”, 2021ExA...tmp..135M [ADS](#)
- Gupta, M., Thalmann, J. K., & Veronig, A. M., “*Magnetic helicity and energy budget around large confined and eruptive solar flares*”, 2021A&A...653A..69G [ADS](#)
- Li, T., Chen, A., Hou, Y., et al., “*Magnetic Flux and Magnetic Non-potentiality of Active Regions in Eruptive and Confined Solar Flares*”, 2021ApJ...917L..29L [ADS](#)
- Yakovkin, I. I., Veronig, A. M., & Lozitsky, V. G., “*Magnetic field measurements in a limb solar flare by hydrogen, helium and ionized calcium lines*”, 2021AdSpR..68.1507Y [ADS](#)
- Dumbović, M., Veronig, A. M., Podladchikova, T., et al., “*2019 International Women’s Day event. Two-step solar flare with multiple eruptive signatures and low Earth impact*”, 2021A&A...652A.159D [ADS](#)
- Veronig, A. M., Jain, S., Podladchikova, T., Pötzi, W., & Clette, F., “*Hemispheric sunspot numbers 1874-2020*”, 2021A&A...652A..56V [ADS](#)
- Jarolim, R., Veronig, A. M., Hofmeister, S., et al., “*Multi-channel coronal hole detection with convolutional neural networks*”, 2021A&A...652A..13J [ADS](#)
- Čalogović, J., Dumbović, M., Sudar, D., et al., “*Probabilistic Drag-Based Ensemble Model (DBEM) Evaluation for Heliospheric Propagation of CMEs*”, 2021SoPh..296..114C [ADS](#)
- Harra, L., Andretta, V., Appourchaux, T., et al., “*A journey of exploration to the polar regions of a star: probing the solar poles and the heliosphere from high helio-latitude*”, 2021ExA...tmp..93H [ADS](#)
- Veronig, A. M., Jain, S., Podladchikova, T., Poetzi, W., & Clette, F., “*VizieR Online Data Catalog: Hemispheric Sunspot Numbers 1874-2020 (Veronig+, 2021)*”, 2021yCat..36520056V [ADS](#)
- Dumbović, M., Čalogović, J., Martinic, K., et al., “*Drag-based model (DBM) tools for forecast of coronal mass ejection arrival time and speed*”, 2021FrASS...8...58D [ADS](#)
- Petrova, E., Podladchikova, T., Veronig, A. M., et al., “*Medium-term Predictions of F10.7 and F30 cm Solar Radio Flux with the Adaptive Kalman Filter*”, 2021ApJS..254....9P [ADS](#)
- Reiss, M. A., Muglach, K., Möstl, C., et al., “*The Observational Uncertainty of Coronal Hole Boundaries in Automated Detection Schemes*”, 2021ApJ...913..28R [ADS](#)
- Saqri, J., Veronig, A., Dickson, E., et al., “*Plasma Diagnostics of Microflares observed by STIX and AIA*”, 2021EGUGA..23.7966S [ADS](#)
- Battaglia, A. F., Saqri, J., Dickson, E., et al., “*First results of the STIX hard X-ray telescope onboard Solar Orbiter*”, 2021EGUGA..23.4390B [ADS](#)
- Rodríguez Gomez, J. M., Podladchikova, T., Veronig, A., et al., “*Clustering of Fast Coronal Mass Ejections during Solar Cycles 23 and 24 and Implications for CME-CME Interactions*”, 2021EGUGA..23.3990R [ADS](#)
- Adamis, A., Veronig, A., Podladchikova, T., et al., “*Statistical study of CMEs, lateral overexpansion and SEP events*”, 2021EGUGA..23.3216A [ADS](#)
- Chikunova, G., Dissauer, K., Podladchikova, T., & Veronig, A., “*Coronal dimmings associated with coronal mass ejections on the solar limb*”, 2021EGUGA..23.3134C [ADS](#)
- Temmer, M., Holzknecht, L., Dumbović, M., et al., “*Deriving CME volume and density from remote sensing data*”, 2021EGUGA..23.2535T [ADS](#)
- Jarolim, R., Veronig, A., Hofmeister, S., et al., “*Multi-Channel Coronal Hole Detection with Convolutional Neural Networks*”, 2021EGUGA..23.1490J [ADS](#)
- Downs, C., Warmuth, A., Long, D. M., et al., “*Validation of Global EUV Wave MHD Simulations and Observational Techniques*”, 2021ApJ...911..118D [ADS](#)

- Koller, F., Leitzinger, M., Temmer, M., et al., “Search for flares and associated CMEs on late-type main-sequence stars in optical SDSS spectra”, 2021A&A...646A..34K [ADS](#)
- Srivastava, N., Veronig, A., & Sarkar, R., “Lorentz force evolution reveals the energy build-up processes during recurrent eruptive solar flares”, 2021cosp...43E1773S [ADS](#)
- Dumbovic, M., Moestl, C., Podladchikova, T., et al., “CME evolution and the corresponding Forbush decrease: modelling vs multi-spacecraft observation”, 2021cosp...43E1747D [ADS](#)
- Temmer, M., Rodriguez, L., Dissauer, K., et al., “Estimating the magnetic flux within an eruptive flux rope”, 2021cosp...43E1741T [ADS](#)
- Dumbovic, M., Mays, M. L., Riley, P., et al., “Forecasting the arrival time of coronal mass ejections”, 2021cosp...43E1038D [ADS](#)
- Jarolim, R., Podladchikova, T., Veronig, A., et al., “Interpretable Solar Flare Forecasting with Deep Learning”, 2021cosp...43E1036J [ADS](#)
- Scolini, C., Rodriguez, L., Poedts, S., et al., “CME-CME interactions as sources of CME helio-effectiveness: the early September 2017 events”, 2021cosp...43E1030S [ADS](#)
- Jebaraj, I., Poedts, S., Krupar, V., et al., “Diagnosing CME/Shock wave association using the radio triangulation technique”, 2021cosp...43E1000J [ADS](#)
- Gou, T., Wang, Y., Liu, R., Veronig, A., & Zhuang, B., “The Origin and Early Dynamics of Solar Eruptive Flux Ropes”, 2021cosp...43E.998G [ADS](#)
- Heinemann, S. G., Saqri, J., Veronig, A. M., Hofmeister, S. J., & Temmer, M., “Statistical Approach on Differential Emission Measure of Coronal Holes using the CATCH Catalog”, 2021SoPh..296..18H [ADS](#)
- Veronig, A. M., Odert, P., Leitzinger, M., et al., “Indications of stellar coronal mass ejections through coronal dimmings”, 2021NatAs...5..697V [ADS](#)
- Mason, J. P., Chamberlin, P. C., Seaton, D., et al., “SunCET: The Sun Coronal Ejection Tracker Concept”, 2021JWSC..11..20M [ADS](#)
- Temmer, M., Holzknecht, L., Dumbović, M., et al., “Deriving CME Density From Remote Sensing Data and Comparison to In Situ Measurements”, 2021JGRA..12628380T [ADS](#)
- Dumbovic, M., Vrsnak, B., Guo, J., et al., “Evolution of coronal mass ejections and the corresponding Forbush decreases: modelling vs. multi-spacecraft observations”, 2020AGUFMSH046..08D [ADS](#)
- Scolini, C., Chané, E., Temmer, M., et al., “CME-CME Interactions as Sources of CME Helio-Effectiveness: the Early September 2017 Events”, 2020AGUFMSH0440017S [ADS](#)
- Mason, J. P., Seaton, D. B., Chamberlin, P. C., et al., “SunCET: A CubeSat Mission Dedicated to the Middle Corona”, 2020AGUFMSH0300006M [ADS](#)
- Finsterle, W., Harra, L., Andretta, V., et al., “A Journey of Exploration to the Polar Regions of a Star: Probing the Solar Poles and the Heliosphere from High Helio-Latitude”, 2020AGUFMSH0110005F [ADS](#)
- Koller, F., Leitzinger, M., Temmer, M., et al., “VizieR Online Data Catalog: Search for flares and CMEs in SDSS data (Koller+, 2021)”, 2020yCat..36460034K [ADS](#)
- Prasad, A., Dissauer, K., Hu, Q., et al., “Magnetohydrodynamic Simulation of Magnetic Null-point Reconnections and Coronal Dimmings during the X2.1 Flare in NOAA AR 11283”, 2020ApJ...903..129P [ADS](#)
- Jarolim, R., Veronig, A. M., Pötzl, W., & Podladchikova, T., “Image-quality assessment for full-disk solar observations with generative adversarial networks”, 2020A&A...643A..72J [ADS](#)
- Krucker, S., Hurford, G. J., Grimm, O., et al., “The Spectrometer/Telescope for Imaging X-rays (STIX)”, 2020A&A...642A..15K [ADS](#)
- Mason, J. P., Chamberlin, P. C., Woods, T. N., et al., “CME Acceleration as a Probe of the Coronal Magnetic Field”, 2020arXiv200905625M [ADS](#)
- Li, T., Hou, Y., Yang, S., et al., “Magnetic Flux of Active Regions Determining the Eruptive Character of Large Solar Flares”, 2020ApJ...900..128L [ADS](#)
- Mitra, P. K., Joshi, B., Veronig, A. M., et al., “Eruptive-Impulsive Homologous M-class Flares Associated with Double-decker Flux Rope Configuration in Minisigmoid of NOAA 12673”, 2020ApJ...900..23M [ADS](#)
- Rodríguez Gómez, J. M., Podladchikova, T., Veronig, A., et al., “Clustering of Fast Coronal Mass Ejections during Solar Cycles 23 and 24 and the Implications for CME-CME Interactions”, 2020ApJ...899..47R [ADS](#)
- Dumbović, M., Vršnak, B., Guo, J., et al., “Evolution of Coronal Mass Ejections and the Corresponding Forbush Decreases: Modeling vs. Multi-Spacecraft Observations”, 2020SoPh..295..104D [ADS](#)
- Marićić, D., Vršnak, B., Veronig, A. M., et al., “Sun-to-Earth Observations and Characteristics of Isolated Earth-Impacting Interplanetary Coronal Mass Ejections During 2008 - 2014”, 2020SoPh..295..91M [ADS](#)
- Veronig, A. M., “Can we predict solar flares?”, 2020Sci...369..504V [ADS](#)
- Gou, T., Veronig, A. M., Liu, R., et al., “Solar Flare-CME Coupling throughout Two Acceleration Phases of a Fast CME”, 2020ApJ...897L..36G [ADS](#)
- Hofmeister, S. J., Veronig, A. M., Poedts, S., Samara, E., & Magdalenić, J., “On the Dependency between the Peak Velocity of High-speed Solar Wind Streams near Earth and the Area of Their Solar Source Coronal Holes”, 2020ApJ...897L..17H [ADS](#)
- Sahu, S., Joshi, B., Mitra, P. K., Veronig, A. M., & Yurchyshyn, V., “Hard X-Ray Emission from an Activated Flux Rope and Subsequent Evolution of an Eruptive Long-duration Solar Flare”, 2020ApJ...897..157S [ADS](#)
- Jebaraj, I. C., Magdalenić, J., Podladchikova, T., et al., “Using radio triangulation to understand the origin of two subsequent type II radio bursts”, 2020A&A...639A..56J [ADS](#)
- Devi, P., Joshi, B., Chandra, R., et al., “Development of a Confined Circular-Cum-Parallel Ribbon Flare and Associated Pre-Flare Activity”, 2020SoPh..295..75D [ADS](#)
- Chikunova, G., Dissauer, K., Podladchikova, T., & Veronig, A. M., “Coronal Dimmings Associated with Coronal Mass Ejections on the Solar Limb”, 2020ApJ...896..17C [ADS](#)
- Heinemann, S. G., Jerčić, V., Temmer, M., et al., “A statistical study of the long-term evolution of coronal hole properties as observed by SDO”, 2020A&A...638A..68H [ADS](#)
- Palacios, J., Utz, D., Hofmeister, S., et al., “Magnetic Flux Emergence in a Coronal Hole”, 2020SoPh..295..64P [ADS](#)
- Dumbovic, M., Vrsnak, B., Guo, J., et al., “CME evolution and the corresponding Forbush decrease: modelling vs multi-spacecraft observation”, 2020EGUGA..2210446D [ADS](#)
- von Forstner, J., Guo, J., Wimmer-Schweingruber, R. F., et al., “Using Forbush decreases at Earth and Mars to measure the radial evolution of ICMEs”, 2020EGUGA..22.7838V [ADS](#)
- Temmer, M., Holzknecht, L., Dumbovic, M., et al., “Relating CME density derived from remote sensing data to CME sheath solar wind plasma pile up as measured in-situ”, 2020EGUGA..22.3341T [ADS](#)
- Scolini, C., Pomoell, J., Chané, E., et al., “Observation-based modelling of magnetised CMEs in the inner heliosphere with EUHFORIA”, 2020EGUGA..22.1777S [ADS](#)
- Sulis, S., Lendl, M., Hofmeister, S., et al., “Mitigating flicker noise in high-precision photometry. I. Characterization of the noise structure, impact on the inferred transit parameters, and predictions for CHEOPS observations”, 2020A&A...636A..70S [ADS](#)
- Freiherr von Forstner, J. L., Guo, J., Wimmer-Schweingruber, R. F., et al., “Comparing the Properties of ICME-Induced Forbush Decreases at Earth and Mars”, 2020JGRA..12527662F [ADS](#)
- Cairns, I. H., Kozarev, K. A., Nitta, N. V., et al., “Comprehensive Characterization of Solar Eruptions with Remote and In-Situ Observations, and Modeling: The Major Solar Events on 4 November 2015”, 2020SoPh..295..32C [ADS](#)
- Scolini, C., Chané, E., Temmer, M., et al., “CME-CME Interactions as Sources of CME Geoeffectiveness: The Formation of the Complex Ejecta and Intense Geomagnetic Storm in 2017 Early September”, 2020ApJS..247..21S [ADS](#)
- Saqri, J., Veronig, A. M., Heinemann, S. G., et al., “Differential Emission Measure Plasma Diagnostics of a Long-Lived Coronal Hole”, 2021SoPh..295..65 [ADS](#)
- Hernandez-Perez, A., Su, Y., Thalmann, J., et al., “A Hot Cusp-shaped Confined Solar Flare”, 2019ApJ...887L..28H [ADS](#)
- Wimmer-Schweingruber, R. F., McNutt, R. L., Jr., Brandt, P. C., et al., “Interstellar Probe - To Touch Interstellar Space”, 2019AGUFMSH54A..01W [ADS](#)
- Scolini, C., Poedts, S., Rodriguez, L., et al., “A study of the role of CME-CME interactions on CME geo-effectiveness with EUHFORIA”, 2019AGUFMSH43D3368S [ADS](#)
- Freiherr von Forstner, J. L., Guo, J., Wimmer-Schweingruber, R. F., et al., “Comparing the Properties of ICME-Induced Forbush Decreases at Earth and Mars”, 2019AGUFMSH41D3339F [ADS](#)
- Podladchikova, T., Podladchikova, O., & Veronig, A., “Data assimilation with an adaptive Kalman filter for short-term forecasts of the F30 and F10.7 cm radio flux”, 2019AGUFMSH34B..03P [ADS](#)
- Gou, T., Liu, R., Veronig, A., & Wang, Y., “The Role of Small-Scale Seed in the Origin of Large-Scale Solar Eruptions”, 2019AGUFMSH33B3395G [ADS](#)
- Dissauer, K., Prasad, A., & Veronig, A., “Understanding the magnetic topology and reconfiguration of the early stages of solar eruptions by investigating coronal dimmings”, 2019AGUFMSH32A..04D [ADS](#)
- Veronig, A., Podladchikova, T., Dissauer, K., et al., “Genesis and impulsive evolution of the fast CME associated with the X8.2 flare on 2017 September 10”, 2019AGUFMSH13A..02V [ADS](#)
- Heinemann, S. G., Temmer, M., Heinemann, N., et al., “VizieR Online Data Catalog: Coronal hole parameters (Heinemann+, 2019)”, 2019yCatp058029401H [ADS](#)
- Sarkar, R., Srivastava, N., & Veronig, A. M., “Lorentz Force Evolution Reveals the Energy Build-up Processes during Recurrent Eruptive Solar Flares”, 2019ApJ...885L..17S [ADS](#)
- Heinemann, S. G., Temmer, M., Heinemann, N., et al., “Statistical Analysis and Catalog of Non-polar Coronal Holes Covering the SDO-Era Using CATCH”, 2019SoPh..294..144H [ADS](#)
- Miteva, R., Samwel, S. W., Veronig, A., et al., “EVE Flare Diagnostics of in situ Observed Electron Events”, 2019simi.conf..196M [ADS](#)

- Heinemann, S. G., Temmer, M., Farrugia, C. J., et al., “*CME-HSS Interaction and Characteristics Tracked from Sun to Earth*”, 2019SoPh..294..121H [ADS](#)
- Hofmeister, S., Utz, D., Heinemann, S. G., Veronig, A., & Temmer, M., “*Photospheric magnetic structure of coronal holes*”, 2019A&A...629A..22H [ADS](#)
- Dumbović, M., Guo, J., Temmer, M., et al., “*Unusual Plasma and Particle Signatures at Mars and STEREO-A Related to CME-CME Interaction*”, 2019ApJ...880...18D [ADS](#)
- Veronig, A. M., Gömöry, P., Dissauer, K., Temmer, M., & Vanninathan, K., “*Spectroscopy and Differential Emission Measure Diagnostics of a Coronal Dimming Associated with a Fast Halo CME*”, 2019ApJ...879...85V [ADS](#)
- Vršnak, B., Amerstorfer, T., Dumbović, M., et al., “*Heliospheric Evolution of Magnetic Clouds*”, 2019ApJ...877...77V [ADS](#)
- Podladchikova, T., Veronig, A. M., Dissauer, K., Temmer, M., & Podladchikova, O., “*Three-dimensional Reconstructions of Extreme-ultraviolet Wave Front Heights and Their Influence on Wave Kinematics*”, 2019ApJ...877...68P [ADS](#)
- Prasad, A., Dissauer, K., Hu, Q., et al., “*Magnetohydrodynamic Simulation of Magnetic Null-point Reconnections and Coronal dimmings in NOAA AR 11283*”, 2019AA...23431004P [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “*The Focusing Optics X-ray Solar Imager (FOXS)*”, 2019AA...23422501C [ADS](#)
- Miteva, R., Koleva, K., Dechev, M., et al., “*Analysis of SDO/EVE Flares in Relation to Solar Energetic Protons*”, 2019EGUGA..2115190M [ADS](#)
- Podladchikova, T., Veronig, A. M., Podladchikova, O., et al., “*Multiple EUV wave reflection from a coronal hole*”, 2019EGUGA..21.9793P [ADS](#)
- Guo, J., Temmer, M., Veronig, A., et al., “*The in situ Solar Wind and Galactic Cosmic Ray correlation at Mars and its comparison with Earth observations*”, 2019EGUGA..21.9366G [ADS](#)
- Kozarev, K., Veronig, A., Temmer, M., et al., “*Radial and Tangential Kinematics and Angular Extent of EUV Coronal Bright Fronts*”, 2019EGUGA..21.9290K [ADS](#)
- Veronig, A., Podladchikova, T., Dissauer, K., et al., “*Genesis, magnetic morphology and impulsive evolution of the coronal mass ejection associated with the X8.2 flare on 2017 September 10*”, 2019EGUGA..21.9243V [ADS](#)
- von Forstner, J., Guo, J., Wimmer-Schweingruber, R. F., et al., “*ICMEs Propagating Towards Mars Observed in Heliospheric Imagers and their Associated Forbush Decreases at MSL/RAD*”, 2019EGUGA..21.8305V [ADS](#)
- Dumbovic, M., Guo, J., Temmer, M., et al., “*Unusual plasma and particle signatures at Mars and STEREO-A related to inhibited expansion caused by CME-CME interaction*”, 2019EGUGA..21.6957D [ADS](#)
- Leitzinger, M., Odert, P., Vida, K., et al., “*Stellar CMEs from an observational point of view*”, 2019EGUGA..21.6786L [ADS](#)
- Liu, R., Gou, T., Kliem, B., Wang, Y., & Veronig, A., “*The Birth of a Coronal Mass Ejection*”, 2019EGUGA..21.5194L [ADS](#)
- Dissauer, K., Veronig, A. M., Temmer, M., & Podladchikova, T., “*Statistics of Coronal Dimmings Associated with Coronal Mass Ejections. II. Relationship between Coronal Dimmings and Their Associated CMEs*”, 2019ApJ...874..123D [ADS](#)
- Hernandez-Perez, A., Su, Y., Veronig, A. M., et al., “*Pre-eruption Processes: Heating, Particle Acceleration, and the Formation of a Hot Channel before the 2012 October 20 M9.0 Limb Flare*”, 2019ApJ...874..122H [ADS](#)
- Gou, T., Liu, R., Kliem, B., Wang, Y., & Veronig, A. M., “*The Birth of A Coronal Mass Ejection*”, 2019SciA...5.7004G [ADS](#)
- Campos Rozo, J. I., Utz, D., Vargas Domínguez, S., Veronig, A., & Van Doorselaere, T., “*Photospheric plasma and magnetic field dynamics during the formation of solar AR 11190*”, 2019A&A...622A.168C [ADS](#)
- Green, L. M., Török, T., Vršnak, B., Manchester, Ward, I., & Veronig, A., “*The Origin, Early Evolution and Predictability of Solar Eruptions*”, in D. Baker, A. Balogh, T. Gombosi, H. E. J. Koskinen, A. Veronig, and R. von Steiger (Eds.), *The Scientific Foundation of Space Weather. Series: Space Sciences Series of ISSI*, Vol. 67, 113–164. 2019sfsw.book..113G [ADS](#)
- Koskinen, H. E. J., Baker, D. N., Balogh, A., et al., “*Achievements and Challenges in the Science of Space Weather*”, in D. Baker, A. Balogh, T. Gombosi, H. E. J. Koskinen, A. Veronig, and R. von Steiger (Eds.), *The Scientific Foundation of Space Weather. Series: Space Sciences Series of ISSI*, Vol. 67, 1–21. 2019sfsw.book...1K [ADS](#)
- Baker, D., Balogh, A., Gombosi, T., et al.: 2019, *The Scientific Foundation of Space Weather 2019sfsw.book.....B* [ADS](#)
- Sindhuja, G., Srivastava, N., Veronig, A. M., & Pötzl, W., “*Study of reconnection rates and light curves in solar flares from low and mid chromosphere*”, 2019MNRAS.482.3744S [ADS](#)
- Mitra, P. K., Joshi, B., Prasad, A., Veronig, A. M., & Bhattacharyya, R., “*Successive Flux Rope Eruptions from δ-sunspots Region of NOAA 12673 and Associated X-class Eruptive Flares on 2017 September 6*”, 2018ApJ...869...69M [ADS](#)
- Veronig, A. M., Podladchikova, T., Dissauer, K., et al., “*Genesis and Impulsive Evolution of the 2017 September 10 Coronal Mass Ejection*”, 2018ApJ...868..107V [ADS](#)
- Hofmeister, S., Utz, D., Heinemann, S., Veronig, A., & Temmer, M., “*The photospheric structure of coronal holes: magnetic elements*”, 2018csc..confE.129H [ADS](#)
- Delouille, V., Hofmeister, S., Reiss, M., et al., “*Coronal holes detection using supervised classification*”, 2018csc..confE..93D [ADS](#)
- Podladchikova, T., Veronig, A. M., Dissauer, K., et al., “*Evolution of flux rope, CME and associated EUV wave in the 10-Sep-2018 X8.2 event*”, 2018csc..confE..38P [ADS](#)
- Dissauer, K., Veronig, A. M., Temmer, M., Podladchikova, T., & Vanninathan, K., “*Studying the dynamics of coronal dimmings and their relationship to flares and coronal mass ejections*”, 2018csc..confE..26D [ADS](#)
- Baumgartner, C., Thalmann, J. K., & Veronig, A. M., “*Which factors of an active region determine whether a strong flare will be CME associated or not?*”, 2018csc..confE..10B [ADS](#)
- Miteva, R., Koleva, K., Dechev, M., et al., “*Hard X-ray Diagnostic of Proton Producing Solar Flares Compared to Other Emission Signatures*”, 2018PASRB..18..117M [ADS](#)
- Utz, D., Van Doorselaere, T., Gagelmans, E., et al., “*Long-term trends of magnetic bright points: The evolution of MBP size*”, 2018simi.conf..179U [ADS](#)
- Krikova, K., Utz, D., Veronig, A., et al., “*Dynamics and magnetic properties in coronal holes using high-resolution multi-instrument solar observations*”, 2018simi.conf...31K [ADS](#)
- Koleva, K., Duchlev, P., Dechev, M., et al., “*Filament Eruptions Associated with Flares, Coronal Mass Ejections and Solar Energetic Particle Events*”, 2018simi.conf...19K [ADS](#)
- Guo, J., Dumbović, M., Wimmer-Schweingruber, R. F., et al., “*Modeling the Evolution and Propagation of 10 September 2017 CMEs and SEPs Arriving at Mars Constrained by Remote Sensing and In Situ Measurement*”, 2018SpWea..16.1156G [ADS](#)
- Dissauer, K., Veronig, A. M., Temmer, M., Podladchikova, T., & Vanninathan, K., “*Statistics of Coronal Dimmings Associated with Coronal Mass Ejections. I. Characteristic Dimming Properties and Flare Association*”, 2018ApJ...863..169D [ADS](#)
- Heinemann, S. G., Hofmeister, S. J., Veronig, A. M., & Temmer, M., “*Three-phase Evolution of a Coronal Hole. II. The Magnetic Field*”, 2018ApJ...863...29H [ADS](#)
- Guo, J., Dumbović, M., Wimmer-Schweingruber, R. F., et al., “*Modeling the evolution and propagation of the 2017 September 9th and 10th CMEs and SEPs arriving at Mars constrained by remote-sensing and in-situ measurement*”, 2018shin.confE..84G [ADS](#)
- Veronig, A., Thalmann, J. K., & Baumgartner, C., “*Which factors of an active region determine whether a flare will be eruptive or confined?*”, 2018cosp...42E3539V [ADS](#)
- Veronig, A., Tschernitz, J., Thalmann, J. K., Hinterreiter, J., & Pötzl, W., “*Magnetic reconnection fluxes in solar flares and their implications for solar and stellar superflares*”, 2018cosp...42E3538V [ADS](#)
- Su, Y., Li, Y., Gan, W., et al., “*Evidence of accelerated particles in the reconnection outflows above two flare cusps*”, 2018cosp...42E3283S [ADS](#)
- Podladchikova, T., Veronig, A., Temmer, M., & Hofmeister, S., “*Development of adaptive Kalman filter for solar wind forecast*”, 2018cosp...42E2698P [ADS](#)
- Podladchikova, T., Dissauer, K., Veronig, A., Temmer, M., & Seaton, D., “*CME acceleration and EUV wave kinematics for September 10th 2017 event*”, 2018cosp...42E2697P [ADS](#)
- Guo, J., Wang, Y., Mays, M. L., et al., “*The September 2017 events and their imprints at Earth, Mars and STEREO-A*”, 2018cosp...42E1321G [ADS](#)
- Gou, T., Liu, R., Veronig, A., Dickson, E., & Hernandez-Perez, A., “*Two-step Magnetic Reconnection in a Solar Flare*”, 2018cosp...42E1267G [ADS](#)
- Dumbovic, M., Möstl, C., Mays, M. L., et al., “*Drag-based ensemble model (DBEM)*”, 2018cosp...42E.918D [ADS](#)
- Dissauer, K., Podladchikova, T., Vanninathan, K., Veronig, A., & Temmer, M., “*What can we learn from coronal dimmings about the early evolution of Earth-directed CMEs?*”, 2018cosp...42E.846D [ADS](#)
- Heinemann, S. G., Temmer, M., Hofmeister, S. J., Veronig, A. M., & Vennerström, S., “*Three-phase Evolution of a Coronal Hole. I. 360 deg Remote Sensing and In Situ Observations*”, 2018ApJ...861..151H [ADS](#)
- Campos Rozo, J. I., Utz, D., Veronig, A., & Vargas Domínguez, S., “*Modelling the solar photospheric plasma and magnetic field dynamics in the quiet Sun and comparison of these results with the flow fields in an evolving active region*”, 2018simi.conf...37C [ADS](#)
- Delouille, V., Hofmeister, S. J., Reiss, M. A., et al., “*Chapter 15 - Coronal Holes Detection Using Supervised Classification*”, in In: Machine Learning Techniques for Space Weather, 365–395. 2018mlts.book..365D [ADS](#)
- Swalwell, B., Dalla, S., Kahler, S., et al., “*The Reported Durations of GOES Soft X-Ray Flares in Different Solar Cycles*”, 2018SpWea..16..660S [ADS](#)

- Pötzl, W., Veronig, A. M., & Temmer, M., “An Event-Based Verification Scheme for the Real-Time Flare Detection System at Kanzelhöhe Observatory”, 2018SoPh..293...94P [ADS](#)
- Plantschitsch, I., Vršnak, B., Hanslmeier, A., et al., “Numerical Simulation of Coronal Waves Interacting with Coronal Holes. III. Dependence on Initial Amplitude of the Incoming Wave”, 2018ApJ...860...24P [ADS](#)
- Klassen, A., Dresing, N., Gómez-Herrero, R., Heber, B., & Veronig, A., “Strong non-radial propagation of energetic electrons in solar corona”, 2018A&A...614A..61K [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “The Focusing Optics X-ray Solar Imager (FOXI) SMEX Mission”, 2017AGUFMSH44A..07C [ADS](#)
- Shih, A. Y., Christe, S., Krucker, S., et al., “Anticipated Results from the FOXI SMEX Mission”, 2017AGUFMSH43C..03S [ADS](#)
- Dresing, N., Klassen, A., Temmer, M., et al., “Long-lasting solar energetic electron injection during the 26 Dec 2013 widespread SEP event”, 2017AGUFMSH33C..03D [ADS](#)
- Kozarev, K., Veronig, A., Duchlev, P., et al., “Presentation of the project “An investigation of the early stages of solar eruptions - from remote observations to energetic particles””, 2017ses..conf...63K [ADS](#)
- Koskinen, H. E. J., Baker, D. N., Balogh, A., et al., “Achievements and Challenges in the Science of Space Weather”, 2017SSRv..212.1137K [ADS](#)
- Plantschitsch, I., Vršnak, B., Hanslmeier, A., et al., “A Numerical Simulation of Coronal Waves Interacting with Coronal Holes. I. Basic Features”, 2017ApJ...850...88P [ADS](#)
- Podladchikova, T., Van der Linden, R., & Veronig, A. M., “Sunspot Number Second Differences as a Precursor of the Following 11-year Sunspot Cycle”, 2017ApJ...850...81P [ADS](#)
- Hernandez-Perez, A., Thalmann, J. K., Veronig, A. M., et al., “Generation Mechanisms of Quasi-parallel and Quasi-circular Flare Ribbons in a Confined Flare”, 2017ApJ...847..124H [ADS](#)
- Poljančić Beljan, I., Jurđana-Šepić, R., Brajša, R., et al., “Solar differential rotation in the period 1964–2016 determined by the Kanzelhöhe data set”, 2017A&A...606A..72P [ADS](#)
- Leitner, P., Lemmerer, B., Hanslmeier, A., et al., “Structure of the solar photosphere studied from the radiation hydrodynamics code ANTARES”, 2017Ap&SS..362..181L [ADS](#)
- Gou, T., Veronig, A. M., Dickson, E. C., Hernandez-Perez, A., & Liu, R., “Direct Observation of Two-step Magnetic Reconnection in a Solar Flare”, 2017ApJ...845L..1G [ADS](#)
- Thalmann, J. K., Su, Y., Temmer, M., & Veronig, A. M., “Erratum: textquotedbllfetThe Confined X-class Flares of Solar Active Region 2192textquoted-blright (<A href=“<http://doi.org/10.1088/2041-8205/801/2/L23>”>2015, ApJL, 801, L23</A>)”, 2017ApJ...844L..27T [ADS](#)
- Liu, L., Wang, Y., Liu, R., et al., “The Causes of Quasi-homologous CMEs”, 2017ApJ...844..141L [ADS](#)
- Poljančić Beljan, I., Jurđana-Šepić, R., Brajša, R., et al., “Solar differential rotation in the period 1964 – 2016 determined by the Kanzelhöhe data set”, 2017arXiv170707886P [ADS](#)
- Temmer, M., Thalmann, J. K., Dissauer, K., et al., “On Flare-CME Characteristics from Sun to Earth Combining Remote-Sensing Image Data with In Situ Measurements Supported by Modeling”, 2017SoPh..292...93T [ADS](#)
- Gömöry, P., Baltasar, 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](#)
- Gómez-Herrero, R., Dresing, N., Klassen, A., et al., “Sunward-propagating Solar Energetic Electrons inside Multiple Interplanetary Flux Ropes”, 2017ApJ...840...85G [ADS](#)
- Krauss, S., Temmer, M., Edl, M., & Veronig, A., “Statistical analysis on how CME and SIR/CIR events effect the geomagnetic activity and the Earth’s thermosphere”, 2017EGUGA..1915251K [ADS](#)
- Magdalenić, J., Temmer, M., Krupar, V., et al., “The February 15 2011 CME-CME interaction and possibly associated radio emission”, 2017EGUGA..19.9850M [ADS](#)
- Veronig, A., Tscherñitz, J., Hinterreiter, J., & Thalmann, J., “Magnetic reconnection rates in solar flares and implications for “superflares””, 2017EGUGA..19.4751V [ADS](#)
- Temmer, M., Thalmann, J. K., Dissauer, K., et al., “Flare-CME characteristics from Sun to Earth combining observations and modeling”, 2017EGUGA..19.1942T [ADS](#)
- Temmer, M., Reiss, M. A., Nikolic, L., Hofmeister, S. J., & Veronig, A. M., “Quantification of disturbance periods of solar wind speed in interplanetary space due to coronal mass ejections”, 2017EGUGA..19.1940T [ADS](#)
- Vanninathan, K., Veronig, A., Gomory, P., et al., “Understanding CMEs using plasma diagnostics of the related dimmings”, 2017EGUGA..19.1571V [ADS](#)
- Hofmeister, S. J., Veronig, A., Reiss, M. A., et al., “Characteristics of Low-latitude Coronal Holes near the Maximum of Solar Cycle 24”, 2017ApJ...835..268H [ADS](#)
- Temmer, M., Reiss, M. A., Nikolic, L., Hofmeister, S. J., & Veronig, A. M., “Preconditioning of Interplanetary Space Due to Transient CME Disturbances”, 2017ApJ...835..141T [ADS](#)
- Leitner, P., Lemmerer, B., Hanslmeier, A., et al., “High-resolution modeling of the solar photosphere with the ANTARES RHD code”, 2017psio.confE.110L [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](#)
- Veronig, A., “*Solar eruptions and energetic events*”, 2017psio.confE..64V [ADS](#)
- Christe, S., Krucker, S., Glesener, L., et al., “*Exploring impulsive solar magnetic energy release and particle acceleration with focused hard X-ray imaging spectroscopy*”, 2017arXiv170100792C [ADS](#)
- Long, D. M., Bloomfield, D. S., Chen, P. F., et al., “*Understanding the Physical Nature of Coronal “EIT Waves”*”, 2017SoPh..292....7L [ADS](#)
- Joshi, B., Kushwaha, U., Veronig, A. M., et al., “*Formation and Eruption of a Flux Rope from the Sigmoid Active Region NOAA 11719 and Associated M6.5 Flare: A Multi-wavelength Study*”, 2017ApJ...834...42J [ADS](#)
- Joshi, B., Kushwaha, U., Veronig, A. M., & Cho, K. S., “*Pre-flare Coronal Jet and Evolutionary Phases of a Solar Eruptive Prominence Associated with the M1.8 Flare: SDO and RHESSI Observations*”, 2016ApJ...832..130J [ADS](#)
- Christe, S., Shih, A. Y., Krucker, S., et al., “*The Focusing Optics X-ray Solar Imager (FOXS) SMEX Mission*”, 2016AGUFMSH13A2281C [ADS](#)
- Pötzi, W., Veronig, A. M., Temmer, M., et al., “*70 Years of Sunspot Observations at the Kanzelhöhe Observatory: Systematic Study of Parameters Affecting the Derivation of the Relative Sunspot Number*”, 2016SoPh..291.3103P [ADS](#)
- Su, Y., Veronig, A. M., Hannah, I., & Gan, W., “*Study of Plasma Heating in Solar Eruptive Events*”, 2016usc..confE..78S [ADS](#)
- Long, D. M., Bloomfield, D. S., Chen, P. F., et al., “*Understanding the Physical Nature of Coronal “EIT Waves”*”, 2016usc..confE..24L [ADS](#)
- Dissauer, K., Temmer, M., Veronig, A. M., Vanninathan, K., & Magdalenić, J., “*Projection Effects in Coronal Dimmings and Associated EUV Wave Event*”, 2016ApJ...830...92D [ADS](#)
- Thalmann, J. K., Veronig, A., & Su, Y., “*Temporal and Spatial Relationship of Flare Signatures and the Force-free Coronal Magnetic Field*”, 2016ApJ...826..143T [ADS](#)
- Vennstrom, S., Lefevre, L., Dumbović, M., et al., “*Extreme Geomagnetic Storms - 1868 - 2010*”, 2016SoPh..291.1447V [ADS](#)
- Schrijver, C. J., Fletcher, L., van Driel-Gesztelyi, L., et al., “*Division E Commission 10: Solar Activity*”, 2016IAUTA..29..245S [ADS](#)
- Krauss, S., Temmer, M., Veronig, A., & Baur, O., “*Impact of coronal mass ejections on the Earth’s thermosphere and geoeffectiveness observed by ACE and GRACE: Statistical results*”, 2016EGUGA..18.9350K [ADS](#)
- Thalmann, J., Temmer, M., Veronig, A., & Su, Y., “*Space Weather and confined CME events*”, 2016EGUGA..18.7517T [ADS](#)
- Dissauer, K., Temmer, M., Veronig, A., Vanninathan, K., & Magdalenić, J., “*Projection effects in coronal dimmings and associated EUV wave event*”, 2016EGUGA..18.6857D [ADS](#)
- Veronig, A. M. & Pötzi, W., “*Ground-based Observations of the Solar Sources of Space Weather*”, 2016ASPC..504..247V [ADS](#)
- Thalmann, J. K., Su, Y., Temmer, M., & Veronig, A. M., “*Exceptions to the rule: the X-flares of AR 2192 Lacking Coronal Mass Ejections*”, 2016ASPC..504..203T [ADS](#)
- Gömöry, P., Veronig, A. M., Su, Y., Temmer, M., & Thalmann, J. K., “*Chromospheric evaporation flows and density changes deduced from Hinode/EIS during an M1.6 flare*”, 2016A&A...588A...6G [ADS](#)
- Dresing, N., Gómez-Herrero, R., Heber, B., et al., “*Injection of solar energetic particles into both loop legs of a magnetic cloud*”, 2016A&A...586A..55D [ADS](#)
- Wedemeyer, S., Fleck, B., Battaglia, M., et al., “*ALMA Observations of the Sun in Cycle 4 and Beyond*”, 2016arXiv160100587W [ADS](#)
- Vršnak, B., Žic, T., Lulić, S., Temmer, M., & Veronig, A. M., “*Formation of Coronal Large-Amplitude Waves and the Chromospheric Response*”, 2016SoPh..291...89V [ADS](#)
- Thalmann, J. K., Su, Y., Temmer, M., & Veronig, A. M., “*The exceptional aspects of the confined X-class flares of solar active region 2192*”, 2016IAUS..320...60T [ADS](#)
- Pötzi, W., Veronig, A., Temmer, M., et al., “*70 Years of Sunspot Observations at Kanzelhoehe Observatory*”, 2016CEAB...40..143P [ADS](#)
- Utz, D., Muller, R., Thonhofer, S., et al., “*Long-term trends of magnetic bright points. I. Number of magnetic bright points at disc centre*”, 2016A&A...585A..39U [ADS](#)
- Dresing, N., Gómez-Herrero, R., Heber, B., et al., “*STEREO Observations of an SEP Event Injected Into Both Loop Legs of a Magnetic Cloud*”, 2015AGUFMSH42A..06D [ADS](#)
- Veronig, A. M. & Polanec, W., “*Magnetic Reconnection Rates and Energy Release in a Confined X-class Flare*”, 2015SoPh..290.2923V [ADS](#)
- Krauss, S., Temmer, M., Veronig, A., Baur, O., & Lammer, H., “*Thermospheric and geomagnetic responses to interplanetary coronal mass ejections observed by ACE and GRACE: Statistical results*”, 2015JGRA..120.8848K [ADS](#)
- Vanninathan, K., Veronig, A. M., Dissauer, K., et al., “*Coronal Response to an EUV Wave from DEM Analysis*”, 2015ApJ...812..173V [ADS](#)
- Mgheibishvili, I., Zaqrashvili, T. V., Kukhianidze, V., et al., “*Dynamics of a Solar Prominence Tornado Observed by SDO/AIA on 2012 November 7-8*”, 2015ApJ...810...89M [ADS](#)
- Lemmerer, B., Hanslmeier, A., Veronig, A., Muthsam, H., & Piantschitsch, I., “*3D Tracking of small-scale convective upflows*”, 2015IAUGA..2247142L [ADS](#)
- Thalmann, J. K., Su, Y., Temmer, M., & Veronig, A., “*The exceptional aspects of the confined X-Flares of Solar Active Region 2192*”, 2015IAUGA..2215645T [ADS](#)
- Reiss, M. A., Hofmeister, S. J., De Visscher, R., et al., “*Improvements on coronal hole detection in SDO/AIA images using supervised classification*”, 2015JSWSC..5A..23R [ADS](#)
- Kushwaha, U., Joshi, B., Veronig, A. M., & Moon, Y.-J., “*Large-scale Contraction and Subsequent Disruption of Coronal Loops During Various Phases of the M6.2 Flare Associated with the Confined Flux Rope Eruption*”, 2015ApJ...807..101K [ADS](#)
- Rotter, T., Veronig, A. M., Temmer, M., & Vršnak, B., “*Real-Time Solar Wind Prediction Based on SDO/AIA Coronal Hole Data*”, 2015SoPh..290.1355R [ADS](#)
- Pötzi, W., Veronig, A. M., Riegler, G., et al., “*Real-time Flare Detection in Ground-Based Hα Imaging at Kanzelhöhe Observatory*”, 2015SoPh..290..951P [ADS](#)
- Thalmann, J. K., Su, Y., Temmer, M., & Veronig, A. M., “*The Confined X-class Flares of Solar Active Region 2192*”, 2015ApJ...801L..23T [ADS](#)
- Dumbović, M., Devos, A., Vršnak, B., et al., “*Geoeffectiveness of Coronal Mass Ejections in the SOHO Era*”, 2015SoPh..290..579D [ADS](#)
- Pötzi, W., Veronig, A., Riegler, G., et al., “*The real-time flare detection system at Kanzelhöhe Observatory*”, 2015CEAB...39..125P [ADS](#)
- Heber, B., Wallmann, C., Galsdorf, D., et al., “*Forbush decreases associated to Stealth Coronal Mass Ejections*”, 2015CEAB...39..75H [ADS](#)
- Vršnak, B., Muhr, N., Žic, T., et al., “*Initiation and Evolution of Global Coronal Waves*”, 2015CEAB...39..65V [ADS](#)
- Muhr, N., Veronig, A. M., Kienreich, I. W., et al., “*Statistical Analysis of Large-Scale EUV Waves Observed by STEREO/EUVIT*”, 2014SoPh..289.4563M [ADS](#)
- Vršnak, B., Temmer, M., Žic, T., et al., “*Heliospheric Propagation of Coronal Mass Ejections: Comparison of Numerical WSA-ENLIL+Cone Model and Analytical Drag-based Model*”, 2014ApJS..213..21V [ADS](#)
- Kushwaha, U., Joshi, B., Cho, K.-S., et al., “*Impulsive Energy Release and Non-thermal Emission in a Confined M4.0 Flare Triggered by Rapidly Evolving Magnetic Structures*”, 2014ApJ...791...23K [ADS](#)
- Miteva, R., Klein, K. L., Kienreich, I., et al., “*Solar Energetic Particles and Associated EIT Disturbances in Solar Cycle 23*”, 2014SoPh..289.2601M [ADS](#)
- Rollett, T., Möstl, C., Temmer, M., et al., “*Combined Multipoint Remote and in situ Observations of the Asymmetric Evolution of a Fast Solar Coronal Mass Ejection*”, 2014ApJ...790L..6R [ADS](#)
- Möstl, C., Amla, K., Hall, J. R., et al., “*Connecting Speeds, Directions and Arrival Times of 22 Coronal Mass Ejections from the Sun to 1 AU*”, 2014ApJ...787..119M [ADS](#)
- Gressl, C., Veronig, A. M., Temmer, M., et al., “*Comparative Study of MHD Modeling of the Background Solar Wind*”, 2014SoPh..289.1783G [ADS](#)
- Rollett, T., Möstl, C., Temmer, M., et al., “*Morphology of an ICME-event derived by Multi-point in Situ and Heliospheric Imaging Data*”, 2014EGUGA..1610892R [ADS](#)
- Möstl, C., Amla, K., Hall, J. R., et al., “*Connecting speeds, directions and arrival times of 22 coronal mass ejections from the Sun to 1 AU*”, 2014EGUGA..16.1755M [ADS](#)
- Krauss, S., Temmer, M., Lammer, H., et al., “*Response of the Earth’s thermosphere to interplanetary coronal mass ejections*”, 2014EPSC....9..724K [ADS](#)
- Su, Y., Gömöry, P., Veronig, A., et al., “*Solar Magnetized Tornadoes: Rotational Motion in a Tornado-like Prominence*”, 2014ApJ...785L..2S [ADS](#)
- Temmer, M., Veronig, A. M., Peinhart, V., & Vršnak, B., “*Asymmetry in the CME-CME Interaction Process for the Events from 2011 February 14-15*”, 2014ApJ...785...85T [ADS](#)
- Lemmerer, B., Utz, D., Hanslmeier, A., et al., “*Two-dimensional segmentation of small convective patterns in radiation hydrodynamics simulations*”, 2014A&A...563A.107L [ADS](#)
- Marićić, D., Vršnak, B., Dumbović, M., et al., “*Kinematics of Interacting ICMEs and Related Forbush Decrease: Case Study*”, 2014SoPh..289..351M [ADS](#)
- Pötzi, W., Riegler, G., Veronig, A., Pock, T., & Möstl, U., “*A system for near real-time detection of filament eruptions at Kanzelhöhe Observatory*”, 2014IAUS..300..519P [ADS](#)
- Joshi, B., Kushwaha, U., Cho, K., & Veronig, A., “*Signatures of magnetic reconnection during the evolutionary phases of a prominence eruption and associated XI.8 flare*”, 2014IAUS..300..424I [ADS](#)

- Valori, G., Török, T., Temmer, M., et al., "Initiation of Coronal Mass Ejections by Sunspot Rotation", 2014IAUS..300..201V [ADS](#)
- Reiss, M., Temmer, M., Rotter, T., Hofmeister, S. J., & Veronig, A. M., "Identification of coronal holes and filament channels in SDO/AIA 193Å images via geometrical classification methods", 2014CEAB..38..95R [ADS](#)
- Lemmerer, B., Utz, D., Hanslmeier, A., et al., "Detection of small convective patterns in observations and simulations", 2014CEAB..38..19L [ADS](#)
- Temmer, M., Vršnak, B., & Veronig, A. M., "The Wave-Driver System of the Off-Disk Coronal Wave of 17 January 2010", 2013SoPh..287..441T [ADS](#)
- Lulić, S., Vršnak, B., Žic, T., et al., "Formation of Coronal Shock Waves", 2013SoPh..286..509L [ADS](#)
- Török, T., Temmer, M., Valori, G., et al., "Initiation of Coronal Mass Ejections by Sunspot Rotation", 2013SoPh..286..453T [ADS](#)
- Kienreich, I. W., Muhr, N., Veronig, A. M., et al., "Solar TERrestrial Relations Observatory-A (STEREO-A) and PProject for On-Board Autonomy 2 (PROBA2) Quadrature Observations of Reflections of Three EUV Waves from a Coronal Hole", 2013SoPh..286..201K [ADS](#)
- Su, Y., Veronig, A. M., Holman, G. D., et al., "Imaging coronal magnetic-field reconnection in a solar flare", 2013NatPh...9..489S [ADS](#)
- Vršnak, B., Žic, T., Vrbanec, D., et al., "Propagation of Interplanetary Coronal Mass Ejections: The Drag-Based Model", 2013SoPh..285..295V [ADS](#)
- Joshi, B., Kushwaha, U., Cho, K. S., & Veronig, A. M., "RHESSI and TRACE Observations of Multiple Flare Activity in AR 10656 and Associated Filament Eruption", 2013ApJ...771..11J [ADS](#)
- Utz, D., Hanslmeier, A., Veronig, A., et al., "Variations of Magnetic Bright Point Properties with Longitude and Latitude as Observed by Hinode/SOT G-band Data", 2013SoPh..284..363U [ADS](#)
- Utz, D., Jurčák, J., Hanslmeier, A., et al., "Magnetic field strength distribution of magnetic bright points inferred from filtergrams and spectro-polarimetric data", 2013A&A..554A..65U [ADS](#)
- Bein, B. M., Temmer, M., Vourlidas, A., Veronig, A. M., & Utz, D., "The Height Evolution of the "True" Coronal Mass Ejection Mass derived from STEREO COR1 and COR2 Observations", 2013ApJ...768..31B [ADS](#)
- Riegler, G., Pock, T., Pötzl, W., & Veronig, A., "Filament and Flare Detection in Hextbackslashalpha image sequences", 2013arXiv1304.7132R [ADS](#)
- Rollett, T., Temmer, M., Möstl, C., et al., "Assessing the Constrained Harmonic Mean Method for Deriving the Kinematics of ICMEs with a Numerical Simulation", 2013SoPh..283..541R [ADS](#)
- Möstl, U., Temmer, M., & Veronig, A., "2.5D MHD Simulations of the Kelvin-Helmholtz Instability at CME-Boundaries in the Solar Corona", 2013EGUGA..15.4171M [ADS](#)
- Rollett, T., Veronig, A. M., Leitner, M., et al., "Radial evolution of magnetic cloud properties", 2013EGUGA..15.2710R [ADS](#)
- Pötzl, W., Temmer, M., Veronig, A., Hirtenfellner-Polanec, W., & Baumgartner, D., "The Kanzelhöhe Observatory", 2013EGUGA..15.1459P [ADS](#)
- Temmer, M., Vršnak, B., Möstl, C., et al., "Evolution of CMEs in the inner heliosphere - observations versus models", 2013EGUGA..15.1328T [ADS](#)
- Möstl, C., Amla, K., Hall, J. R., et al., "Forecasting coronal mass ejections at 1 AU using Heliospheric Imagers", 2013EGUGA..15.1311M [ADS](#)
- Su, Y., Veronig, A., Dennis, B. R., et al., "Direct Observations of Coronal Magnetic Reconnection", 2013enss.confE..53S [ADS](#)
- Su, Y., Wang, T., Veronig, A., Temmer, M., & Gan, W., "The role of solar "tornadoes" and vortices in filament formation and eruption", 2013enss.confE..51S [ADS](#)
- Möstl, U. V., Temmer, M., & Veronig, A. M., "The Kelvin-Helmholtz Instability at Coronal Mass Ejection Boundaries in the Solar Corona: Observations and 2.5D MHD Simulations", 2013ApJ...766L..12M [ADS](#)
- Marićić, D., Bostasyan, N., Dumbović, M., et al., "The Successive CME on 13th; 14th and 15th February 2011 and Forbush decrease on 18 February 2011", 2013JPhCS.409a2158M [ADS](#)
- Lemmerer, B., Utz, D., Hanslmeier, A., et al., "3D Image Segmentation Applied to Solar RHD Simulations", 2013CEAB..37..477L [ADS](#)
- Utz, D., Jurčák, J., Bellot-Rubio, L., et al., "A Magnetic Bright Point Case Study", 2013CEAB..37..459U [ADS](#)
- Srivastava, N., Crosby, N., Veronig, A., et al., "Solar eruptive filament studies at USO for the COMESEP project", 2013ASInC..10..67S [ADS](#)
- Rotter, T., Veronig, A. M., Temmer, M., & Vršnak, B., "Relation Between Coronal Hole Areas on the Sun and the Solar Wind Parameters at 1 AU", 2012SoPh..281..793R [ADS](#)
- Benz, A. O., Gallagher, P., Veronig, A., et al., "Spectrometer Telescope for Imaging X-rays (STIX)", 2012IAUSS..6E.509B [ADS](#)
- Farrugia, C. J., Harris, B. S., Leitner, M., et al., "Deep Solar Activity Minimum 2007-2009: Solar Wind Properties and Major Effects on the Terrestrial Magnetosphere", 2012AGUFMSM41C2226F [ADS](#)
- Veronig, A. M., Berkebile-Stoiser, S., Bein, B. M., & Temmer, M., "Relation between the impulsive CME acceleration and the nonthermal flare characteristics", 2012AGUFMSH54A..03V [ADS](#)
- Rollett, T., Temmer, M., Moestl, C., et al., "Validating a new method for deriving the kinematics of ICMEs with a numerical simulation", 2012AGUFMSH31A2209R [ADS](#)
- Moestl, C., Amla, K., Temmer, M., et al., "Forecasting coronal mass ejections at 1 AU using Heliospheric Imagers", 2012AGUFMSH31A2208M [ADS](#)
- Farrugia, C. J., Harris, B., Leitner, M., et al., "Deep Solar Activity Minimum 2007 - 2009: Solar Wind Properties and Major Effects on the Terrestrial Magnetosphere", 2012SoPh..281..461F [ADS](#)
- Möstl, C., Farrugia, C. J., Kilpua, E. K. J., et al., "Multi-point Shock and Flux Rope Analysis of Multiple Interplanetary Coronal Mass Ejections around 2010 August 1 in the Inner Heliosphere", 2012ApJ...758..10M [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](#)
- Su, Y., Wang, T., Veronig, A., Temmer, M., & Gan, W., "Solar Magnetized "Tornadoes": Relation to Filaments", 2012ApJ...756L..41S [ADS](#)
- Bein, B. M., Berkebile-Stoiser, S., Veronig, A. M., Temmer, M., & Vršnak, B., "Impulsive Acceleration of Coronal Mass Ejections. II. Relation to Soft X-Ray Flares and Filament Eruptions", 2012ApJ...755..44B [ADS](#)
- Utz, D., Hanslmeier, A., Müller, R., et al., "Dependence of Velocity Distributions of Small-Scale Magnetic Fields Derived from Hinode/SOT G-band Filtergrams on the Temporal Resolution of the Used Data Sets", 2012ASPC..454..55U [ADS](#)
- Joshi, B., Veronig, A., Cho, K.-S., et al., "Multi-wavelength investigation of pre-flare activity and magnetic reconnection during the evolutionary phases of a solar eruptive flare", 2012cosp...39..845J [ADS](#)
- Berkebile-Stoiser, S., Veronig, A. M., Bein, B. M., & Temmer, M., "Relation between the Coronal Mass Ejection Acceleration and the Non-thermal Flare Characteristics", 2012ApJ...753..88B [ADS](#)
- Moestl, U. V., Temmer, M., & Veronig, A. M., "The Kelvin-Helmholtz Instability at CME-Boundaries in the Solar Corona: Observations and Preliminary 2.5D MHD Simulations", 2012shin.confE..85M [ADS](#)
- Rollett, T., Möstl, C., Temmer, M., Veronig, A., & Farrugia, C. J., "Kinematics of Coronal Mass Ejections in the Inner Heliosphere Constrained with In Situ Signatures", 2012shin.confE..80R [ADS](#)
- Moestl, C., Farrugia, C. J., Kilpua, E. K. J., et al., "Multi-point shock and flux rope analysis of multiple ICMEs around 2010 August 1 in the inner heliosphere", 2012shin.confE..77M [ADS](#)
- Gressl, C., Veronig, A. M., Temmer, M., & Odstrcil, D., "Comparison of MHD Simulations of the Solar Wind with In-Situ Measurements", 2012shin.confE..31G [ADS](#)
- Berkebile-Stoiser, S., Veronig, A. M., Bein, B. M., & Temmer, M., "CME acceleration and non-thermal flare characteristics", 2012arXiv1205.2539B [ADS](#)
- Kienreich, I. W., Muhr, N., Veronig, A., et al., "STEREO-A and PROBA2 Quadrature Observations of Reflections of three EUV Waves from a Coronal Hole", 2012arXiv1204.6472K [ADS](#)
- Crosby, N., Veronig, A., Robbrecht, E., et al., "Forecasting Geomagnetic Storms and Solar Energetic Particle Events: the COMESEP Project", 2012EGUGA..1412544C [ADS](#)
- Bein, B., Temmer, M., Vourlidas, A., & Veronig, A., "CME mass evolution derived from stereoscopic observations of STEREO/SECCHI instruments COR1 and COR2", 2012EGUGA..14.7174B [ADS](#)
- Farrugia, C. J., Harris, B., Leitner, M., et al., "Deep Solar Activity Minimum 2007-2009: Solar Wind Properties and Major Effects on the Terrestrial Magnetosphere", 2012EGUGA..14..6381F [ADS](#)
- Rollett, T., Möstl, C., Temmer, M., et al., "Calculation of CME kinematics and propagation directions by constraining STEREO HI-images with in situ signatures at 1 AU", 2012EGUGA..14.4778R [ADS](#)
- Temmer, M., Vršnak, B., Rollett, T., et al., "CME-CME interaction during the 2010 August 1 events", 2012EGUGA..14.1677T [ADS](#)
- Temmer, M., Vršnak, B., Rollett, T., et al., "Characteristics of Kinematics of a Coronal Mass Ejection during the 2010 August 1 CME-CME Interaction Event", 2012ApJ...749..57T [ADS](#)
- Rollett, T., Möstl, C., Temmer, M., et al., "Constraining the Kinematics of Coronal Mass Ejections in the Inner Heliosphere with In-Situ Signatures", 2012SoPh..276..293R [ADS](#)
- Su, Y., Dennis, B. R., Holman, G. D., et al., "Observations of a Two-stage Solar Eruptive Event (SEE): Evidence for Secondary Heating", 2012ApJ...746L..5S [ADS](#)
- Magdalenić, J., Marqué, C., Zhukov, A. N., Vršnak, B., & Veronig, A., "Flare-generated Type II Burst without Associated Coronal Mass Ejection", 2012ApJ...746..152M [ADS](#)
- Temmer, M., Veronig, A. M., Gopalswamy, N., & Yashiro, S., "Relation Between the 3D-Geometry of the Coronal Wave and Associated CME During the 26 April 2008 Event", in C. Marqué and A. Nindos (Eds.), Energy Storage and Release through the Solar Activity Cycle, 115 2012esrs.book..115T [ADS](#)

- Čalogović, J., Dumbović, M., Novak, N., et al., "Solar H $\alpha$  and white light telescope at Hvar Observatory", 2012CEAB...36...83C [ADS](#)
- Utz, D., Kühner, O., Hanslmeier, A., et al., "Centre to limb intensity variation of magnetic bright points", 2012CEAB...36...17U [ADS](#)
- Joshi, B., Veronig, A., Manoharan, P. K., & Somov, B. V., "Signatures of Magnetic Reconnection in Solar Eruptive Flares: A Multi-wavelength Perspective", 2012ASSP...33...29J [ADS](#)
- Veronig, A. M., Gömöry, P., Kienreich, I. W., et al., "Plasma Diagnostics of an EIT Wave Observed by Hinode/EIS and SDO/AIA", 2011ApJ...743L..10V [ADS](#)
- Joshi, B., Veronig, A. M., Lee, J., et al., "Pre-flare Activity and Magnetic Reconnection during the Evolutionary Stages of Energy Release in a Solar Eruptive Flare", 2011ApJ...743..195J [ADS](#)
- Temmer, M., Rollett, T., Möstl, C., et al., "Influence of the Ambient Solar Wind Flow on the Propagation Behavior of Interplanetary Coronal Mass Ejections", 2011ApJ...743..101T [ADS](#)
- Piana, M., Csillaghy, A., Kontar, E. P., et al., "High Energy Solar Physics Data in Europe (HESPE): a European project for the exploitation of hard X-ray data in solar flare physics", 2011AGUFMSH33B2068P [ADS](#)
- Gressl, C., Veronig, A. M., Temmer, M., & Moestl, C., "Comparison between MHD modeled and *in situ* measured solar wind parameters", 2011AGUFMSH23C1977G [ADS](#)
- Moestl, C., Davies, J. A., Rollett, T., et al., "Elliptical approximation for the fronts of ICMEs and application to STEREO events in August 2010 and February 2011", 2011AGUFMSH23C1971M [ADS](#)
- Rollett, T., Moestl, C., Lugaz, N., Temmer, M., & Veronig, A. M., "Validation of a New Method to Derive Sun-to-1 AU Kinematics of ICMEs with a Numerical Simulation", 2011AGUFMSH23C1970R [ADS](#)
- Temmer, M., Rollett, T., Moestl, C., Veronig, A. M., & Vršnak, B., "Propagation behavior of interplanetary CMEs: driving versus drag force", 2011AGUFMSH23C1968T [ADS](#)
- Temmer, M., Veronig, A. M., Gopalswamy, N., & Yashiro, S., "Relation Between the 3D-Geometry of the Coronal Wave and Associated CME During the 26 April 2008 Event", 2011SoPh..273..421T [ADS](#)
- Möstl, C., Rollett, T., Lugaz, N., et al., "Arrival Time Calculation for Interplanetary Coronal Mass Ejections with Circular Fronts and Application to STEREO Observations of the 2009 February 13 Eruption", 2011ApJ...741...34M [ADS](#)
- Möstl, C., Farrugia, C. J., Harrison, R. A., et al., "Propagation and impact of multiple coronal mass ejections events on August 1 2010 in the heliosphere", 2011sdmi.confE..69M [ADS](#)
- Miklenic, C., Veronig, A. M., Temmer, M., Möstl, C., & Biernat, H. K., "Coronal Dimmings and the Early Phase of a CME Observed with STEREO and Hinode/EIS", 2011SoPh..273..125M [ADS](#)
- Rybák, J., Gömöry, P., Mačura, R., et al., "The LSO/KSO H $\alpha$  prominence catalogue: cross-calibration of data", 2011CoSka..41..133R [ADS](#)
- Muhr, N., Veronig, A. M., Kienreich, I. W., Temmer, M., & Vršnak, B., "Analysis of Characteristic Parameters of Large-scale Coronal Waves Observed by the Solar-Terrestrial Relations Observatory/Extreme Ultraviolet Imager", 2011ApJ...739...89M [ADS](#)
- Hannah, I. G., Hudson, H. S., Battaglia, M., et al., "Microflares and the Statistics of X-ray Flares", 2011SSRv..159..263H [ADS](#)
- Fletcher, L., Dennis, B. R., Hudson, H. S., et al., "An Observational Overview of Solar Flares", 2011SSRv..159..19F [ADS](#)
- Bein, B. M., Berkebile-Stoiser, S., Veronig, A. M., et al., "Impulsive Acceleration of Coronal Mass Ejections. I. Statistics and Coronal Mass Ejection Source Region Characteristics", 2011ApJ...738..191B [ADS](#)
- Verbanac, G., Vršnak, B., Živković, S., et al., "Solar wind high-speed streams and related geomagnetic activity in the declining phase of solar cycle 23", 2011A&A...533A..49V [ADS](#)
- Harra, L. K., Sterling, A. C., Gömöry, P., & Veronig, A., "Spectroscopic Observations of a Coronal Moreton Wave", 2011ApJ...737L...4H [ADS](#)
- Muhr, N., Veronig, A. M., Kienreich, I. W., Temmer, M., & Vršnak, B., "Analysis of characteristic parameters of large-scale coronal waves observed by STEREO/EUVI", 2011arXiv1107.0921M [ADS](#)
- Dumbović, M., Vršnak, B., Žic, T., et al., "The Drag Based Model of ICME Propagation", 2011simi.confR...2D [ADS](#)
- Farrugia, C. J., Berdichevsky, D. B., Möstl, C., et al., "Multiple, distant (40 deg) *in situ* observations of a magnetic cloud and a corotating interaction region complex", 2011JASTP..73.1254F [ADS](#)
- Su, Y., Wang, T., Holman, G. D., Dennis, B. R., & Veronig, A., "Evidence for Magnetic Reconnection in a Flare and CME Observed By RHESSI and SDO/AIA", 2011SPD....42.2222S [ADS](#)
- Kienreich, I. W., Veronig, A. M., Muhr, N., et al., "Case Study of Four Homologous Large-scale Coronal Waves Observed on 2010 April 28 and 29", 2011ApJ...727L..43K [ADS](#)
- Verbanac, G., Vršnak, B., Veronig, A., & Temmer, M., "Equatorial coronal holes, solar wind high-speed streams, and their geoeffectiveness", 2011A&A...526A..20V [ADS](#)
- Hirtenfellner-Polanec, W., Temmer, M., Pötzi, W., et al., "Implementation of a Calcium telescope at Kanzelhöhe Observatory (KSO)", 2011CEAB...35..205H [ADS](#)
- Kühner, O., Utz, D., Hanslmeier, A., et al., "Multiwavelength Investigations of Magnetic Bright Points", 2011CEAB...35..29K [ADS](#)
- Utz, D., Hanslmeier, A., Veronig, A., et al., "Magnetic energy estimation for small scale magnetic fields", 2011CEAB...35..19U [ADS](#)
- Möstl, C., Temmer, M., Rollett, T., et al., "STEREO and Wind observations of a fast ICME flank triggering a prolonged geomagnetic storm on 5-7 April 2010", 2010GeoRL..3724103M [ADS](#)
- Innocenti, M., Lapenta, G., Vršnak, B., et al., "Application of data assimilation to solar wind forecasting models", 2010AGUFMSM54A..08I [ADS](#)
- Farrugia, C. J., Berdichevsky, D. B., Moestl, C., et al., "Multiple, Distant (40 deg) *in situ* Observations of a Magnetic Cloud and a Corotating Interaction Region Complex", 2010AGUFMSH51C1689F [ADS](#)
- Moestl, C., Temmer, M., Rollett, T., et al., "The CME/ICME relationship for the 3-5 April 2010 and Aug 1-4 2010 events", 2010AGUFMSH43C..07M [ADS](#)
- Rollett, T., Moestl, C., Temmer, M., et al., "Propagation Directions and Kinematics of STEREO CME/ICMEs Events", 2010AGUFMSH41A1775R [ADS](#)
- Balasubramanian, K. S., Cliver, E. W., Pevtsov, A., et al., "On the Origin of the Solar Moreton Wave of 2006 December 6", 2010ApJ...723..587B [ADS](#)
- Miklenic, C. H., Veronig, A. M., Vršnak, B., & Bárta, M., "Observations of Chromospheric Flare Re-brightenings", 2010ApJ...719..1750M [ADS](#)
- Veronig, A. M., Rybák, J., Gömöry, P., et al., "Multiwavelength Imaging and Spectroscopy of Chromospheric Evaporation in an M-class Solar Flare", 2010ApJ...719..655V [ADS](#)
- Veronig, A. M., Muhr, N., Kienreich, I. W., Temmer, M., & Vršnak, B., "First Observations of a Dome-shaped Large-scale Coronal Extreme-ultraviolet Wave", 2010ApJ...716L..57V [ADS](#)
- Aurass, H., Rausche, G., Berkebile-Stoiser, S., & Veronig, A., "A microflare with hard X-ray-correlated gyroresonance line emission at 314 MHz", 2010A&A...515A..1A [ADS](#)
- Rollett, T., Möstl, C., Temmer, M., Veronig, A., & Biernat, H. K., "Calculating the propagation direction of coronal mass ejections by connecting *in situ* observations with heliospheric images", 2010EGUGA..12.3468R [ADS](#)
- Temmer, M., Veronig, A. M., Kontar, E. P., Krucker, S., & Vršnak, B., "Combined STEREO/RHESSI Study of Coronal Mass Ejection Acceleration and Particle Acceleration in Solar Flares", 2010ApJ...712..1410T [ADS](#)
- Utz, D., Hanslmeier, A., Müller, R., et al., "Dynamics of isolated magnetic bright points derived from Hinode/SOT G-band observations", 2010A&A...511A..39U [ADS](#)
- Bein, B., Veronig, A., Berkebile-Stoiser, S., & Temmer, M., "Relation between the dynamics of coronal mass ejections and solar flare energetics derived from STEREO and RHESSI observations", 2010cosp...38.3019B [ADS](#)
- Joshi, B., Veronig, A., Somov, B., & Manoharan, P. K., "Evolution of X-ray sources and magnetic reconnection in solar eruptive flares", 2010cosp...38.2968J [ADS](#)
- Kühner, O., Veronig, A., Utz, D., et al., "Brightness profiles and size distributions of MBPs observed in different heights by HINODE/SOT data", 2010cosp...38.2948K [ADS](#)
- Utz, D., Veronig, A., Hanslmeier, A., Müller, R., & Muthsam, H., "Magnetic field strength distribution of MBPs inferred from Hinode/SOT filtergram and spectro-polarimetric data", 2010cosp...38.2944U [ADS](#)
- Farrugia, C., Harris, B., Leitner, M. M., et al., "Evolution of solar wind energy densities during solar minimum 2007-2009, and features of its effects on the Earth's magnetopause and magnetosheath", 2010cosp...38.1898F [ADS](#)
- Rollett, T., Moestl, C., Temmer, M., Veronig, A., & Biernat, H. K., "Calculation of CME kinematics and propagation directions by connecting STEREO HI-images with *in situ* data", 2010cosp...38.1894R [ADS](#)
- Rotter, M. T., Veronig, A., & Temmer, M., "Automated detection of coronal hole areas", 2010cosp...38.1890R [ADS](#)
- Moestl, C., Rollett, T., Temmer, M., et al., "Direction and orientation of CME/ICME events observed by STEREO", 2010cosp...38.1881M [ADS](#)
- Muhr, M. N., Vršnak, B., Temmer, M., Veronig, A., & Magdalenic, J., "Study of the kinematics and driver of the global Moreton wave observed on 2003 October 28", 2010cosp...38.1844M [ADS](#)
- Inés Kienreich, M., Veronig, A., & Temmer, M., "STEREO quadrature observations of the large-scale EUV wave of Feb 13th, 2009", 2010cosp...38.1841I [ADS](#)
- Magdalenic, J., Marque, C., Zhukov, A., Veronig, A., & Vršnak, B., "Flare-generated coronal shock on 14 November 2005", 2010cosp...38.1798M [ADS](#)
- Veronig, A., "New insights into large-scale coronal waves with EUVI/STEREO", 2010cosp...38.1790V [ADS](#)
- Kuehner, O., Utz, D., Hanslmeier, A., et al., "Multiwavelength alignment of Hinode/SOT Data", 2010CEAB...34..31K [ADS](#)
- Utz, D., Hanslmeier, A., Veronig, A., et al., "G-band to Blue-Continuum Excess as quasi total field strength magnetogram", 2010CEAB...34..13U [ADS](#)

- Muhr, N., Vršnak, B., Temmer, M., Veronig, A. M., & Magdalenić, J., “Analysis of a Global Moreton Wave Observed on 2003 October 28”, [2010ApJ...708.1639M](#) [ADS](#)
- Joshi, B., Veronig, A., Cho, K. S., et al., “Magnetic Reconnection During the Two-phase Evolution of a Solar Eruptive Flare”, [2009ApJ...706.1438J](#) [ADS](#)
- Möstl, C., Farrugia, C. J., Temmer, M., et al., “Linking remote imagery of two coronal mass ejections to their in situ signatures at 1 AU”, [2009AGUFMSH4IA1629M](#) [ADS](#)
- Möstl, C., Farrugia, C. J., Temmer, M., et al., “Linking Remote Imagery of a Coronal Mass Ejection to Its In Situ Signatures at 1 AU”, [2009ApJ...705L.180M](#) [ADS](#)
- Kienreich, I. W., Temmer, M., & Veronig, A. M., “STEREO Quadrature Observations of the Three-Dimensional Structure and Driver of a Global Coronal Wave”, [2009ApJ...703L.118K](#) [ADS](#)
- Berkebile-Stoiser, S., Gömöry, P., Veronig, A. M., Rybák, J., & Süttelin, P., “Multi-wavelength fine structure and mass flows in solar microflares”, [2009A&A...505..811B](#) [ADS](#)
- Temmer, M., Vršnak, B., Žic, T., & Veronig, A. M., “Analytic Modeling of the Moreton Wave Kinematics”, [2009ApJ...702.1343T](#) [ADS](#)
- Miklenic, C. H., Veronig, A. M., & Vršnak, B., “Temporal comparison of nonthermal flare emission and magnetic-flux change rates”, [2009A&A...499..893M](#) [ADS](#)
- Temmer, M., Preiss, S., & Veronig, A. M., “CME Projection Effects Studied with STEREO/COR and SOHO/LASCO”, [2009SoPh..256..183T](#) [ADS](#)
- Möstl, C., Farrugia, C. J., Miklenic, C., et al., “Multispacecraft recovery of a magnetic cloud and its origin from magnetic reconnection on the Sun”, [2009JGRA..114.4102M](#) [ADS](#)
- Möstl, C., Farrugia, C. J., Miklenic, C., et al., “Multi-spacecraft STEREO observations of magnetic clouds”, [2009EGUGA..11.4987M](#) [ADS](#)
- Utz, D., Hanslmeier, A., Möstl, C., et al., “The size distribution of magnetic bright points derived from Hinode/SOT observations”, [2009A&A...498..289U](#) [ADS](#)
- Čalogović, J., Vršnak, B., Temmer, M., & Veronig, A. M., “Cosmic ray modulation by corotating interaction regions”, [2009IAUS..257..425C](#) [ADS](#)
- Miklenic, C., Veronig, A., & Vršnak, B., “Magnetic Flux Change Rates and Nonthermal Flare Emission”, [2009CEAB...33..197M](#) [ADS](#)
- Bein, B., Veronig, A., Rybák, J., et al., “Multi-wavelength Observations of Microflares Near an Active Region”, [2009CEAB...33..179B](#) [ADS](#)
- Berkebile-Stoiser, S., Gömöry, P., Veronig, A., & Rybák, J., “Observations of Chromospheric Evaporation Flows in RHESSI Microflares”, [2009CEAB...33..169B](#) [ADS](#)
- Aurass, H., Rausche, G., Hofmann, A., Berkebile-Stoiser, S., & Veronig, A., “Radio Bursts and Magnetic Field Structure During Microflares”, [2009CEAB...33..159A](#) [ADS](#)
- Leitner, P., Hanslmeier, A., Muthsam, H. J., et al., “Structure Analysis of a Model Solar Photosphere”, [2009CEAB...33..69L](#) [ADS](#)
- Utz, D., Hanslmeier, A., Müller, R., et al., “Discretization Effects on the Size Distribution of Magnetic Bright Points”, [2009CEAB...33..29U](#) [ADS](#)
- Möstl, C., Farrugia, C. J., Miklenic, C., et al., “Multispacecraft Recovery of a Magnetic Cloud and its Origin From Magnetic Reconnection on the Sun”, [2008AGUFMSH23B1634M](#) [ADS](#)
- Lei, J., Thayer, J. P., Forbes, J. M., et al., “Global thermospheric density variations caused by high-speed solar wind streams during the declining phase of solar cycle 23”, [2008JGRA..11311303L](#) [ADS](#)
- Möstl, C., Miklenic, C., Farrugia, C. J., et al., “Two-spacecraft reconstruction of a magnetic cloud and comparison to its solar source”, [2008AnGeo..26.3139M](#) [ADS](#)
- Veronig, A., Temmer, M., & Vrsnak, B., “Large-scale Coronal Waves Observed with EUVI/STEREO”, [2008ESPM...12.2.97V](#) [ADS](#)
- Temmer, M., Veronig, A. M., & Vrsnak, B., “Relation between CME Schmieder-Acceleration Profile and Flare Energy Release derived from Combined STEREO and RHESSI Observations”, [2008ESPM...12.2.96T](#) [ADS](#)
- Stoiser, S., Brown, J. C., & Veronig, A. M., “RHESSI Microflares: II. Implications for Loop Structure and Evolution”, [2008SoPh..250..315S](#) [ADS](#)
- Veronig, A. M., Temmer, M., & Vršnak, B., “High-Cadence Observations of a Global Coronal Wave by STEREO EUVI”, [2008ApJ...681L.113V](#) [ADS](#)
- Veronig, A., Temmer, M., & Vrsnak, B., “Large-scale coronal waves observed with STEREO/EUVI”, [2008cosp...37.3328V](#) [ADS](#)
- Temmer, M., Preiss, S., Veronig, A., & Vrsnak, B., “Projection effects in coronal mass ejections studied with STEREO and SoHO”, [2008cosp...37.3168T](#) [ADS](#)
- Temmer, M., Veronig, A., & Vrsnak, B., “Synchronization between the CME acceleration and the energy release in the associated flare”, [2008cosp...37.3167T](#) [ADS](#)
- Culhane, J. L., Bone, L., Hara, H., et al., “Flare and Erupting Filament of 19th May, 2007 - Sources of a Magnetic Cloud Observed by Stereo”, [2008cosp...37..609C](#) [ADS](#)
- Christiane, M., Möstl, C., Temmer, M., et al., “On the relation between in situ observations of a magnetic cloud and its solar source”, [2008cosp...37..543C](#) [ADS](#)
- Muhr, M., Temmer, M., Veronig, A., Vršnak, B., & Hanslmeier, A., “Analysis of a Moreton Wave Associated with the X17.2/4B Flare/CME of 28-10-2003”, [2008CEAB...32..79M](#) [ADS](#)
- Temmer, M., Veronig, A. M., Vršnak, B., et al., “Acceleration in Fast Halo CMEs and Synchronized Flare HXR Bursts”, [2008ApJ...673L..95T](#) [ADS](#)
- Stoiser, S., Veronig, A. M., Aurass, H., & Hanslmeier, A., “RHESSI Microflares: I. X-Ray Properties and Multiwavelength Characteristics”, [2007SoPh..246..339S](#) [ADS](#)
- Culhane, J. L., Bone, L., Williams, D. R., et al., “Study of Two Long Duration Eruptive Flares with the Hinode and RHESSI Spacecraft”, [2007AGUFMSH52C..05C](#) [ADS](#)
- Möstl, C., Miklenic, C., Farrugia, C., et al., “Two-spacecraft Reconstruction of a Magnetic Cloud and Comparison to its Solar Source”, [2007AGUFMSH32A0781M](#) [ADS](#)
- Vršnak, B., Veronig, A. M., Thalmann, J. K., & Žic, T., “Large amplitude oscillatory motion along a solar filament”, [2007A&A...471..295V](#) [ADS](#)
- Joshi, B., Manoharan, P. K., Veronig, A. M., Pant, P., & Pandey, K., “Multi-Wavelength Signatures of Magnetic Reconnection of a Flare-Associated Coronal Mass Ejection”, [2007SoPh..242..143J](#) [ADS](#)
- Temmer, M., Vršnak, B., & Veronig, A. M., “Periodic Appearance of Coronal Holes and the Related Variation of Solar Wind Parameters”, [2007SoPh..241..371T](#) [ADS](#)
- Bone, L., Brown, J. C., Fletcher, L., Veronig, A., & White, S., “Birth and evolution of a dense coronal loop in a complex flare region”, [2007A&A...466..339B](#) [ADS](#)
- Marićić, D., Vršnak, B., Stanger, A. L., et al., “Acceleration Phase of Coronal Mass Ejections: II. Synchronization of the Energy Release in the Associated Flare”, [2007SoPh..241..99M](#) [ADS](#)
- Vršnak, B., Marićić, D., Stanger, A. L., et al., “Acceleration Phase of Coronal Mass Ejections: I. Temporal and Spatial Scales”, [2007SoPh..241..85V](#) [ADS](#)
- Vršnak, B., Temmer, M., & Veronig, A. M., “Coronal Holes and Solar Wind High-Speed Streams: II. Forecasting the Geomagnetic Effects”, [2007SoPh..240..331V](#) [ADS](#)
- Vršnak, B., Temmer, M., & Veronig, A. M., “Coronal Holes and Solar Wind High-Speed Streams: I. Forecasting the Solar Wind Parameters”, [2007SoPh..240..315V](#) [ADS](#)
- Brown, J. C., Kontar, E. P., & Veronig, A. M., “RHESSI Results Time for a Rethink?”, in K.-L. Klein and A. L. MacKinnon (Eds.), Lecture Notes in Physics, Berlin Springer Verlag, Vol. 725, 65 [2007LNP...725..65B](#) [ADS](#)
- Thalmann, J. K., Veronig, A. M., Temmer, M., Vršnak, B., & Hanslmeier, A., “Analysis of the Flare Wave Associated with the 3B/X3.8 Flare of January 17, 2005”, [2007CEAB...31..187T](#) [ADS](#)
- Temmer, M., Vršnak, B., Veronig, A., & Miklenic, M., “Spatial Restriction to HXR Footpoint Locations by Reconnection Site Geometries”, [2007CEAB...31..49T](#) [ADS](#)
- Miklenic, C. H., Veronig, A. M., Vršnak, B., & Hanslmeier, A., “Observational Characteristics of Magnetic Reconnection in a Two-Ribbon Flare”, [2007CEAB...31..39M](#) [ADS](#)
- Temmer, M., Veronig, A. M., Vršnak, B., & Miklenic, C., “Energy Release Rates along Hα Flare Ribbons and the Location of Hard X-Ray Sources”, [2007ApJ...654..665T](#) [ADS](#)
- Miklenic, C. H., Veronig, A. M., Vršnak, B., & Hanslmeier, A., “Reconnection and energy release rates in a two-ribbon flare”, [2007A&A...461..697M](#) [ADS](#)
- Joshi, B., Manoharan, P. K., Veronig, A. M., Pant, P., & Pandey, K., “Multi-wavelength Analysis of an X2.7 Flare on 3 November 2003 from Active Region NOAA 10488”, [2006SunGe...1b..17J](#) [ADS](#)
- Veronig, A. M., Temmer, M., Vršnak, B., & Thalmann, J. K., “Interaction of a Moreton/EIT Wave and a Coronal Hole”, [2006ApJ...647.1466V](#) [ADS](#)
- Kucera, A., Wöhrl, H., Rybák, J., Gömöry, P., & Veronig, A., “Multi-Wavelength Observations with High Resolution of a M5.4 Flare from Ground and Space”, [2006ESASP.617E..68K](#) [ADS](#)
- Stoiser, S., Brown, J. C., & Veronig, A. M., “The Neupert Effect in Filamented versus Monolithic Solar Flare Loop Structures”, [2006SPD....37.1304S](#) [ADS](#)
- Miklenic, C. H., Veronig, A. M., & Vrsnak, B., “Reconnection and Energy Release Rates in a Two-Ribbon Flare”, [2006SPD....37.0801M](#) [ADS](#)
- Vršnak, B., Temmer, M., Veronig, A., Karlický, M., & Lin, J., “Shrinking and Cooling of Flare Loops in a Two-Ribbon Flare”, [2006SoPh..234..273V](#) [ADS](#)
- Vršnak, B., Warmuth, A., Temmer, M., et al., “Multi-wavelength study of coronal waves associated with the CME-flare event of 3 November 2003”, [2006A&A...448..739V](#) [ADS](#)

- Temmer, M., Rybák, J., Bendík, P., et al., "Hemispheric sunspot numbers  $R_n$  and  $R_s$  from 1945-2004: catalogue and N-S asymmetry analysis for solar cycles 18-23", 2006A&A...447..735T [ADS](#)
- Veronig, A. M., Karlický, M., Vršnak, B., et al., "X-ray sources and magnetic reconnection in the X3.9 flare of 2003 November 3", 2006A&A...446..675V [ADS](#)
- Karlický, M., Veronig, A., & Vršnak, B., "Model of Motion of the X-Ray Loop-Top Source at the Beginning of Cusp-Type Flares", 2006CEAB...30...85K [ADS](#)
- Biernat, H. K., Semenov, V. S., Penz, T., et al., "Theoretical and Observational Features of Magnetic Reconnection", 2006CEAB...30...75B [ADS](#)
- Temmer, M., Rybák, J., Bendík, P., et al., "Hemispheric Sunspot Numbers 1945-2004: data merging from two observatories", 2006CEAB...30...65T [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., Brajša, R., & Hanslmeier, A., "Periodical patterns in major flare occurrence and their relation to magnetically complex active regions", 2006AdSpR..38..886T [ADS](#)
- Temmer, M., Veronig, A., Vršnak, B., Thalmann, J., & Hanslmeier, A., "Wave Phenomena Associated with the X3.8 Flare/cme of 17-JAN-2005", 2005ESASP.600E.144T [ADS](#)
- Stoiser, S., Veronig, A. M., Brown, J. C., McTiernan, J. M., & Hanslmeier, A., "Analysis of Selected RHESSI Microflares", 2005ESASP.600E.142S [ADS](#)
- Temmer, M., Rybák, J., Veronig, A., et al., "Hemispheric Sunspot Numbers RN and RS from 1945-2004: Extended and Improved Catalogue", 2005ESASP.600E..52T [ADS](#)
- Veronig, A. M., Vršnak, B., Karlický, M., et al., "X-Ray Sources and Magnetic Reconnection in AN X-Class Flare", 2005ESASP.600E..32V [ADS](#)
- Temmer, M., Rybák, J., Bendík, P., et al., "VizieR Online Data Catalog: Hemispheric Sunspot Numbers 1945-2004 (Temmer+, 2006)", 2005yCat..34470735T [ADS](#)
- Vršnak, B., Magdalenic, J., Temmer, M., et al., "Broadband Metric-Range Radio Emission Associated with a Moreton/EIT Wave", 2005ApJ...625L..67V [ADS](#)
- Temmer, M., Rybák, J., Veronig, A., & Hanslmeier, A., "What causes the 24-day period observed in solar flares?", 2005A&A...433..707T [ADS](#)
- Veronig, A. M., Brown, J. C., Dennis, B. R., et al., "Physics of the Neupert Effect: Estimates of the Effects of Source Energy, Mass Transport, and Geometry Using RHESSI and GOES Data", 2005ApJ...621..482V [ADS](#)
- Veronig, A., Vršnak, B., Karlický, M., et al., "Loop-Top Altitude Decrease in an X-Class Flare", 2005HvaOB..29..127V [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "On the Relation Between the Coronal Free Energy and Solar Flare Occurrence", 2005HvaOB..29..109T [ADS](#)
- Veronig, A. M., Brown, J. C., & Bone, L., "Evidence for a solar coronal thick-target hard X-ray source observed by RHESSI", 2005AdSpR..35.1683V [ADS](#)
- Veronig, A. M., Brown, J. C., Dennis, B. R., et al., "Testing the Neupert Effect", 2005ASSL..320..263V [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "On the 24- and 155-Day Periodicity Observed in Solar H $\alpha$  Flares", 2005ASSL..320..211T [ADS](#)
- , "Solar Magnetic Phenomena", 2005ASSL..320....H [ADS](#)
- Vršnak, B., Marićić, D., Stanger, A. L., & Veronig, A., "Coronal Mass Ejection of 15 May 2001: II. Coupling of the Cme Acceleration and the Flare Energy Release", 2004SoPh..225..355V [ADS](#)
- Marićić, D., Vršnak, B., Stanger, A. L., & Veronig, A., "Coronal Mass Ejection of 15 May 2001: I. Evolution of Morphological Features of the Eruption", 2004SoPh..225..337M [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., Brajša, R., & Hanslmeier, A., "On the 24-day period observed in solar flare occurrence", 2004SoPh..221..325T [ADS](#)
- Veronig, A. M. & Brown, J. C., "A Coronal Thick-Target Interpretation of Two Hard X-Ray Loop Events", 2004ApJ...603L.117V [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., Brajša, R., & Hanslmeier, A., "Periodical patterns in major flare occurrence and their relation to magnetically complex active regions", 2004cosp...35.1395T [ADS](#)
- Veronig, A. & Brown, J., "RHESSI discovery of solar coronal thick target hard X-ray sources", 2004cosp...35.1393V [ADS](#)
- Veronig, A. M., Temmer, M., & Hanslmeier, A., "The solar soft X-ray background flux and its relation to flare occurrence", 2004SoPh..219..125V [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., Brajša, R., & Hanslmeier, A., "Importance of magnetically complex active regions on solar flare occurrence", 2004HvaOB..28..95T [ADS](#)
- Rybák, J., Bendík, P., Temmer, M., Veronig, A., & Hanslmeier, A., "Merging two data sets of hemispheric Sunspot Numbers", 2004HvaOB..28..63R [ADS](#)
- Veronig, A., Temmer, M., & Hanslmeier, A., "Solar cycle variations of the soft X-ray background flux and its relation to flare occurrence", 2003ESASP.535..259V [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., & Hanslmeier, A., "On rotational patterns of the solar magnetic field", 2003ESASP.535..157T [ADS](#)
- Mészárosová, H., Veronig, A., Zlobec, P., & Karlický, M., "Analysis of solar narrow band dm-spikes observed at 1420 and 2695 MHz", 2003A&A...407..1115M [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "Does solar flare activity lag behind sunspot activity?", 2003SoPh..215..111T [ADS](#)
- Veronig, A., "Solar flares: the Neupert effect, the chromospheric evaporation model and coronal heating", 20030obs...123..58V [ADS](#)
- Magdalénic, J., Zlobec, P., Vršnak, B., et al., "Analysis of periodical fine structures in type IV solar radio bursts", 2003HvaOB..27..131M [ADS](#)
- Zlobec, P., Mészárosová, H., Veronig, A., Karlický, M., & Magdalénic, J., "Time profile, duration and polarization of high frequency spikes", 2003HvaOB..27..115Z [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., & Hanslmeier, A., "Rotational modulation of northern and southern activity tracers", 2003HvaOB..27..59T [ADS](#)
- Veronig, A., "The Neupert Effect", 2003HvaOB..27..47V [ADS](#)
- Dennis, B. R., Veronig, A., Schwartz, R. A., et al., "The neupert effect and new RHESSI measures of the total energy in electrons accelerated in solar flares", 2003AdSpR..32.2459D [ADS](#)
- Temmer, M., Veronig, A., Rybák, J., & Hanslmeier, A., "Cycle dependence of hemispheric activity", 2002ESASP.506..859T [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "Catalogue of hemispheric sunspot numbers  $R_N$  and  $R_S$ : 1975 - 2000", 2002ESASP.506..855T [ADS](#)
- Veronig, A., Vršnak, B., Dennis, B. R., et al., "The Neupert effect and the electron-beam-driven evaporation model", 2002ESASP.506..367V [ADS](#)
- Mészárosová, H., Veronig, A., Zlobec, P., & Karlický, M., "Statistical analysis of high-frequency narrowband dm-spikes", 2002ESASP.506..347M [ADS](#)
- Veronig, A., Vršnak, B., Dennis, B. R., et al., "The Neupert effect in solar flares and implications for coronal heating", 2002ESASP.505..599V [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "Hemispheric asymmetry of solar activity phenomena: north-south excesses rotational periods and their links to the magnetic field", 2002ESASP.505..587T [ADS](#)
- Veronig, A., Vršnak, B., Dennis, B. R., et al., "Investigation of the Neupert effect in solar flares. I. Statistical properties and the evaporation model", 2002A&A...392..699V [ADS](#)
- Veronig, A., Vršnak, B., Temmer, M., & Hanslmeier, A., "Relative timing of solar flares observed at different wavelengths", 2002SoPh..208..297V [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "Hemispheric Sunspot Numbers  $R_n$  and  $R_s$ : Catalogue and N-S asymmetry analysis", 2002A&A...390..707T [ADS](#)
- Temmer, M., Veronig, A., & Hanslmeier, A., "VizieR Online Data Catalog: Hemispheric Sunspot Numbers 1975-2000 (Temmer+, 2002)", 2002yCat..33900707T [ADS](#)
- Hanslmeier, A., Messerotti, M., & Veronig, A., "Book Review: The Dynamic Sun / Kluwer, 2001", 20020bs...122..115H [ADS](#)
- Veronig, A., Temmer, M., Hanslmeier, A., et al., "Temporal characteristics of solar soft X-ray and H $\alpha$  flares", 2002ESASP.477..187V [ADS](#)
- Temmer, M., Veronig, A., Hanslmeier, A., Otruba, W., & Messerotti, M., "Soft X-ray flares for the period 1975-2000", 2002ESASP.477..175T [ADS](#)
- Veronig, A., Temmer, M., Hanslmeier, A., Otruba, W., & Messerotti, M., "Temporal aspects and frequency distributions of solar soft X-ray flares", 2002A&A...382.1070V [ADS](#)
- Dennis, B. & Veronig, A., "The energetic importance of accelerated electrons in solar flares", 2002cosp...34E1104D [ADS](#)
- Veronig, A., Temmer, M., & Hanslmeier, A., "Frequency Distributions of solar Flares", 2002HvaOB..26..7V [ADS](#)
- Temmer, M., Veronig, A., Hanslmeier, A., Otruba, W., & Messerotti, M., "Statistical analysis of solar H $\alpha$  flares", 2001A&A...375.1049T [ADS](#)
- Veronig, A., Hanslmeier, A., & Messerotti, M., "Comparison of Local and Global Fractal Dimension Determination Methods", 2001ASSL..259..315V [ADS](#)
- Steinagger, M., Veronig, A., Hanslmeier, A., Messerotti, M., & Otruba, W., "Solar Activity Monitoring and Flare Alerting at Kanzelhöhe Solar Observatory", 2001ASSL..259..227S [ADS](#)
- , "The Dynamic Sun", 2001ASSL..259....H [ADS](#)
- Messerotti, M., Zlobec, P., Veronig, A., & Hanslmeier, A., "Radio Pulsations in the m-dm Band: Case Studies", 2001pre5.conf..471M [ADS](#)
- Veronig, A., Vršnak, B., Temmer, M., Magdalénic, J., & Hanslmeier, A., "Statistical Study of Solar Flares Observed in Soft X-Ray, Hard X-Ray and H $\alpha$  Emission", 2001HvaOB..25..39V [ADS](#)
- Steinagger, M., Veronig, A., Hanslmeier, A., Messerotti, M., & Otruba, W., "A Neural Network Approach to Solar Flare Alerting (CD-ROM Directory: contribs/steinegg)", 2001ASPC..223.1165S [ADS](#)
- Mészárosová, H., Karlický, M., Veronig, A., Zlobec, P., & Messerotti, M., "Linear and nonlinear statistical analysis of narrow-band dm-spikes observed during the June 15, 1991 flare", 2000A&A...360.1126M [ADS](#)

- Veronig, A., Messerotti, M., & Hanslmeier, A., “*Determination of fractal dimensions of solar radio bursts*”, 2000A&A...357..337V [ADS](#)
- Veronig, A., Messerotti, M., & Hanslmeier, A., “*Applications of nonlinear time series analysis in solar physics*”, 2000swms.work...41V [ADS](#)
- Veronig, A., Steinegger, M., Otruba, W., et al., “*Automatic Image Processing in the Frame of a Solar Flare Alerting System*”, 2000HvaOB..24..195V [ADS](#)
- Temmer, M., Veronig, A., Hanslmeier, A., et al., “*Statistical Properties Relevant to Solar Flare Prediction*”, 2000HvaOB..24..185T [ADS](#)
- Veronig, A., Steinegger, M., Otruba, W., et al., “*Automatic Image Segmentation and Feature Detection in Solar Full-Disk Images*”, 2000ESASP.463..455V [ADS](#)
- Meszarosova, H., Karlický, M., Veronig, A., Zlobec, P., & Messerotti, M., “*Power-law and Exponential Distributions of Narrowband dm-Spikes Observed During the June 15, 1991 Flare*”, 1999ESASP.448.1025M [ADS](#)
- Veronig, A., Hanslmeier, A., & Messerotti, M., “*Localized Measures of Solar Radio Bursts*”, 1999ASSL..239..255V [ADS](#)
- Veronig, A., Messerotti, M., & Hanslmeier, A., “*Determining fractal dimensions of solar radio bursts*”, 1998joso.proc..166V [ADS](#)
- Veronig, A., Messerotti, M., Hanslmeier, A., & Rucker, H. O., “*Determination of Local Pointwise Dimensions for Solar Radio Bursts*”, 1998cee..workE..66V [ADS](#)
- Messerotti, M. & Veronig, A., “*The architecture of the New JOSO WWW Server*”, 1998ASPC..155..287M [ADS](#)
- Cacciani, A., Comari, M., Furlani, S., et al., “*A MOF-based full vector imaging magnetograph*”, 1998ASPC..155..265C [ADS](#)
- Cacciani, A., di Martino, V., Hanslmeier, A., et al., “*Case studies of magnetic topology evolution in active regions*”, 1998ASPC..155..229C [ADS](#)
- Veronig, A., Messerotti, M., & Hanslmeier, A., “*Nonlinear Analysis of Solar Radio Events: A Preliminary Approach*”, 1997pre4.conf..463V [ADS](#)
- Veronig, A., Messerotti, M., & Hanslmeier, A., “*Non-linear analysis of the dynamics of solar radio events.*”, 1996AGAb...12..165V [ADS](#)