

Nancy S Brickhouse

List of Publications by Year in descending order

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42
papers

2,435
citations

567281

15
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477307

29
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43
all docs

43
docs citations

43
times ranked

2656
citing authors

#	ARTICLE	IF	CITATIONS
1	Collisional Plasma Models with APEC/APED: Emission-Line Diagnostics of Hydrogen-like and Helium-like Ions. <i>Astrophysical Journal</i> , 2001, 556, L91-L95.	4.5	1,609
2	A CHANDRASEKHAR MASS PROGENITOR FOR THE TYPE Ia SUPERNOVA REMNANT 3C 397 FROM THE ENHANCED ABUNDANCES OF NICKEL AND MANGANESE. <i>Astrophysical Journal Letters</i> , 2015, 801, L31.	8.3	103
3	Enhanced Noble Gases in the Coronae of Active Stars. <i>Astrophysical Journal</i> , 2001, 548, L81-L85.	4.5	86
4	Mass and energy flow near sunspots. <i>Solar Physics</i> , 1988, 115, 43-60.	2.5	78
5	Modeling the Neix Triplet Spectral Region of Capella with the Chandra and XMM-Newton Gratings. <i>Astrophysical Journal</i> , 2003, 598, 1277-1289.	4.5	75
6	Chandra, EUVE, HST, and VLA Multiwavelength Campaign on HR 1099: Instrumental Capabilities, Data Reduction, and Initial Results. <i>Astrophysical Journal</i> , 2001, 549, 554-577.	4.5	68
7	RESOLVING THE ORIGIN OF THE DIFFUSE SOFT X-RAY BACKGROUND. <i>Astrophysical Journal</i> , 2014, 787, 77.	4.5	53
8	NEW EVIDENCE FOR EFFICIENT COLLISIONLESS HEATING OF ELECTRONS AT THE REVERSE SHOCK OF A YOUNG SUPERNOVA REMNANT. <i>Astrophysical Journal</i> , 2014, 780, 136.	4.5	53
9	HIGH-RESOLUTION LABORATORY MEASUREMENTS OF CORONAL LINES IN THE 198-218 Å... REGION. <i>Astrophysical Journal</i> , 2014, 788, 25.	4.5	48
10	High Minor Ion Outflow Speeds in the Inner Corona and Observed Ion Charge States in Interplanetary Space. <i>Astrophysical Journal</i> , 1998, 498, 448-457.	4.5	43
11	Dissecting the EUV Spectrum of Capella. , 1996, , 105-112.		33
12	HIGH-RESOLUTION LABORATORY SPECTRA ON THE λ 131 CHANNEL OF THE AIA INSTRUMENT ON BOARD THE SOLAR DYNAMICS OBSERVATORY. <i>Astrophysical Journal, Supplement Series</i> , 2014, 211, 14.	7.7	31
13	HIGH-RESOLUTION LABORATORY SPECTRA OF THE λ 193 CHANNEL OF THE ATMOSPHERIC IMAGING ASSEMBLY INSTRUMENT ON BOARD SOLAR DYNAMICS OBSERVATORY. <i>Astrophysical Journal, Supplement Series</i> , 2014, 215, 6.	7.7	29
14	Atomic processes in astrophysics. <i>Astrophysics and Space Science</i> , 1996, 237, 321-340.	1.4	22
15	Atomic Data Needs for Understanding X-ray Astrophysical Plasmas. <i>Advances in Atomic, Molecular and Optical Physics</i> , 2014, 63, 271-321.	2.3	22
16	A NEW CALCULATION OF Ne IX LINE DIAGNOSTICS. <i>Astrophysical Journal</i> , 2009, 700, 679-683.	4.5	15
17	Low-density laboratory spectra near the He λ 304 line. <i>Astronomy and Astrophysics</i> , 2016, 586, A115.	5.1	11
18	Measurements of linear polarization of satellite transitions from Li- and Be-like Ar ions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2020, 53, 145004.	1.5	10

#	ARTICLE	IF	CITATIONS
19	The High-Excitation Planetary Nebula NGC 246. II. <i>FUSE</i> and <i>Chandra</i> Observations. <i>Astrophysical Journal</i> , 2007, 670, 442-448.	4.5	9
20	Proposed mission concept for the Astrophysical Plasmadynamic Explorer (APEX): an EUV high-resolution spectroscopic SMEX. , 2003, , .		6
21	The O vi Mystery: Mismatch between X-Ray and UV Column Densities. <i>Astrophysical Journal Letters</i> , 2017, 851, L7.	8.3	6
22	EUV spectroscopy of stellar coronae. <i>AIP Conference Proceedings</i> , 1996, , .	0.4	5
23	AtomDB: Atomic data for X-ray astronomy. <i>AIP Conference Proceedings</i> , 2013, , .	0.4	5
24	O 7774 A diagnostic for quiescent prominences. <i>Astrophysical Journal</i> , 1987, 313, 463.	4.5	5
25	Dissecting the EUV Spectrum of Capella. <i>International Astronomical Union Colloquium</i> , 1996, 152, 105-112.	0.1	2
26	Data for non equilibrium modeling with AtomDB. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
27	Demonstrating the limitations of line ratio temperature diagnostic using Fe X and Fe XIV spectral line intensity observations. <i>AIP Conference Proceedings</i> , 1996, , .	0.4	1
28	<i>XBSS: the X-Ray Background Spectroscopic Survey</i> . , 1997, , .		1
29	Atomic Data Needs for X-ray Astronomy. <i>Highlights of Astronomy</i> , 2002, 12, 82-83.	0.0	1
30	Spectral Modeling with APEC. <i>Highlights of Astronomy</i> , 2005, 13, 651-652.	0.0	1
31	The Role of Atomic Physics in Understanding Physical Processes in High Energy Astrophysics. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	1
32	Exploring the temperature structure of coronal holes with a novel combination of visible Fe lines. <i>AIP Conference Proceedings</i> , 1996, , .	0.4	0
33	Interdependence of solar wind models and solar wind observations. <i>AIP Conference Proceedings</i> , 1997, , .	0.4	0
34	The chandra emission line project. <i>AIP Conference Proceedings</i> , 2000, , .	0.4	0
35	Quantitative analysis of coronal x-ray spectra at high resolution. , 2003, 4851, 69.		0
36	Structures of Binary Star Coronae. <i>Symposium - International Astronomical Union</i> , 2004, 219, 199-210.	0.1	0

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37	The Astrophysical Plasma Emission Database: Progress and Plans. Highlights of Astronomy, 2005, 13, 666-667.	0.0	0
38	Astrophysics at X-Ray Spectral Resolution 1000. Highlights of Astronomy, 2005, 13, 787-789.	0.0	0
39	Diagnostics on the Location and Structure of Seyfert Warm Absorbers. , 2005, , .		0
40	Magnetic accretion onto young stars. Astrophysics and Space Science, 2011, 336, 75-79.	1.4	0
41	Atomic Processes in Astrophysics. , 1996, , 321-340.		0
42	An <i>Arcus</i> view of stellar space weather. Astronomische Nachrichten, 0, , .	1.2	0