

# Ruediger Staubert

## List of Publications by Year in descending order

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61  
papers

1,540  
citations

304743

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h-index

315739

38  
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61  
docs citations

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times ranked

870  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Broadband X-Ray View of the Precessing Accretion Disk and Pre-eclipse Dip in the Pulsar Her X-1 with NuSTAR and XMM-Newton. <i>Astrophysical Journal</i> , 2021, 909, 186.	4.5	10
2	Luminosity Dependence of the Cyclotron Line Energy in 1A 0535+262 Observed by Insight-HXMT during the 2020 Giant Outburst. <i>Astrophysical Journal Letters</i> , 2021, 917, L38.	8.3	25
3	Modelling of 35-d superorbital cycle of B and V light curves of IMXB HZ Her/Her X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1747-1757.	4.4	4
4	Cyclotron line energy in Hercules X-1: stable after the decay. <i>Astronomy and Astrophysics</i> , 2020, 642, A196.	5.1	14
5	The First NuSTAR Observation of 4U 1538+522: Updated Orbital Ephemeris and a Strengthened Case for an Evolving Cyclotron Line Energy. <i>Astrophysical Journal</i> , 2019, 873, 62.	4.5	14
6	Advances in Understanding High-Mass X-ray Binaries with INTEGRAL and Future Directions. <i>New Astronomy Reviews</i> , 2019, 86, 101546.	12.8	43
7	Accretion processes in astrophysics. <i>Physics-Usppekhi</i> , 2019, 62, 1126-1135.	2.2	5
8	Discovery and modelling of a flattening of the positive cyclotron line/luminosity relation in GX 304+1 with RXTE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2752-2779.	4.4	31
9	A precessing Be disc as a possible model for occultation events in GX 304+1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 471, 1553-1564.	4.4	7
10	Revealing the broad iron K $\alpha$ line in Cygnus X-1 through simultaneous XMM-Newton, RXTE, and INTEGRAL observations. <i>Astronomy and Astrophysics</i> , 2016, 589, A14.	5.1	28
11	Evidence for an evolving cyclotron line energy in 4U 1538+522. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2745-2761.	4.4	14
12	THE GOODNESS OF SIMULTANEOUS FITS IN ISIS. <i>Acta Polytechnica</i> , 2016, 56, 41.	0.6	8
13	Pulse-to-pulse variations in accreting X-ray pulsars. <i>EPJ Web of Conferences</i> , 2014, 64, 06012.	0.3	1
14	Luminosity dependent accretion state change in GRO J1008+57. <i>EPJ Web of Conferences</i> , 2014, 64, 06003.	0.3	3
15	A DOUBLE-PEAKED OUTBURST OF A 0535+26 OBSERVED WITH INTEGRAL, RXTE, AND SUZAKU. <i>Astrophysical Journal Letters</i> , 2013, 764, L23.	8.3	30
16	Variable neutron star free precession in Hercules X-1 from evolution of RXTE X-ray pulse profiles with phase of the 35-d cycle. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 1147-1164.	4.4	32
17	THE SMOOTH CYCLOTRON LINE IN HER X-1 AS SEEN WITH NUCLEAR SPECTROSCOPIC TELESCOPE ARRAY. <i>Astrophysical Journal</i> , 2013, 779, 69.	4.5	54
18	SUZAKU OBSERVATIONS OF THE HMXB 1A 1118+61. <i>Astrophysical Journal</i> , 2011, 733, 15.	4.5	25

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19	Clumps in the stellar wind of Vela X-1. , 2010, , .		0
20	EPISODIC RANDOM ACCRETION AND THE COSMOLOGICAL EVOLUTION OF SUPERMASSIVE BLACK HOLE SPINS. Astrophysical Journal, 2009, 697, L141-L144.	4.5	58
21	INTEGRALandRXTEObservations of Centaurus A. Astrophysical Journal, 2006, 641, 801-821.	4.5	26
22	Cyclotron features in X-ray spectra of accreting pulsars. Advances in Space Research, 2006, 38, 2747-2751.	2.6	32
23	Observational manifestations of the change in the tilt of the accretion disk to the orbital plane in her X-1/HZ her with phase of its 35-day period. Astronomy Letters, 2006, 32, 804-815.	1.0	23
24	Phase resolved study of the CRSF in MX 0656-072. Advances in Space Research, 2006, 38, 2768-2770.	2.6	0
25	RXTE Discovery of Multiple Cyclotron Lines during the 2004 December Outburst of V0332+53. Astrophysical Journal, 2005, 634, L97-L100.	4.5	61
26	Discovery and Monitoring of a Broad Iron Line Complex in GRO J1655-40 by RXTE. AIP Conference Proceedings, 2004, , .	0.4	0
27	On the deep minimum state in the Seyfert galaxy MCGâˆ’6-30-15. Monthly Notices of the Royal Astronomical Society, 2004, 349, 1153-1166.	4.4	40
28	MIRAX: a Brazilian X-ray astronomy satellite mission. Advances in Space Research, 2004, 34, 2657-2661.	2.6	11
29	Event preprocessor for the CdZnTe-strip detector on MIRAX. , 2004, , .		0
30	MIRAX: the galactic bulge transient monitor mission. , 2004, 5488, 956.		0
31	XMM-Newton observation of the Marano Field. Astronomische Nachrichten, 2003, 324, 136-136.	1.2	2
32	Magnetic Fields of Accreting X-ray pulsars. Research in Astronomy and Astrophysics, 2003, 3, 270-280.	1.1	7
33	Proposal to do fast x-ray timing with XEUS. , 2003, , .		2
34	High-time resolution spectroscopy with XMM-Newton and XEUS. , 2003, 4851, 801.		1
35	MIRAX: a hard X-ray imaging mission. , 2003, , .		0
36	Magnetic Fields of Accreting Xâ€™Ray Pulsars with theRossi Xâ€™Ray Timing Explorer. Astrophysical Journal, 2002, 580, 394-412.	4.5	275

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37	The Accretion Rates and Spectral Energy Distributions of BL Lacertae Objects. <i>Astrophysical Journal</i> , 2002, 579, 554-559.	4.5	36
38	Discovery of a Cyclotron Resonance Scattering Feature in the X-Ray Spectrum of XTE J1946+274. <i>Astrophysical Journal</i> , 2001, 563, L35-L39.	4.5	30
39	Discovery of a Cyclotron Resonant Scattering Feature in the Rossi X-ray Timing Explorer Spectrum of 4U 0352+309 (X Persei). <i>Astrophysical Journal</i> , 2001, 552, 738-747.	4.5	57
40	Cygnus X-1 from RXTE: monitoring the short term variability. <i>Advances in Space Research</i> , 2001, 28, 493-498.	2.6	1
41	XMM-EPIC observation of MCG-6-30-15: direct evidence for the extraction of energy from a spinning black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 328, L27-L31.	4.4	283
42	Future X-Ray Timing Missions. <i>Astrophysics and Space Science</i> , 2001, 276, 305-312.	1.4	4
43	Stability of the Cyclotron Resonance Scattering Feature in Hercules X-ray with RXTE. <i>Astrophysical Journal</i> , 2001, 562, 499-507.	4.5	34
44	Quasi-periodic Oscillation in Seyfert Galaxies: Significance Levels. The Case of Markarian 766. <i>Astrophysical Journal</i> , 2001, 562, L121-L124.	4.5	49
45	<title>Description of the FAR-XITE (Fine Angular Resolution X-ray Imaging Telescope, "far-sight") optics and science objectives: an update</title>. , 2000, , .		0
46	Effect of low-energy protons on the performance of the EPIC pn-CCD detector on XMM-Newton. , 2000, 4140, 32.		10
47	The 1999 Hercules X-ray Anomalous Low State. <i>Astrophysical Journal</i> , 2000, 543, 351-358.	4.5	33
48	<title>In-orbit performance of the EPIC-PN CCD camera on board XMM-Newton</title>. , 2000, , .		3
49	Discovery of a Third Harmonic Cyclotron Resonance Scattering Feature in the X-Ray Spectrum of 4U 0115+63. <i>Astrophysical Journal</i> , 1999, 521, L49-L53.	4.5	70
50	<title>Actively shielded CZT focal plane detectors for the Fine Angular Resolution X-ray Imaging Telescope (FAR_XITE)</title>. , 1999, , .		0
51	<title>Operational aspects of the pn-CCD camera for XMM and ABRIXAS</title>. , 1999, , .		3
52	<title>Description of the FAR_XITE (fine-angular-resolution x-ray imaging telescope, "far-sight") optics and science objectives</title>. , 1999, 3766, 221.		0
53	<title>Calibration and preliminary results on the performance of the XMM EPIC PN camera: timing modes</title>. , 1998, , .		1
54	6 x 6-cm fully depleted pn-junction CCD for high-resolution spectroscopy in the 0.1- to 15-keV photon energy range. , 1998, , .		1

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55	<title>PN-CCD camera for XMM: performance of high time resolution/bright source operating modes</title>. , 1997, , .		7
56	<title>PN-CCD detector for the European photon imaging camera on XMM</title>. , 1996, , .		8
57	<title>Imager onboard INTEGRAL</title>. , 1996, , .		12
58	<title>Progress with PN-CCDs for the XMM satellite mission</title>. , 1991, , .		1
59	European Photon Imaging Camera for x-ray astronomy. , 1990, 1344, 144.		11
60	Monitoring the Short-Term Variability of Cyg X-1. , 0, , 133-134.		0
61	RXTE Monitoring of LMC X-3. , 0, , 131-132.		0