

# Edward E Deluca

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). II. Flares and Eruptions. <i>Astrophysical Journal</i> , 2022, 926, 53.	1.6	24
2	Probing the Physics of the Solar Atmosphere with the Multi-slit Solar Explorer (MUSE). I. Coronal Heating. <i>Astrophysical Journal</i> , 2022, 926, 52.	1.6	25
3	New Observations of the IR Emission Corona from the 2019 July 2 Eclipse Flight of the Airborne Infrared Spectrometer. <i>Astrophysical Journal</i> , 2022, 933, 82.	1.6	6
4	The Airborne Infrared Spectrometer: Development, Characterization, and the 2017 August 21 Eclipse Observation. <i>Astronomical Journal</i> , 2022, 164, 39.	1.9	4
5	Solar Soft X-ray Irradiance Variability, I: Segmentation of Hinode/XRT Full-Disk Images and Comparison with GOES (1-8 Å) X-Ray Flux. <i>Solar Physics</i> , 2021, 296, 1.	1.0	4
6	Critical Science Plan for the Daniel K. Inouye Solar Telescope (DKIST). <i>Solar Physics</i> , 2021, 296, 1.	1.0	65
7	Magnetofrictional Modeling of an Erupting Pseudostreamer. <i>Astrophysical Journal</i> , 2021, 913, 47.	1.6	7
8	Adriaan van Ballegooijen (1953-2021). , 2021, 53, .		0
9	An Airborne Coronal Emission Surveyor (ACES) for Solar Eclipse Observations. , 2021, , .		0
10	EUV imaging and spectroscopy for improved space weather forecasting. <i>Journal of Space Weather and Space Climate</i> , 2020, 10, 37.	1.1	11
11	A New Facility for Airborne Solar Astronomy: NASA's WB-57 at the 2017 Total Solar Eclipse. <i>Astrophysical Journal</i> , 2020, 895, 131.	1.6	1
12	A Study of Equatorial Coronal Holes during the Maximum Phase of Four Solar Cycles. <i>Astrophysical Journal</i> , 2020, 901, 124.	1.6	2
13	Nonlinear Force-free Field Modeling of Solar Coronal Jets in Theoretical Configurations. <i>Astrophysical Journal</i> , 2019, 880, 62.	1.6	4
14	Coronal Plasma Characterization via Coordinated Infrared and Extreme Ultraviolet Observations of a Total Solar Eclipse. <i>Astrophysical Journal</i> , 2019, 880, 102.	1.6	14
15	Forward Modeling of a Pseudostreamer. <i>Astrophysical Journal</i> , 2019, 883, 74.	1.6	5
16	Unfolding Overlapped Slitless Imaging Spectrometer Data for Extended Sources. <i>Astrophysical Journal</i> , 2019, 882, 12.	1.6	14
17	Data-optimized Coronal Field Model. I. Proof of Concept. <i>Astrophysical Journal</i> , 2019, 877, 111.	1.6	13
18	Solar Eclipse Observations from the Ground and Air from 0.31 to 5.5 Microns. <i>Solar Physics</i> , 2019, 294, 1.	1.0	10

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19	Discovery of New Coronal Lines at 2.843 and 2.853 $\mu\text{m}$ . <i>Astrophysical Journal Letters</i> , 2018, 856, L29.	3.0	14
20	Solar Coronal Lines in the Visible and Infrared: A Rough Guide. <i>Astrophysical Journal</i> , 2018, 852, 52.	1.6	49
21	Image stabilization for Airborne Infrared Spectrometer. , 2018, , .		1
22	An airborne infrared spectrometer for solar eclipse observations. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
23	THE RELATION BETWEEN SOLAR ERUPTION TOPOLOGIES AND OBSERVED FLARE FEATURES. II. DYNAMICAL EVOLUTION. <i>Astrophysical Journal</i> , 2016, 817, 43.	1.6	59
24	SIMULATIONS OF THE KELVIN–HELMHOLTZ INSTABILITY DRIVEN BY CORONAL MASS EJECTIONS IN THE TURBULENT CORONA. <i>Astrophysical Journal</i> , 2016, 818, 126.	1.6	7
25	Self-organized braiding in solar coronal loops. <i>Journal of Plasma Physics</i> , 2015, 81, .	0.7	7
26	THE RELATION BETWEEN SOLAR ERUPTION TOPOLOGIES AND OBSERVED FLARE FEATURES. I. FLARE RIBBONS. <i>Astrophysical Journal</i> , 2015, 810, 96.	1.6	83
27	Total mass of six quiescent prominences estimated from their multi-spectral observations. <i>Astronomy and Astrophysics</i> , 2015, 574, A62.	2.1	7
28	A dynamic magnetic tension force as the cause of failed solar eruptions. <i>Nature</i> , 2015, 528, 526-529.	13.7	77
29	SMALL-SCALE AND GLOBAL DYNAMOS AND THE AREA AND FLUX DISTRIBUTIONS OF ACTIVE REGIONS, SUNSPOT GROUPS, AND SUNSPOTS: A MULTI-DATABASE STUDY. <i>Astrophysical Journal</i> , 2015, 800, 48.	1.6	58
30	OBSERVATIONS OF UMBRAL FLASHES AND RUNNING SUNSPOT WAVES WITH THE INTERFACE REGION IMAGING SPECTROGRAPH. <i>Astrophysical Journal</i> , 2015, 800, 129.	1.6	32
31	MAGNETIC STRUCTURE AND DYNAMICS OF THE ERUPTING SOLAR POLAR CROWN PROMINENCE ON 2012 MARCH 12. <i>Astrophysical Journal</i> , 2015, 807, 144.	1.6	55
32	THE MINIMUM OF SOLAR CYCLE 23: AS DEEP AS IT COULD BE?. <i>Astrophysical Journal</i> , 2015, 804, 68.	1.6	23
33	DYNAMICS OF THE TRANSITION CORONA. <i>Astrophysical Journal</i> , 2014, 787, 145.	1.6	33
34	The soft x-ray photon-counting telescope for solar observations. <i>Proceedings of SPIE</i> , 2014, , .	0.8	1
35	HIGH-RESOLUTION OBSERVATIONS OF THE SHOCK WAVE BEHAVIOR FOR SUNSPOT OSCILLATIONS WITH THE INTERFACE REGION IMAGING SPECTROGRAPH. <i>Astrophysical Journal</i> , 2014, 786, 137.	1.6	102
36	OBSERVATIONS OF SUBARCSECOND BRIGHT DOTS IN THE TRANSITION REGION ABOVE SUNSPOTS WITH THE INTERFACE REGION IMAGING SPECTROGRAPH. <i>Astrophysical Journal Letters</i> , 2014, 790, L29.	3.0	63

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37	NONLINEAR FORCE-FREE FIELD MODELING OF THE SOLAR MAGNETIC CARPET AND COMPARISON WITH SDO/HMI AND SUNRISE/IMAX OBSERVATIONS. <i>Astrophysical Journal</i> , 2014, 793, 112.	1.6	10
38	The Interface Region Imaging Spectrograph (IRIS). <i>Solar Physics</i> , 2014, 289, 2733-2779.	1.0	948
39	DISCOVERY OF FINELY STRUCTURED DYNAMIC SOLAR CORONA OBSERVED IN THE HI-C TELESCOPE. <i>Astrophysical Journal Letters</i> , 2014, 787, L10.	3.0	21
40	A New Sigmoid Catalog from Hinode and the Solar Dynamics Observatory: Statistical Properties and Evolutionary Histories. <i>Solar Physics</i> , 2014, 289, 3297-3311.	1.0	30
41	SOLAR CYCLE PROPAGATION, MEMORY, AND PREDICTION: INSIGHTS FROM A CENTURY OF MAGNETIC PROXIES. <i>Astrophysical Journal Letters</i> , 2013, 767, L25.	3.0	116
42	OBSERVATIONS AND MODELING OF THE EMERGING EXTREME-ULTRAVIOLET LOOPS IN THE QUIET SUN AS SEEN WITH THE SOLAR DYNAMICS OBSERVATORY. <i>Astrophysical Journal</i> , 2013, 768, 32.	1.6	8
43	THE SPATIAL AND TEMPORAL DEPENDENCE OF CORONAL HEATING BY ALFVÉN WAVE TURBULENCE. <i>Astrophysical Journal</i> , 2013, 773, 111.	1.6	60
44	MAGNETOHYDRODYNAMIC MODELING OF THE SOLAR ERUPTION ON 2010 APRIL 8. <i>Astrophysical Journal</i> , 2013, 779, 129.	1.6	111
45	Using the Dipolar and Quadrupolar Moments to Improve Solar-Cycle Predictions Based on the Polar Magnetic Fields. <i>Physical Review Letters</i> , 2013, 111, 041106.	2.9	34
46	Column Density Measurements of a Prominence Observed by AIA. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 449-450.	0.0	0
47	Structure and Dynamics of an Eruptive Prominence on the Quiet Sun. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 460-461.	0.0	0
48	Total mass loading of prominences estimated from their multi-spectral observations. <i>Proceedings of the International Astronomical Union</i> , 2013, 8, 458-459.	0.0	0
49	OBSERVING CORONAL NANOFLARES IN ACTIVE REGION MOSS. <i>Astrophysical Journal Letters</i> , 2013, 770, L1.	3.0	99
50	FIELD TOPOLOGY ANALYSIS OF A LONG-LASTING CORONAL SIGMOID. <i>Astrophysical Journal</i> , 2012, 744, 78.	1.6	85
51	CALIBRATING 100 YEARS OF POLAR FACULAE MEASUREMENTS: IMPLICATIONS FOR THE EVOLUTION OF THE HELIOSPHERIC MAGNETIC FIELD. <i>Astrophysical Journal</i> , 2012, 753, 146.	1.6	90
52	Numerical simulations of the CME on 2010 April 8. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 575-576.	0.0	0
53	PHOTOSPHERIC FLUX CANCELLATION AND THE BUILD-UP OF SIGMOIDAL FLUX ROPES ON THE SUN. <i>Astrophysical Journal</i> , 2012, 759, 105.	1.6	81
54	The x-ray/EUV telescope for the Solar-C mission: science and development activities. , 2012, , .		2

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55	SIGMOIDAL ACTIVE REGION ON THE SUN: COMPARISON OF A MAGNETOHYDRODYNAMICAL SIMULATION AND A NONLINEAR FORCE-FREE FIELD MODEL. <i>Astrophysical Journal</i> , 2012, 750, 15.	1.6	119
56	DYNAMICS OF THE SOLAR MAGNETIC BRIGHT POINTS DERIVED FROM THEIR HORIZONTAL MOTIONS. <i>Astrophysical Journal</i> , 2012, 752, 48.	1.6	66
57	The Atmospheric Imaging Assembly (AIA) on the Solar Dynamics Observatory (SDO). <i>Solar Physics</i> , 2012, 275, 17-40.	1.0	3,385
58	<i>SOLAR DYNAMICS OBSERVATORY</i> DISCOVERS THIN HIGH TEMPERATURE STRANDS IN CORONAL ACTIVE REGIONS. <i>Astrophysical Journal Letters</i> , 2011, 736, L16.	3.0	46
59	THE WAVE PROPERTIES OF CORONAL BRIGHT FRONTS OBSERVED USING <i>SDO</i> /AIA. <i>Astrophysical Journal Letters</i> , 2011, 741, L21.	3.0	39
60	Temperature variability in X-ray bright points observed with Hinode/XRT. <i>Astronomy and Astrophysics</i> , 2011, 526, A78.	2.1	23
61	OBSERVATIONS AND MAGNETIC FIELD MODELING OF THE FLARE/CORONAL MASS EJECTION EVENT ON 2010 APRIL 8. <i>Astrophysical Journal</i> , 2011, 734, 53.	1.6	113
62	Photon-counting soft x-ray telescope for the Solar-C mission. , 2011, , .		0
63	TEMPERATURE DISTRIBUTION OF A NON-FLARING ACTIVE REGION FROM SIMULTANEOUS<i>HINODE</i>/XRT AND EIS OBSERVATIONS. <i>Astrophysical Journal</i> , 2011, 728, 30.	1.6	59
64	HEATING OF THE SOLAR CHROMOSPHERE AND CORONA BY ALFVÉN WAVE TURBULENCE. <i>Astrophysical Journal</i> , 2011, 736, 3.	1.6	331
65	Coronal-Temperature-Diagnostic Capability of the Hinode/X-Ray Telescope Based on Self-Consistent Calibration. <i>Solar Physics</i> , 2011, 269, 169-236.	1.0	59
66	The Atmospheric Imaging Assembly (AIA) on the Solar Dynamics Observatory (SDO). , 2011, , 17-40.		45
67	High-spectral resolution high-cadence imaging x-ray microcalorimeters for solar physics. , 2010, , .		10
68	THE ROLE OF MAGNETIC TOPOLOGY IN THE HEATING OF ACTIVE REGION CORONAL LOOPS. <i>Astrophysical Journal</i> , 2010, 723, 1493-1506.	1.6	9
69	TRACE Observations of Changes in Coronal Hole Boundaries. <i>Solar Physics</i> , 2010, 262, 135-147.	1.0	12
70	FORMATION OF TORUS-UNSTABLE FLUX ROPES AND ELECTRIC CURRENTS IN ERUPTING SIGMOIDS. <i>Astrophysical Journal</i> , 2010, 708, 314-333.	1.6	443
71	MULTI-STRANDED AND MULTI-THERMAL SOLAR CORONAL LOOPS: EVIDENCE FROM<i>HINODE</i> X-RAY TELESCOPE AND EUV IMAGING SPECTROMETER DATA. <i>Astrophysical Journal</i> , 2010, 723, 1180-1187.	1.6	37
72	OBSERVATIONS AND NONLINEAR FORCE-FREE FIELD MODELING OF ACTIVE REGION 10953. <i>Astrophysical Journal</i> , 2009, 691, 105-114.	1.6	73

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73	ARE CORONAL LOOPS ISOTHERMAL OR MULTITHERMAL?. <i>Astrophysical Journal</i> , 2009, 691, 503-515.	1.6	28
74	ON THE STRUCTURE AND EVOLUTION OF COMPLEXITY IN SIGMOIDS: A FLUX EMERGENCE MODEL. <i>Astrophysical Journal</i> , 2009, 691, 1276-1291.	1.6	70
75	<i>Hinode</i> X-RAY TELESCOPE DETECTION OF HOT EMISSION FROM QUIESCENT ACTIVE REGIONS: A NANOFIARE SIGNATURE?. <i>Astrophysical Journal</i> , 2009, 693, L131-L135.	1.6	85
76	DOES A POLAR CORONAL HOLE'S FLUX EMERGENCE FOLLOW A HALE-LIKE LAW?. <i>Astrophysical Journal</i> , 2009, 702, L32-L36.	1.6	26
77	Thermal And Statistical Properties of X-ray Bright Points. , 2009, , .		1
78	SOME LIKE IT HOT: CORONAL HEATING OBSERVATIONS FROM <i>Hinode</i> X-RAY TELESCOPE AND <i>RHESSI</i> . <i>Astrophysical Journal</i> , 2009, 704, 863-869.	1.6	53
79	The <i>Hinode</i> X-Ray Telescope (XRT): Camera Design, Performance and Operations. <i>Solar Physics</i> , 2008, 249, 263-279.	1.0	84
80	<i>Hinode</i> , <i>TRACE</i> , <i>SOHO</i> , and Ground-based Observations of a Quiescent Prominence. <i>Astrophysical Journal</i> , 2008, 686, 1383-1396.	1.6	95
81	Modeling Nonpotential Magnetic Fields in Solar Active Regions. <i>Astrophysical Journal</i> , 2008, 672, 1209-1220.	1.6	120
82	Evidence for Alfvén Waves in Solar X-ray Jets. <i>Science</i> , 2007, 318, 1580-1582.	6.0	386
83	Magnetic Feature and Morphological Study of X-Ray Bright Points with <i>Hinode</i> . <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S735-S743.	1.0	15
84	Evolution of the Sheared Magnetic Fields of Two X-Class Flares Observed by <i>Hinode</i> /XRT. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S785-S791.	1.0	54
85	<i>Hinode</i> Calibration for Precise Image Co-Alignment between SOT and XRT (2006 November–2007 April). <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S845-S852.	1.0	52
86	Slipping Magnetic Reconnection in Coronal Loops. <i>Science</i> , 2007, 318, 1588-1591.	6.0	98
87	A Study of Polar Jet Parameters Based on <i>Hinode</i> XRT Observations. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S771-S778.	1.0	159
88	An On-Orbit Determination of the On-Axis Point Spread Function of the <i>Hinode</i> X-Ray Telescope. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S853-S855.	1.0	7
89	Active Region Loops: Temperature Measurements as a Function of Time from Joint <i>TRACE</i> and <i>SOHO</i> CDS Observations. <i>Astrophysical Journal</i> , 2007, 655, 598-605.	1.6	35
90	What Determines the Intensity of Solar Flare/CME Events?. <i>Astrophysical Journal</i> , 2007, 665, 1448-1459.	1.6	17

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91	A search for oscillating loops in Solar-B XRT observations. Proceedings of the International Astronomical Union, 2007, 3, 147-149.	0.0	1
92	Continuous Plasma Outflows from the Edge of a Solar Active Region as a Possible Source of Solar Wind. Science, 2007, 318, 1585-1588.	6.0	189
93	Modeling magnetic flux ropes in the solar atmosphere. Journal of Atmospheric and Solar-Terrestrial Physics, 2007, 69, 24-31.	0.6	22
94	Data Archive of the Hinode Mission. Solar Physics, 2007, 243, 87-92.	1.0	15
95	The X-Ray Telescope (XRT) for the Hinode Mission. Solar Physics, 2007, 243, 63-86.	1.0	575
96	Magnetic reconfiguration before the X 17 Solar flare of October 28 2003. Advances in Space Research, 2006, 37, 1313-1316.	1.2	18
97	Companion Event and Precursor of the X17 Flare on 28 October 2003. Solar Physics, 2006, 238, 293-312.	1.0	63
98	The Reconnection and Microscale (RAM) probe. , 2005, 5901, 281.		0
99	Isothermal Bias of the "Filter Ratio" Method for Observations of Multithermal Plasma. Astrophysical Journal, 2005, 635, L101-L104.	1.6	36
100	Calibration of the Solar-B x-ray optics. , 2005, , .		0
101	Science of the X-ray Sun: The X-ray telescope on Solar-B. Advances in Space Research, 2005, 36, 1489-1493.	1.2	8
102	Characteristics of transverse oscillations in a coronal loop arcade. Solar Physics, 2004, 223, 77-94.	1.0	234
103	Magnetic changes observed in the formation of two filaments in a complex active region: TRACE and MSDP observations. Solar Physics, 2004, 223, 119-141.	1.0	63
104	Detection of X-Ray Resonance Scattering in Active Stellar Coronae. Astrophysical Journal, 2004, 609, L79-L82.	1.6	29
105	Calibration of the XRT-SOLARB flight filters at the XACT facility of INAF-OAPA. , 2004, , .		0
106	The Reconnection And Microscale (RAM) Solar-Terrestrial Probe. , 2003, , .		2
107	Constraints on Active Region Coronal Heating. Astrophysical Journal, 2003, 590, 547-553.	1.6	73
108	Propagating EUV disturbances in the Solar corona: Two-wavelength observations. Astronomy and Astrophysics, 2003, 404, L1-L4.	2.1	89

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109	A photometric imaging solar telescope, tunable in the extreme ultraviolet, utilizing multilayer x-ray optics. Review of Scientific Instruments, 2002, 73, 1908-1913.	0.6	4
110	Tracking the processing status of Chandra observations. , 2002, 4844, 485.		1
111	Chandra data archive operations. , 2002, 4844, 172.		3
112	Magnetic structure and reconnection of x-ray bright points in the solar corona. Advances in Space Research, 2002, 29, 1093-1099.	1.2	3
113	Steady Flows Detected in Extreme-Ultraviolet Loops. Astrophysical Journal, 2002, 567, L89-L92.	1.6	125
114	The Timing of Flares Associated with the Two Dynamical Types of Solar Coronal Mass Ejections. Astrophysical Journal, 2002, 574, L97-L100.	1.6	38
115	Apparent Flows above an Active Region Observed with the [ITAL]Transition Region and Coronal Explorer[/ITAL]. Astrophysical Journal, 2001, 553, L81-L84.	1.6	62
116	The Magnetic Structure of a Coronal X-Ray Bright Point. Solar Physics, 2001, 201, 305-321.	1.0	54
117	Magnetic Diffusion in Stratified Atmospheres. Astrophysical Journal, 2001, 548, 1093-1101.	1.6	4
118	A Study of Hydrogen Density in Emerging Flux Loops from a Coordinated Transition Region and Coronal Explorer and Canary Islands Observation Campaign. Astrophysical Journal, 2001, 556, 438-451.	1.6	34
119	Active Region Transient Events Observed with [ITAL]TRACE[/ITAL]. Astrophysical Journal, 2001, 563, L173-L177.	1.6	13
120	The Topology and Evolution of the Bastille Day Flare. Astrophysical Journal, 2000, 540, 1126-1142.	1.6	246
121	<title>High-resolution grazing incidence telescope for the Solar-B observatory</title> . , 2000, , .		3
122	A Brightening Coronal Loop Observed by TRACE. I. Morphology and Evolution. Astrophysical Journal, 2000, 535, 412-422.	1.6	29
123	A Brightening Coronal Loop Observed by TRACE. II. Loop Modeling and Constraints on Heating. Astrophysical Journal, 2000, 535, 423-437.	1.6	46
124	Determination of Flare Heating and Cooling Using the [ITAL]Transition Region and Coronal Explorer[/ITAL]. Astrophysical Journal, 2000, 542, L151-L154.	1.6	13
125	Long-Lived Coronal Loop Profiles from TRACE. , 2000, , 131-138.		0
126	A new view of the solar corona from the transition region and coronal explorer (TRACE). Physics of Plasmas, 1999, 6, 2205-2216.	0.7	132



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127	The transition region and coronal explorer. <i>Solar Physics</i> , 1999, 187, 229-260.	1.0	1,023
128	A new view of the solar outer atmosphere by the Transition Region and Coronal Explorer. <i>Solar Physics</i> , 1999, 187, 261-302.	1.0	343
129	Long-lived Coronal Loop Profiles from TRACE. <i>Solar Physics</i> , 1999, 190, 131-138.	1.0	18
130	TRACE Observation of Damped Coronal Loop Oscillations: Implications for Coronal Heating. <i>Science</i> , 1999, 285, 862-864.	6.0	821
131	Temperature and Emission-Measure Profiles along Long-lived Solar Coronal Loops Observed with the [ITAL]Transition Region and Coronal Explorer[/ITAL]. <i>Astrophysical Journal</i> , 1999, 517, L155-L158.	1.6	157
132	<title>HIREX: results of the mission concept study</title>. , 1998, 3442, 22.		1
133	<title>Large-area thin aluminum filter design, handling, and testing</title>. , 1998, 3445, 96.		0
134	Magnetohydrodynamic Turbulence of Coronal Active Regions and the Distribution of Nanoflares. <i>Astrophysical Journal</i> , 1998, 505, 974-983.	1.6	72
135	The Emergence of Magnetic Flux Loops in Sunlike Stars. <i>Astrophysical Journal</i> , 1997, 481, 369-377.	1.6	26
136	Nonlinear Energy Transfer in Solar Magnetic Loops. <i>Astrophysical Journal</i> , 1995, 448, 954.	1.6	9
137	Observations and Interpretation of Soft X-Ray Limb Absorption Seen by the Normal Incidence X-Ray Telescope. <i>Astrophysical Journal</i> , 1995, 453, 929.	1.6	26
138	The origin of morphological asymmetries in bipolar active regions. <i>Astrophysical Journal</i> , 1993, 405, 390.	1.6	253
139	The dynamics of magnetic flux rings. <i>Astrophysical Journal</i> , 1993, 411, 383.	1.6	7
140	Magnetic reconnection in incompressible fluids. <i>Astrophysical Journal</i> , 1992, 390, 679.	1.6	14
141	Development of hard-turbulent convection in two dimensions: Numerical evidence. <i>Physical Review Letters</i> , 1991, 67, 3519-3522.	2.9	39
142	Numerical simulations of soft and hard turbulence: Preliminary results for two-dimensional convection. <i>Physical Review Letters</i> , 1990, 64, 2370-2373.	2.9	75
143	Angular momentum transport and dynamo action in the sun - Implications of recent oscillation measurements. <i>Astrophysical Journal</i> , 1989, 338, 528.	1.6	97
144	Dynamo theory for the interface between the convection zone and the radiative interior of a star part. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 1988, 43, 119-148.	0.4	24

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145	Dynamo theory for the interface between the convection zone and the radiative interior of a star: Part I model equations and exact solutions. Geophysical and Astrophysical Fluid Dynamics, 1986, 37, 85-127.	0.4	48
146	Dynamo theory for the sun and stars. , 1986, , 163-172.		4
147	Dynamo theory for a thin layer between the convection zone and the radiative zone of a star. Formulation and preliminary results. , 1986, , 173-176.		0