

# E P Kontar

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

197  
papers

5,432  
citations

42  
h-index

62  
g-index

210  
ext. papers

6,141  
ext. citations

4.4  
avg, IF

6.07  
L-index

#	Paper	IF	Citations
197	Spectral Analysis of Solar Radio Type III Bursts from 20 kHz to 410 MHz. <i>Astrophysical Journal</i> , <b>2022</b> , 924, 58	4.7	0
196	Sizes and Shapes of Sources in Solar Metric Radio Bursts. <i>Astrophysical Journal</i> , <b>2022</b> , 925, 140	4.7	0
195	Parametric Simulation Studies on the Wave Propagation of Solar Radio Emission: The Source Size, Duration, and Position. <i>Astrophysical Journal</i> , <b>2021</b> , 909, 195	4.7	2
194	Fine structure of type III solar radio bursts from Langmuir wave motion in turbulent plasma. <i>Nature Astronomy</i> , <b>2021</b> , 5, 796-804	12.1	2
193	Energy Budget of Plasma Motions, Heating, and Electron Acceleration in a Three-loop Solar Flare. <i>Astrophysical Journal</i> , <b>2021</b> , 913, 97	4.7	1
192	Electron Acceleration during Macroscale Magnetic Reconnection. <i>Physical Review Letters</i> , <b>2021</b> , 126, 135101	7.4	24
191	First Frequency-time-resolved Imaging Spectroscopy Observations of Solar Radio Spikes. <i>Astrophysical Journal Letters</i> , <b>2021</b> , 917, L32	7.9	0
190	The Spatial and Temporal Variations of Turbulence in a Solar Flare. <i>Astrophysical Journal</i> , <b>2021</b> , 923, 40	4.7	0
189	First Observation of a Type II Solar Radio Burst Transitioning between a Stationary and Drifting State. <i>Astrophysical Journal</i> , <b>2020</b> , 893, 115	4.7	10
188	Particle acceleration with anomalous pitch angle scattering in 3D separator reconnection. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 635, A63	5.1	2
187	Spatiotemporal Energy Partitioning in a Nonthermally Dominated Two-loop Solar Flare. <i>Astrophysical Journal</i> , <b>2020</b> , 890, 75	4.7	5
186	Density Fluctuations in the Solar Wind Based on Type III Radio Bursts Observed by Parker Solar Probe. <i>Astrophysical Journal, Supplement Series</i> , <b>2020</b> , 246, 57	8	23
185	Radio Echo in the Turbulent Corona and Simulations of Solar Drift-pair Radio Bursts. <i>Astrophysical Journal</i> , <b>2020</b> , 898, 94	4.7	4
184	Forward Modeling of Particle Acceleration and Transport in an Individual Solar Flare. <i>Astrophysical Journal</i> , <b>2020</b> , 902, 147	4.7	2
183	Subsecond Time Evolution of Type III Solar Radio Burst Sources at Fundamental and Harmonic Frequencies. <i>Astrophysical Journal</i> , <b>2020</b> , 905, 43	4.7	4
182	The Solar Orbiter Radio and Plasma Waves (RPW) instrument. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A12	5.1	39
181	The Solar Orbiter Science Activity Plan. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A3	5.1	30

180	Probing solar flare accelerated electron distributions with prospective X-ray polarimetry missions. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A79	5.1	1
179	The Energetic Particle Detector. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 642, A7	5.1	45
178	Solar physics with the Square Kilometre Array. <i>Advances in Space Research</i> , <b>2019</b> , 63, 1404-1424	2.4	13
177	Frequency-Distance Structure of Solar Radio Sources Observed by LOFAR. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 48	4.7	14
176	Electron Distribution and Energy Release in Magnetic Reconnection Outflow Regions during the Pre-impulsive Phase of a Solar Flare. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 204	4.7	6
175	Determination of the Total Accelerated Electron Rate and Power Using Solar Flare Hard X-Ray Spectra. <i>Astrophysical Journal</i> , <b>2019</b> , 871, 225	4.7	19
174	A Fokker-Planck Framework for Studying the Diffusion of Radio Burst Waves in the Solar Corona. <i>Astrophysical Journal</i> , <b>2019</b> , 873, 33	4.7	7
173	Coronal Loop Scaling Laws for Various Forms of Parallel Heat Conduction. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 80	4.7	7
172	The Role of Energy Diffusion in the Deposition of Energetic Electron Energy in Solar and Stellar Flares. <i>Astrophysical Journal</i> , <b>2019</b> , 880, 136	4.7	7
171	Global Energetics of Solar Flares. VIII. The Low-energy Cutoff. <i>Astrophysical Journal</i> , <b>2019</b> , 881, 1	4.7	8
170	On the Source Position and Duration of a Solar Type III Radio Burst Observed by LOFAR. <i>Astrophysical Journal</i> , <b>2019</b> , 885, 140	4.7	9
169	First imaging spectroscopy observations of solar drift pair bursts. <i>Astronomy and Astrophysics</i> , <b>2019</b> , 631, L7	5.1	5
168	Global Energetics of Solar Flares and Coronal Mass Ejections. <i>Journal of Physics: Conference Series</i> , <b>2019</b> , 1332, 012002	0.3	3
167	Anisotropic Radio-wave Scattering and the Interpretation of Solar Radio Emission Observations. <i>Astrophysical Journal</i> , <b>2019</b> , 884, 122	4.7	29
166	Interplanetary Type III Bursts and Electron Density Fluctuations in the Solar Wind. <i>Astrophysical Journal</i> , <b>2018</b> , 857, 82	4.7	27
165	Heating and Cooling of Coronal Loops with Turbulent Suppression of Parallel Heat Conduction. <i>Astrophysical Journal</i> , <b>2018</b> , 852,	4.7	11
164	Fine Structures of Solar Radio Type III Bursts and Their Possible Relationship with Coronal Density Turbulence. <i>Astrophysical Journal</i> , <b>2018</b> , 856, 73	4.7	17
163	Shock location and CME 3D reconstruction of a solar type II radio burst with LOFAR. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 615, A89	5.1	41

162	Energy Deposition by Energetic Electrons in a Diffusive Collisional Transport Model. <i>Astrophysical Journal</i> , <b>2018</b> , 862,	4.7	5
161	LOFAR Observations of Fine Spectral Structure Dynamics in Type IIIb Radio Bursts. <i>Solar Physics</i> , <b>2018</b> , 293, 1	2.6	18
160	Origin of the Modulation of the Radio Emission from the Solar Corona by a Fast Magnetoacoustic Wave. <i>Astrophysical Journal</i> , <b>2018</b> , 861, 33	4.7	20
159	CME-driven Shock and Type II Solar Radio Burst Band Splitting. <i>Astrophysical Journal</i> , <b>2018</b> , 868, 79	4.7	32
158	Spatial Expansion and Speeds of Type III Electron Beam Sources in the Solar Corona. <i>Astrophysical Journal</i> , <b>2018</b> , 867, 158	4.7	9
157	Solar type III radio burst time characteristics at LOFAR frequencies and the implications for electron beam transport. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 614, A69	5.1	17
156	Diffusive transport of energetic electrons in the solar corona: X-ray and radio diagnostics. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 610, A6	5.1	12
155	Spatially inhomogeneous acceleration of electrons in solar flares. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 612, A64	5.1	3
154	Frequency rising sub-THz emission from solar flare ribbons. <i>Astronomy and Astrophysics</i> , <b>2018</b> , 620, A95	5.1	10
153	The Role of Diffusion in the Transport of Energetic Electrons during Solar Flares. <i>Astrophysical Journal</i> , <b>2017</b> , 835, 262	4.7	15
152	Langmuir wave electric fields induced by electron beams in the heliosphere. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 598, A44	5.1	14
151	Particle acceleration with anomalous pitch angle scattering in 2D magnetohydrodynamic reconnection simulations. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 605, A73	5.1	8
150	Imaging spectroscopy of type U and J solar radio bursts with LOFAR. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 606, A141	5.1	17
149	Polarisation of microwave emission from reconnecting twisted coronal loops. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 604, A116	5.1	6
148	Small electron acceleration episodes in the solar corona. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 471, 89-99	4.3	14
147	Turbulent Kinetic Energy in the Energy Balance of a Solar Flare. <i>Physical Review Letters</i> , <b>2017</b> , 118, 155101	4.4	41
146	Solar Plasma Radio Emission in the Presence of Imbalanced Turbulence of Kinetic-Scale Alfvén Waves. <i>Solar Physics</i> , <b>2017</b> , 292, 1	2.6	6
145	Imaging spectroscopy of solar radio burst fine structures. <i>Nature Communications</i> , <b>2017</b> , 8, 1515	17.4	63

144	Global Energetics of Solar Flares. V. Energy Closure in Flares and Coronal Mass Ejections. <i>Astrophysical Journal</i> , <b>2017</b> , 836, 17	4.7	70
143	Measuring X-ray anisotropy in solar flares. Prospective stereoscopic capabilities of STIX and MiSolFA. <i>Astronomy and Astrophysics</i> , <b>2017</b> , 606, A2	5.1	8
142	NARROWBAND GYROSYNCHROTRON BURSTS: PROBING ELECTRON ACCELERATION IN SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2016</b> , 826, 38	4.7	11
141	Weak turbulence theory for collisional plasmas. <i>Physical Review E</i> , <b>2016</b> , 93, 033203	2.4	21
140	Solar Science with the Atacama Large Millimeter/Submillimeter Array A New View of Our Sun. <i>Space Science Reviews</i> , <b>2016</b> , 200, 1-73	7.5	77
139	On the origin of 140 GHz emission from the 4 July 2012 solar flare. <i>Advances in Space Research</i> , <b>2016</b> , 57, 1449-1455	2.4	11
138	QUASI-PERIODIC ACCELERATION OF ELECTRONS IN THE FLARE ON 2012 JULY 19. <i>Astrophysical Journal</i> , <b>2016</b> , 831, 119	4.7	11
137	Plasma motions and non-thermal line broadening in flaring twisted coronal loops. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 589, A104	5.1	12
136	OBSERVING THE FORMATION OF FLARE-DRIVEN CORONAL RAIN. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 184	4.7	28
135	Diagnosing the Source Region of a Solar Burst on 26 September 2011 by Using Microwave Type-III Pairs. <i>Solar Physics</i> , <b>2016</b> , 291, 2407-2418	2.6	3
134	ANOMALOUS COOLING OF CORONAL LOOPS WITH TURBULENT SUPPRESSION OF THERMAL CONDUCTION. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 76	4.7	12
133	Two-dimensional time evolution of beam-plasma instability in the presence of binary collisions. <i>Astronomy and Astrophysics</i> , <b>2016</b> , 586, A19	5.1	34
132	GLOBAL ENERGETICS OF SOLAR FLARES. III. NONTHERMAL ENERGIES. <i>Astrophysical Journal</i> , <b>2016</b> , 832, 27	4.7	46
131	SUPPRESSION OF PARALLEL TRANSPORT IN TURBULENT MAGNETIZED PLASMAS AND ITS IMPACT ON THE NON-THERMAL AND THERMAL ASPECTS OF SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2016</b> , 824, 78	4.7	17
130	COLLISIONAL RELAXATION OF ELECTRONS IN A WARM PLASMA AND ACCELERATED NONTHERMAL ELECTRON SPECTRA IN SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2015</b> , 809, 35	4.7	29
129	SSALMON The Solar Simulations for the Atacama Large Millimeter Observatory Network. <i>Advances in Space Research</i> , <b>2015</b> , 56, 2679-2692	2.4	5
128	Spatially Resolved Energetic Electron Properties for the 21 May 2004 Flare from Radio Observations and 3D Simulations. <i>Solar Physics</i> , <b>2015</b> , 290, 79-93	2.6	17
127	DIVISION E COMMISSION 49: INTERPLANETARY PLASMA AND HELIOSPHERE. <i>Proceedings of the International Astronomical Union</i> , <b>2015</b> , 11, 300-315	0.1	

126	MULTITHERMAL REPRESENTATION OF THE KAPPA-DISTRIBUTION OF SOLAR FLARE ELECTRONS AND APPLICATION TO SIMULTANEOUS X-RAY AND EUV OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2015</b> , 815, 73	4.7	22
125	Differential emission measure and electron distribution function reconstructed from RHESSI and SDO observations. <i>Geomagnetism and Aeronomy</i> , <b>2015</b> , 55, 995-999	0.9	6
124	CORONAL RESPONSE TO AN EUV WAVE FROM DEM ANALYSIS. <i>Astrophysical Journal</i> , <b>2015</b> , 812, 173	4.7	24
123	High-temperature differential emission measure and altitude variations in the temperature and density of solar flare coronal X-ray sources. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 584, A89	5.1	6
122	On the speed and acceleration of electron beams triggering interplanetary type III radio bursts. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 580, A137	5.1	17
121	The collisional relaxation of electrons in hot flaring plasma and inferring the properties of solar flare accelerated electrons from X-ray observations.. <i>Journal of Physics: Conference Series</i> , <b>2015</b> , 642, 012013	0.3	2
120	Stopping frequency of type III solar radio bursts in expanding magnetic flux tubes. <i>Astronomy and Astrophysics</i> , <b>2015</b> , 577, A124	5.1	12
119	THREE-DIMENSIONAL RADIO AND X-RAY MODELING AND DATA ANALYSIS SOFTWARE: REVEALING FLARE COMPLEXITY. <i>Astrophysical Journal</i> , <b>2015</b> , 799, 236	4.7	65
118	Solar and Heliospheric Physics with the Square Kilometre Array <b>2015</b> ,		6
117	Particle acceleration and transport in reconnecting twisted loops in a stratified atmosphere. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 561, A72	5.1	48
116	Resonance broadening due to particle scattering and mode coupling in the quasi-linear relaxation of electron beams. <i>Journal of Geophysical Research: Space Physics</i> , <b>2014</b> , 119, 4239-4255	2.6	13
115	Statistical Survey of Type III Radio Bursts at Long Wavelengths Observed by the Solar TERrestrial RELations Observatory (STEREO)/Waves Instruments: Radio Flux Density Variations with Frequency. <i>Solar Physics</i> , <b>2014</b> , 289, 3121-3135	2.6	24
114	Large-scale simulations of solar type III radio bursts: flux density, drift rate, duration, and bandwidth. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 572, A111	5.1	39
113	Plasma radio emission from inhomogeneous collisional plasma of a flaring loop. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 562, A57	5.1	14
112	THE FORMATION OF KAPPA-DISTRIBUTION ACCELERATED ELECTRON POPULATIONS IN SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2014</b> , 796, 142	4.7	77
111	TURBULENT PITCH-ANGLE SCATTERING AND DIFFUSIVE TRANSPORT OF HARD X-RAY-PRODUCING ELECTRONS IN FLARING CORONAL LOOPS. <i>Astrophysical Journal</i> , <b>2014</b> , 780, 176	4.7	47
110	ON THE VARIATION OF SOLAR FLARE CORONAL X-RAY SOURCE SIZES WITH ENERGY. <i>Astrophysical Journal</i> , <b>2014</b> , 787, 86	4.7	28
109	The low-high-low trend of type III radio burst starting frequencies and solar flare hard X-rays. <i>Astronomy and Astrophysics</i> , <b>2014</b> , 567, A85	5.1	22

108	Statistical Survey of Type III Radio Bursts at Long Wavelengths Observed by the Solar TERrestrial RELations Observatory (STEREO)/Waves Instruments: Radio Flux Density Variations with Frequency <b>2014</b> , 499-513		1
107	Effect of Collisions and Magnetic Convergence on Electron Acceleration and Transport in Reconnecting Twisted Solar Flare Loops. <i>Solar Physics</i> , <b>2013</b> , 284, 489-498	2.6	35
106	PROBING DYNAMICS OF ELECTRON ACCELERATION WITH RADIO AND X-RAY SPECTROSCOPY, IMAGING, AND TIMING IN THE 2002 APRIL 11 SOLAR FLARE. <i>Astrophysical Journal</i> , <b>2013</b> , 768, 190	4.7	18
105	TEMPORAL VARIATIONS OF X-RAY SOLAR FLARE LOOPS: LENGTH, CORPULENCE, POSITION, TEMPERATURE, PLASMA PRESSURE, AND SPECTRA. <i>Astrophysical Journal</i> , <b>2013</b> , 766, 75	4.7	13
104	Implications for electron acceleration and transport from non-thermal electron rates at looptop and footpoint sources in solar flares. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 551, A135	5.1	50
103	Stochastic acceleration by multi-island contraction during turbulent magnetic reconnection. <i>Physical Review Letters</i> , <b>2013</b> , 110, 151101	7.4	25
102	Evolution of the Solar Flare Energetic Electrons in the Inhomogeneous Inner Heliosphere. <i>Solar Physics</i> , <b>2013</b> , 285, 217-232	2.6	25
101	Measurements of Electron Anisotropy in Solar Flares Using Albedo with RHESSI X-Ray Data. <i>Solar Physics</i> , <b>2013</b> , 284, 405-425	2.6	12
100	ELECTRON DISTRIBUTION FUNCTIONS IN SOLAR FLARES FROM COMBINED X-RAY AND EXTREME-ULTRAVIOLET OBSERVATIONS. <i>Astrophysical Journal</i> , <b>2013</b> , 779, 107	4.7	25
99	THE LOCATION OF NON-THERMAL VELOCITY IN THE EARLY PHASES OF LARGE FLARES REVEALING PRE-ERUPTION FLUX ROPES. <i>Astrophysical Journal</i> , <b>2013</b> , 774, 122	4.7	20
98	Science enabled by high precision inertial formation flying. <i>International Journal of Space Science and Engineering</i> , <b>2013</b> , 1, 331	0.3	7
97	Effect of turbulent density-fluctuations on wave-particle interactions and solar flare X-ray spectra. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 550, A51	5.1	5
96	Multi-thermal dynamics and energetics of a coronal mass ejection in the low solar atmosphere. <i>Astronomy and Astrophysics</i> , <b>2013</b> , 553, A10	5.1	70
95	DENSITY FLUCTUATIONS AND THE ACCELERATION OF ELECTRONS BY BEAM-GENERATED LANGMUIR WAVES IN THE SOLAR CORONA. <i>Astrophysical Journal</i> , <b>2012</b> , 761, 176	4.7	37
94	Solar Particle Acceleration Radiation and Kinetics (SPARK). <i>Experimental Astronomy</i> , <b>2012</b> , 33, 237-269	1.3	2
93	Wave-particle interactions in non-uniform plasma and the interpretation of hard X-ray spectra in solar flares. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 539, A43	5.1	30
92	RHESSI AND SDO/AIA OBSERVATIONS OF THE CHROMOSPHERIC AND CORONAL PLASMA PARAMETERS DURING A SOLAR FLARE. <i>Astrophysical Journal</i> , <b>2012</b> , 760, 142	4.7	31
91	Determination of the acceleration region size in a loop-structured solar flare. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 543, A53	5.1	29

90	NUMERICAL SIMULATIONS OF CHROMOSPHERIC HARD X-RAY SOURCE SIZES IN SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2012</b> , 752, 4	4-7	11
89	A CLASSIFICATION SCHEME FOR TURBULENT ACCELERATION PROCESSES IN SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2012</b> , 754, 103	4-7	22
88	Differential emission measures from the regularized inversion of Hinode and SDO data. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 539, A146	5-1	199
87	Electron acceleration during three-dimensional relaxation of an electron beam-return current plasma system in a magnetic field. <i>Astronomy and Astrophysics</i> , <b>2012</b> , 544, A148	5-1	11
86	HARD X-RAY FOOTPOINT SIZES AND POSITIONS AS DIAGNOSTICS OF FLARE ACCELERATED ENERGETIC ELECTRONS IN THE LOW SOLAR ATMOSPHERE. <i>Astrophysical Journal</i> , <b>2011</b> , 735, 42	4-7	19
85	RELATIONSHIP BETWEEN HARD AND SOFT X-RAY EMISSION COMPONENTS OF A SOLAR FLARE. <i>Astrophysical Journal</i> , <b>2011</b> , 728, 4	4-7	15
84	Height structure of X-ray, EUV, and white-light emission in a solar flare. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 533, L2	5-1	27
83	Parallel electric field amplification by phase mixing of Alfvén waves. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 527, A130	5-1	13
82	Instrumental oscillations in RHESSI count rates during solar flares. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 530, A47	5-1	7
81	The spectral difference between solar flare HXR coronal and footpoint sources due to wave-particle interactions. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 529, A109	5-1	23
80	A COLD, TENUOUS SOLAR FLARE: ACCELERATION WITHOUT HEATING. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 731, L19	7-9	48
79	Characteristics of the flare acceleration region derived from simultaneous hard X-ray and radio observations. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 529, A66	5-1	33
78	HIGH-RESOLUTION IMAGING OF SOLAR FLARE RIBBONS AND ITS IMPLICATION ON THE THICK-TARGET BEAM MODEL. <i>Astrophysical Journal</i> , <b>2011</b> , 739, 96	4-7	131
77	ACCELERATION, MAGNETIC FLUCTUATIONS, AND CROSS-FIELD TRANSPORT OF ENERGETIC ELECTRONS IN A SOLAR FLARE LOOP. <i>Astrophysical Journal Letters</i> , <b>2011</b> , 730, L22	7-9	47
76	The influence of albedo on the size of hard X-ray flare sources. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 526, A3	5-1	12
75	Implications of X-ray Observations for Electron Acceleration and Propagation in Solar Flares. <i>Space Science Reviews</i> , <b>2011</b> , 159, 107-166	7-5	208
74	Recent Advances in Understanding Particle Acceleration Processes in Solar Flares. <i>Space Science Reviews</i> , <b>2011</b> , 159, 357-420	7-5	155
73	Deducing Electron Properties from Hard X-ray Observations. <i>Space Science Reviews</i> , <b>2011</b> , 159, 301-355	7-5	115



72	ELECTRON ACCELERATION ASSOCIATED WITH SOLAR JETS. <i>Astrophysical Journal</i> , <b>2011</b> , 742, 82	4-7	45
71	Turbulent cross-field transport of non-thermal electrons in coronal loops: theory and observations. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 535, A18	5-1	21
70	Spatially resolved hard X-ray polarization in solar flares: effects of Compton scattering and bremsstrahlung. <i>Astronomy and Astrophysics</i> , <b>2011</b> , 536, A93	5-1	18
69	Implications of X-ray Observations for Electron Acceleration and Propagation in Solar Flares <b>2011</b> , 107-166		2
68	Deducing Electron Properties from Hard X-ray Observations <b>2011</b> , 301-355		3
67	Recent Advances in Understanding Particle Acceleration Processes in Solar Flares <b>2011</b> , 357-420		1
66	A gyrofluid description of Alfvénic turbulence and its parallel electric field. <i>Physics of Plasmas</i> , <b>2010</b> , 17, 062308	2-1	16
65	COMBINEDSTEREO/RHESSISTUDY OF CORONAL MASS EJECTION ACCELERATION AND PARTICLE ACCELERATION IN SOLAR FLARES. <i>Astrophysical Journal</i> , <b>2010</b> , 712, 1410-1420	4-7	136
64	Parallel electric field generation by Alfvén wave turbulence. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 519, A114	5-1	39
63	Positions and sizes of X-ray solar flare sources. <i>Astronomy and Astrophysics</i> , <b>2010</b> , 513, L2	5-1	28
62	THE SUB-ARCSECOND HARD X-RAY STRUCTURE OF LOOP FOOTPOINTS IN A SOLAR FLARE. <i>Astrophysical Journal</i> , <b>2010</b> , 717, 250-256	4-7	43
61	SUB-THz RADIATION MECHANISMS IN SOLAR FLARES. <i>Astrophysical Journal Letters</i> , <b>2010</b> , 709, L127-L132	9	43
60	SOLAR WIND DENSITY TURBULENCE AND SOLAR FLARE ELECTRON TRANSPORT FROM THE SUN TO THE EARTH. <i>Astrophysical Journal</i> , <b>2010</b> , 721, 864-874	4-7	40
59	A Regularized Visibility-Based Approach to Astronomical Imaging Spectroscopy. <i>SIAM Journal on Imaging Sciences</i> , <b>2009</b> , 2, 910-930	1-9	5
58	ONSETS AND SPECTRA OF IMPULSIVE SOLAR ENERGETIC ELECTRON EVENTS OBSERVED NEAR THE EARTH. <i>Astrophysical Journal</i> , <b>2009</b> , 695, L140-L144	4-7	39
57	THE EFFECT OF WAVE-PARTICLE INTERACTIONS ON LOW-ENERGY CUTOFFS IN SOLAR FLARE ELECTRON SPECTRA. <i>Astrophysical Journal</i> , <b>2009</b> , 707, L45-L50	4-7	41
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