

Kiyoto Shibasaki

List of Publications by Year in descending order

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109321

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133
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133
docs citations

133
times ranked

1756
citing authors

#	ARTICLE	IF	CITATIONS
1	The X-Ray Telescope (XRT) for the Hinode Mission. <i>Solar Physics</i> , 2007, 243, 63-86.	2.5	575
2	Evidence for Alfvén Waves in Solar X-ray Jets. <i>Science</i> , 2007, 318, 1580-1582.	12.6	386
3	The Hard X-ray Telescope (HXT) for the SOLAR-A mission. <i>Solar Physics</i> , 1991, 136, 17-36.	2.5	361
4	Prominence Eruptions and Coronal Mass Ejection: A Statistical Study Using Microwave Observations. <i>Astrophysical Journal</i> , 2003, 586, 562-578.	4.5	292
5	Continuous Plasma Outflows from the Edge of a Solar Active Region as a Possible Source of Solar Wind. <i>Science</i> , 2007, 318, 1585-1588.	12.6	189
6	A Study of Polar Jet Parameters Based on Hinode XRT Observations. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S771-S778.	2.5	159
7	Spatially resolved microwave pulsations of a flare loop. <i>Astronomy and Astrophysics</i> , 2005, 439, 727-736.	5.1	111
8	Periodic Acceleration of Electrons in the 1998 November 10 Solar Flare. <i>Astrophysical Journal</i> , 2001, 562, L103-L106.	4.5	107
9	Types of Microwave Quasi-Periodic Pulsations in Single Flaring Loops. <i>Solar Physics</i> , 2010, 267, 329-342.	2.5	107
10	Loop-Top Nonthermal Microwave Source in Extended Solar Flaring Loops. <i>Astrophysical Journal</i> , 2002, 580, L185-L188.	4.5	105
11	Multi-mode quasi-periodic pulsations in a solar flare. <i>Astronomy and Astrophysics</i> , 2015, 574, A53.	5.1	87
12	Radio Emission of the Quiet Sun and Active Regions (Invited Review). <i>Solar Physics</i> , 2011, 273, 309-337.	2.5	85
13	The Hinode X-Ray Telescope (XRT): Camera Design, Performance and Operations. <i>Solar Physics</i> , 2008, 249, 263-279.	2.5	84
14	High- β Disruption in the Solar Atmosphere. <i>Astrophysical Journal</i> , 2001, 557, 326-331.	4.5	71
15	THREE-MINUTE OSCILLATIONS ABOVE SUNSPOT LUMBRA OBSERVED WITH THE SOLAR DYNAMICS OBSERVATORY/ATMOSPHERIC IMAGING ASSEMBLY AND NOBEYAMA RADIOHELIOGRAPH. <i>Astrophysical Journal</i> , 2012, 746, 119.	4.5	66
16	Fine Structures of Solar X-Ray Jets Observed with the X-Ray Telescope aboard Hinode. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S745-S750.	2.5	62
17	BEHAVIOR OF SOLAR CYCLES 23 AND 24 REVEALED BY MICROWAVE OBSERVATIONS. <i>Astrophysical Journal Letters</i> , 2012, 750, L42.	8.3	57
18	Radio and Hard X-Ray Images of High-Energy Electrons in an X-Class Solar Flare. <i>Astrophysical Journal</i> , 2003, 595, L111-L114.	4.5	54

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19	Detection of Periodic Oscillations in Sunspot-Associated Radio Sources. <i>Solar Physics</i> , 1999, 185, 177-191.	2.5	53
20	Microwave and Hard X-Ray Observations of Footpoint Emission from Solar Flares. <i>Astrophysical Journal</i> , 1995, 454, 522.	4.5	53
21	2002 AUGUST 24 LIMB FLARE LOOP: DYNAMICS OF MICROWAVE BRIGHTNESS DISTRIBUTION. <i>Astrophysical Journal</i> , 2009, 697, 735-746.	4.5	52
22	Absorption Phenomena and a Probable Blast Wave in the 13 July 2004 Eruptive Event. <i>Solar Physics</i> , 2008, 253, 263-290.	2.5	49
23	Spatially Resolved Microwave Observations of Multiple Periodicities in a Flaring Loop. <i>Solar Physics</i> , 2013, 284, 559-578.	2.5	49
24	Synoptic radio observations as proxies for upper atmosphere modelling. <i>Journal of Space Weather and Space Climate</i> , 2014, 4, A06.	3.3	49
25	Multiple Components in the Millimeter Emission of a Solar Flare. <i>Astrophysical Journal</i> , 1999, 522, 547-558.	4.5	47
26	Microwave tomography of solar magnetic fields. <i>Astronomy and Astrophysics</i> , 2000, 144, 169-180.	2.1	47
27	Microwave Detection of Umbral Oscillation in NOAA Active Region 8156: Diagnostics of Temperature Minimum in Sunspot. <i>Astrophysical Journal</i> , 2001, 550, 1113-1118.	4.5	46
28	Microwave enhancement and variability in the elephant's trunk coronal hole: Comparison with SOHO observations. <i>Journal of Geophysical Research</i> , 1999, 104, 9767-9779.	3.3	45
29	Solar Cycle Indices from the Photosphere to the Corona: Measurements and Underlying Physics. <i>Space Science Reviews</i> , 2014, 186, 105-135.	8.1	45
30	SLOW MAGNETOACOUSTIC OSCILLATIONS IN THE MICROWAVE EMISSION OF SOLAR FLARES. <i>Astrophysical Journal Letters</i> , 2012, 756, L36.	8.3	43
31	Microwave and Extreme Ultraviolet Observations of Solar Polar Regions. <i>Astrophysical Journal</i> , 1999, 527, 415-425.	4.5	41
32	Microwave, ultraviolet, and soft X-Ray observations of active region 16898. <i>Solar Physics</i> , 1983, 89, 307.	2.5	39
33	The Radio Properties of Solar Active Region Soft X-Ray Transient Brightenings. <i>Astrophysical Journal</i> , 1995, 450, 435.	4.5	39
34	Microwave Observations of the Rapid Propagation of Nonthermal Sources in a Solar Flare by the Nobeyama Radioheliograph. <i>Astrophysical Journal</i> , 2002, 576, L87-L90.	4.5	39
35	Spatial Structure of Simple Spiky Bursts at Microwave/Millimeter Wavelengths. <i>Astrophysical Journal</i> , 2001, 547, 1090-1099.	4.5	37
36	Soft X-Ray and Gyroresonance Emission above Sunspots. <i>Astrophysical Journal, Supplement Series</i> , 2000, 130, 485-499.	7.7	35

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37	Flare quasi-periodic pulsations with growing periodicity. <i>Astronomy and Astrophysics</i> , 2011, 525, A112.	5.1	32
38	Coronal Magnetography of an Active Region From Microwave Polarization Inversion. <i>Solar Physics</i> , 1999, 185, 157-175.	2.5	31
39	Frequency drifts of 3-min oscillations in microwave and EUV emission above sunspots. <i>Astronomy and Astrophysics</i> , 2012, 539, A23.	5.1	31
40	Magnetic Trapping and Electron Injection in Two Contrasting Solar Microwave Bursts. <i>Astrophysical Journal</i> , 2000, 531, 1109-1120.	4.5	31
41	Observations of Prominence Eruptions with Two Radioheliographs, SSRT, and NoRH. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 69-84.	2.5	30
42	Solar wind disturbances detected by the interplanetary scintillation of radio sources in early August 1972. <i>Journal of Geophysical Research</i> , 1973, 78, 8364-8366.	3.3	29
43	Pulsations of microwave emission and flare plasma diagnostics. <i>Astronomy Letters</i> , 2004, 30, 480-488.	1.0	29
44	One Solar-Cycle Observations of Prominence Activities Using the Nobeyama Radioheliograph 1992-2004. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 85-92.	2.5	29
45	SPATIAL STRUCTURE OF SUNSPOT OSCILLATIONS OBSERVED WITH SDO/AIA. <i>Astrophysical Journal</i> , 2012, 756, 35.	4.5	29
46	Latitudinal distribution of solar wind velocity and its relation to solar EUV corona. <i>Journal of Geophysical Research</i> , 1974, 79, 3841-3843.	3.3	28
47	Multiple wavelength observations of a solar active region. <i>Solar Physics</i> , 1982, 80, 71-85.	2.5	27
48	THE BEHAVIOR OF THE 17 GHz SOLAR RADIUS AND LIMB BRIGHTENING IN THE SPOTLESS MINIMUM XXIII/XXIV. <i>Astrophysical Journal</i> , 2011, 734, 64.	4.5	27
49	Simultaneous multifrequency observations of an eruptive prominence at millimeter wavelengths. <i>Solar Physics</i> , 1995, 156, 363-375.	2.5	26
50	Plasma Parameters in a Post-Eruptive Arcade Observed with CORONAS-F/SPIRIT, Yohkoh/SXT, SOHO/EIT, and in Microwaves. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 55-68.	2.5	26
51	Hinode Observations of the Onset Stage of a Solar Filament Eruption. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S823-S829.	2.5	26
52	Sunspot Gyroresonance Emission at 17 GHz: A Statistical Study. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 11-20.	2.5	25
53	Ballooning Instability in Coronal Flare Loops. <i>Solar Physics</i> , 2008, 253, 161-172.	2.5	22
54	Long-Term Global Solar Activity Observed by the Nobeyama Radioheliograph. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	22

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55	Temporal and angular variation of the solar limb brightening at 17 GHz. <i>Astronomy and Astrophysics</i> , 2003, 401, 1143-1150.	5.1	21
56	Dissipation of diamagnetic currents and plasma heating in coronal magnetic loops. <i>Astronomy Reports</i> , 2005, 49, 1009-1017.	0.9	20
57	Nobeyama radio heliograph observations of RHESSI microflares. <i>Astronomy and Astrophysics</i> , 2006, 451, 691-707.	5.1	19
58	Multilevel Analysis of Oscillation Motions in Active Regions of the Sun. <i>Solar Physics</i> , 2011, 270, 175-189.	2.5	19
59	Coronal magnetic field and the plasma beta determined from radio and multiple satellite observations. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	19
60	Coronal magnetic fields from microwave polarization observations. <i>Solar Physics</i> , 1996, 167, 167-179.	2.5	18
61	Coronal Magnetography of Solar Active Region 8365 with the SSRT and NoRH Radio Heliographs. <i>Solar Physics</i> , 2005, 226, 223-237.	2.5	18
62	Turbulent propagation of high-energy electrons in a solar coronal loop. <i>Astronomy and Astrophysics</i> , 2007, 465, 613-619.	5.1	17
63	DYNAMICS OF THE FLARING LOOP SYSTEM OF 2005 AUGUST 22 OBSERVED IN MICROWAVES AND HARD X-RAYS. <i>Astrophysical Journal</i> , 2010, 724, 171-181.	4.5	17
64	Effect of solar cycle 23 in foF2 trend estimation. <i>Earth, Planets and Space</i> , 2014, 66, .	2.5	16
65	First Images of a Solar Flare at Millimeter Wavelengths. <i>Astrophysical Journal</i> , 1996, 458, L49-L52.	4.5	16
66	An upgrade of nobeyama radioheliograph to a dual-frequency (17 and 34 GHz) system. , 1997, , 183-191.		15
67	Period persistence of long period oscillations in sunspots. <i>Astronomy and Astrophysics</i> , 2011, 529, A123.	5.1	15
68	Microwave enhancement in coronal holes: Statistical properties. <i>Journal of Astrophysics and Astronomy</i> , 2000, 21, 413-417.	1.0	14
69	Long-Period Oscillations of Sunspots by NoRH and SSRT Observations. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, S13.	2.5	14
70	CHROMOSPHERIC SUNSPOTS IN THE MILLIMETER RANGE AS OBSERVED BY THE NOBEYAMA RADIOHELIOGRAPH. <i>Astrophysical Journal</i> , 2016, 816, 91.	4.5	14
71	Measurements of Coronal and Chromospheric Magnetic Fields Using Polarization Observations by the Nobeyama Radioheliograph. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, .	2.5	13
72	CORONAL MAGNETIC FIELDS DERIVED FROM SIMULTANEOUS MICROWAVE AND EUV OBSERVATIONS AND COMPARISON WITH THE POTENTIAL FIELD MODEL. <i>Astrophysical Journal</i> , 2016, 818, 8.	4.5	13

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73	A study of the development of global solar activity in the 23rd solar cycle based on radio observations with the Nobeyama radio heliograph. <i>Astronomy and Astrophysics</i> , 2002, 389, 618-623.	5.1	13
74	Detection of 17 GHz radio emission from X-ray-bright points. <i>Astrophysical Journal</i> , 1994, 431, L155.	4.5	13
75	Microwave Detection of Shock and Associated Electron Beam Formation. <i>Astrophysical Journal</i> , 2002, 567, 610-621.	4.5	13
76	Response of the Solar Atmosphere to Magnetic Flux Emergence from Hinode Observations. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S643-S648.	2.5	12
77	Quasi-periodic Oscillations of Solar Active Regions in Connection with Their Flare Activity – NoRH Observations. <i>Solar Physics</i> , 2011, 273, 403-412.	2.5	12
78	THE 17 GHz ACTIVE REGION NUMBER. <i>Astrophysical Journal</i> , 2014, 790, 134.	4.5	12
79	A Microwave Study of Coronal Ejecta. <i>Astrophysical Journal</i> , 1999, 520, 391-398.	4.5	12
80	The Filament Disappearance of 7 May 1992 (the Ebi). <i>Solar Physics</i> , 1998, 180, 313-329.	2.5	10
81	On the Relation of Brightness Temperatures in Coronal Holes at 5.7 and 17 GHz. <i>Publication of the Astronomical Society of Japan</i> , 2006, 58, 1-10.	2.5	10
82	Long-period pulsations of the thermal microwave emission of the solar flare of June 2, 2007 from data with high spatial resolution. <i>Astronomy Reports</i> , 2014, 58, 573-577.	0.9	10
83	Nonthermal Flare Emission from MeV Energy Electrons at 17, 34, and 86 GHz. <i>Astrophysical Journal</i> , 2000, 545, 1084-1088.	4.5	9
84	Energy and Mass Supply in the Decay Phase of Long-Duration Solar Flare Events. <i>Astrophysical Journal</i> , 2002, 567, L85-L87.	4.5	9
85	Radio, X-ray, and optical observations of the flare of June 13, 1980, at 6h22m UT. <i>Solar Physics</i> , 1983, 88, 315-327.	2.5	8
86	Is the chromosphere hotter in coronal holes?. , 1999, , .		8
87	On coronal streamer changes. <i>Advances in Space Research</i> , 2004, 33, 676-680.	2.6	8
88	Science of the X-ray Sun: The X-ray telescope on Solar-B. <i>Advances in Space Research</i> , 2005, 36, 1489-1493.	2.6	8
89	PLASMA UPFLOWS AND MICROWAVE EMISSION IN HOT SUPRA-ARCADE STRUCTURE ASSOCIATED WITH AN M1.6 LIMB FLARE. <i>Astrophysical Journal</i> , 2014, 785, 106.	4.5	8
90	Reduced Coronal Emission Above Large Isolated Sunspots. <i>Solar Physics</i> , 2015, 290, 21-35.	2.5	8

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91	Height measurements of S-components. <i>Astrophysics and Space Science</i> , 1986, 119, 21-25.	1.4	7
92	Thermal and nonthermal flare emission observed with the Nobeyama Radio Heliograph. <i>Space Science Reviews</i> , 1994, 68, 217-224.	8.1	7
93	An On-Orbit Determination of the On-Axis Point Spread Function of the Hinode X-Ray Telescope. <i>Publication of the Astronomical Society of Japan</i> , 2007, 59, S853-S855.	2.5	7
94	Long-Term Oscillations of Sunspots from Simultaneous Observations with the Nobeyama Radioheliograph and Solar Dynamics Observatory. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, S12.	2.5	7
95	Evolution of the Source of Quasi-Periodic Microwave Pulsations in a Single Flaring Loop. <i>Publication of the Astronomical Society of Japan</i> , 2013, 65, S3.	2.5	7
96	A Radio Study of the Evolution of Spatial Structure of an Active Region and Flare Productivity. <i>Astrophysical Journal, Supplement Series</i> , 2001, 133, 467-482.	7.7	7
97	Analysis of quasi-periodic oscillations of position and brightness of details of the radio sources of the solar active regions based on observations made with the radio heliograph Nobeyama. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 245-246.	0.0	6
98	Microwave Observation of Eruptive Solar Events with and without Flare Activity. <i>Astrophysical Journal</i> , 2000, 533, 557-567.	4.5	6
99	Energy transport and dynamics. <i>Solar Physics</i> , 1994, 153, 55-72.	2.5	5
100	Long period oscillations of microwave emission of solar active regions: observations with NoRH and SSRT. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 155-157.	0.0	5
101	Depressed Emission between Magnetic Arcades near a Sunspot. <i>Open Astronomy</i> , 2016, 25, .	0.6	5
102	<title>High-resolution grazing incidence telescope for the Solar-B observatory</title>. , 2000, , .		3
103	Solar microwave large-scale bright structures observed with the Nobeyama Radioheliograph. <i>Advances in Space Research</i> , 2000, 25, 1901-1904.	2.6	3
104	Electron Spatial Distribution in Microwave Flaring Loops. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	3
105	A Statistical Study of Microwave Flare Morphologies. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	3
106	Vertical Temperature Structures of the Solar Corona Derived with the Hinode X-Ray Telescope. <i>Publication of the Astronomical Society of Japan</i> , 2008, 60, 827-834.	2.5	3
107	Long-period oscillations of sunspots according to simultaneous ground-based and space observations. <i>Geomagnetism and Aeronomy</i> , 2013, 53, 909-912.	0.8	3
108	Microwave observations of a large-scale coronal wave with the Nobeyama radioheliograph. <i>Astronomy and Astrophysics</i> , 2016, 593, A102.	5.1	3

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109	A study of development of global solar activity in the 23rd solar cycle based on radio observations with the Nobeyama radio heliograph. <i>Astronomy and Astrophysics</i> , 2002, 389, 624-628.	5.1	3
110	Detection of Microwave Emission from Coronal X-Ray Jets. <i>Astrophysical Journal</i> , 1997, 491, L121-L124.	4.5	3
111	On the spatial directivity of solar radio bursts. <i>Solar Physics</i> , 1996, 167, 349-355.	2.5	2
112	Solar Cycle Indices from the Photosphere to the Corona: Measurements and Underlying Physics. <i>Space Sciences Series of ISSI</i> , 2015, , 105-135.	0.0	2
113	Solar vector magnetograms of the Okayama Astrophysical Observatory. <i>Astrophysics and Space Science</i> , 1986, 118, 163-167.	1.4	1
114	Title is missing!. <i>Solar Physics</i> , 1998, 183, 389-405.	2.5	1
115	Focal plane CCD camera for the X-Ray Telescope (XRT) aboard SOLAR-B. , 2004, , .		1
116	Observations of a Post-Eruptive Arcade on October 22, 2001 with CORONAS-F, other Spaceborne Telescopes, and in Microwaves. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 108-109.	0.0	1
117	Isolated Sunspot with a Dark Patch in the Coronal Emission. <i>Open Astronomy</i> , 2012, 21, .	0.6	1
118	Comparative Study of Microwave Polar Brightening, Coronal Holes, and Solar Wind over the Solar Poles. <i>Solar Physics</i> , 2019, 294, 1.	2.5	1
119	Multi-Wavelength Imaging of Solar Plasma - High-Beta Disruption Model of Solar Flares -. <i>Plasma and Fusion Research</i> , 2007, 2, S1012-S1012.	0.7	1
120	The SOLAR-A Hard X-ray Telescope (HXT). <i>Advances in Space Research</i> , 1991, 11, 81-84.	2.6	0
121	Microwave imaging observation of an electron stream in a solar flare. <i>Advances in Space Research</i> , 2003, 32, 2517-2520.	2.6	0
122	A new solar flare scenario: - High-beta plasma disruption -. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 485-486.	0.0	0
123	Observations of sausage mode oscillations in a flaring loop. <i>Proceedings of the International Astronomical Union</i> , 2004, 2004, 647-648.	0.0	0
124	MHD-Oscillation Modes of a Flaring Loop Using Microwave Observations With High Spatial Resolution. <i>AIP Conference Proceedings</i> , 2006, , .	0.4	0
125	A comparison of parameters of 3-minute and 5-minute oscillations in sunspots from synchronous microwave and optical observations. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 95-99.	0.0	0
126	Dynamics of microwave brightness distribution in the giant 24 August 2002 flare loop. <i>Proceedings of the International Astronomical Union</i> , 2008, 4, 345-347.	0.0	0

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127	Height Measurements of S-Components. , 1986, , 21-25.		0