

Tariq Shahbaz

List of Publications by Year in descending order

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128
papers

3,998
citations

108046

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128
all docs

128
docs citations

128
times ranked

2492
citing authors

#	ARTICLE	IF	CITATIONS
1	The peculiar chemical abundance of the transitional millisecond pulsar PSR J1023+0038 – Li enhancement. Monthly Notices of the Royal Astronomical Society, 2022, 513, 71-89.	1.6	5
2	A Multiwavelength Study of GRS 1716-249 in Outburst: Constraints on Its System Parameters. Astrophysical Journal, 2022, 932, 38.	1.6	9
3	The evolution of rapid optical/X-ray timing correlations in the initial hard state of MAXI J1820+070. Monthly Notices of the Royal Astronomical Society, 2021, 505, 3452-3469.	1.6	13
4	Optical photometry of two transitional millisecond pulsars in the radio pulsar state. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2174-2191.	1.6	8
5	HiPERCAM: a quintuple-beam, high-speed optical imager on the 10.4-m Gran Telescopio Canarias. Monthly Notices of the Royal Astronomical Society, 2021, 507, 350-366.	1.6	30
6	The intermediate polar cataclysmic variable GK Persei 120 years after the nova explosion: a first dynamical mass study. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5805-5819.	1.6	9
7	EX draconis: using eclipses to separate outside-in and inside-out outbursts. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4656-4664.	1.6	5
8	When the discs away, the stars will play: dynamical masses in the nova-like variable KR Aur with a pinch of accretion. Monthly Notices of the Royal Astronomical Society, 2020, 494, 425-441.	1.6	11
9	Probing Jet Launching in Neutron Star X-Ray Binaries: The Variable and Polarized Jet of SAX J1808.4-3658. Astrophysical Journal, 2020, 905, 87.	1.6	5
10	A black hole X-ray binary at ~ 100 Hz: multiwavelength timing of MAXI J1820+070 with HiPERCAM and NICER. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 490, L62-L66.	1.2	27
11	The binary millisecond pulsar PSR J1023+0038 – II. Optical spectroscopy. Monthly Notices of the Royal Astronomical Society, 2019, 488, 198-212.	1.6	10
12	Polarimetry of Binary Systems: Polars, Magnetic CVs, XRBs. Astrophysics and Space Science Library, 2019, , 247-276.	1.0	5
13	A Wildly Flickering Jet in the Black Hole X-Ray Binary MAXI J1535-571. Astrophysical Journal, 2018, 867, 114.	1.6	20
14	Evidence for hot clumpy accretion flow in the transitional millisecond pulsar PSR J1023+0038. Monthly Notices of the Royal Astronomical Society, 2018, 477, 566-577.	1.6	16
15	The long-term optical evolution of the black hole candidate MAXI J1659-152. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1036-1045.	1.6	7
16	Peering into the Dark Side: Magnesium Lines Establish a Massive Neutron Star in PSR J2215+5135. Astrophysical Journal, 2018, 859, 54.	1.6	226
17	First light with HiPERCAM on the GTC. , 2018, , .		13
18	Paving the way to simultaneous multi-wavelength astronomy. New Astronomy Reviews, 2017, 79, 26-48.	5.2	11

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19	A millisecond pulsar candidate in a 21-h orbit: 3FGL J0212.1+5320. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4602-4610.	1.6	19
20	Properties of the redback millisecond pulsar binary 3FGL J0212.1+5320. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4287-4296.	1.6	20
21	Polarized synchrotron emission in quiescent black hole X-ray transients. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2680-2689.	1.6	17
22	Evidence for magnetic field compression in shocks within the jet of V404 Cyg. Monthly Notices of the Royal Astronomical Society, 2016, 463, 1822-1830.	1.6	33
23	Roche tomography of cataclysmic variables â€“ VII. The long-term magnetic activity of AE Aqr. Monthly Notices of the Royal Astronomical Society, 2016, 459, 1858-1874.	1.6	7
24	Furiously fast and red: sub-second optical flaring in V404 Cyg during the 2015 outburst peak. Monthly Notices of the Royal Astronomical Society, 2016, 459, 554-572.	1.6	52
25	The binary millisecond pulsar PSR J1023+0038 during its accretion state â€“ I. Optical variability. Monthly Notices of the Royal Astronomical Society, 2015, 453, 3462-3474.	1.6	35
26	Dynamical masses of a nova-like variable on the edge of the period gap. Monthly Notices of the Royal Astronomical Society, 2015, 452, 146-157.	1.6	16
27	Swift J1357.2âˆ’0933: a massive black hole in the Galactic thick disc. Monthly Notices of the Royal Astronomical Society, 2015, 454, 2199-2204.	1.6	48
28	Polarimetric and spectroscopic optical observations of the ultra-compact X-ray binary 4U 0614+091. Astronomy and Astrophysics, 2014, 572, A99.	2.1	18
29	The multiwavelength polarization of Cygnus Xâ€“1. Monthly Notices of the Royal Astronomical Society, 2014, 438, 2083-2096.	1.6	36
30	Saharan mineral dust outbreaks observed over the North Atlantic island of La Palma in summertime between 1984 and 2012. Quarterly Journal of the Royal Meteorological Society, 2014, 140, 1058-1068.	1.0	10
31	Roche tomography of cataclysmic variables â€“ VI. Differential rotation of AE Aqr â€“ not tidally locked!. Monthly Notices of the Royal Astronomical Society, 2014, 444, 192-207.	1.6	17
32	Stellar occultation by (119951) 2002 KX ₁₄ on April 26, 2012. Astronomy and Astrophysics, 2014, 571, A48.	2.1	18
33	Satellite-Detected Carbon Monoxide Pollution during 2000â€“2012: Examining Global Trends and also Regional Anthropogenic Periods over China, the EU and the USA. Climate, 2014, 2, 1-16.	1.2	4
34	The spotty donor star in the X-ray transient Cen Xâˆ’4. Monthly Notices of the Royal Astronomical Society, 2014, 440, 504-513.	1.6	24
35	Evidence for quiescent synchrotron emission in the black hole X-ray transient Swift J1357.2âˆ’0933. Monthly Notices of the Royal Astronomical Society, 2013, 434, 2696-2706.	1.6	69
36	AN EVOLVING COMPACT JET IN THE BLACK HOLE X-RAY BINARY MAXI J1836â€“194. Astrophysical Journal Letters, 2013, 768, L35.	3.0	65

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37	A Black Hole Nova Obscured by an Inner Disk Torus. <i>Science</i> , 2013, 339, 1048-1051.	6.0	86
38	Jet spectral breaks in black hole X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 429, 815-832.	1.6	99
39	Polarimetric observations of the innermost regions of relativistic jets in X-ray binaries. <i>EPJ Web of Conferences</i> , 2013, 61, 01006.	0.1	0
40	Evidence for quiescent synchrotron emission in the black hole X-ray transient Swift J1357.2â€‘0933. <i>EPJ Web of Conferences</i> , 2013, 61, 03007.	0.1	0
41	Examining a solarâ€‘climate link in diurnal temperature ranges. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	2
42	High time resolution optical/X-ray cross-correlations for X-ray binaries: anticorrelations and rapid variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 410, 2329-2338.	1.6	29
43	Evidence for a black hole in the X-ray transient XTEJ1859+226. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2011, 413, L15-L19.	1.2	49
44	Searching for flickering statistics in T CrB. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2567-2574.	1.6	19
45	Observations of the quiescent X-ray transients GRS 1124-684 (=GUâ€‘fMus) and Cen X-4 (=V822â€‘fCen) taken with ULTRACAM on the VLT. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 2167-2175.	1.6	17
46	Rapid timing studies of black hole binaries in Optical and X-rays: correlated and non-linear variability. , 2010, , .		0
47	GX 9+9: VARIABILITY OF THE X-RAY ORBITAL MODULATION. <i>Astrophysical Journal</i> , 2009, 696, 1987-1997.	1.6	6
48	Multiwavelength spectral and high time resolution observations of SWIFTâ€‘fJ1753.5â€‘0127: new activity?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 392, 309-324.	1.6	43
49	REFINED ORBITAL SOLUTION AND QUIESCENT VARIABILITY IN THE BLACK HOLE TRANSIENT GS 1354-64 (= BW) Tj ETQq1 1 0.784314	3.0	63
50	Rapid optical and X-ray timing observations of GX 339-4: flux correlations at the onset of a low/hard state. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 390, L29-L33.	1.2	77
51	Optical variability of the ultracool dwarf TVLM 513-46546: evidence for inhomogeneous dust clouds. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2008, 391, L88-L92.	1.2	16
52	Flares from a candidate Galactic magnetar suggest a missing link to dim isolated neutron stars. <i>Nature</i> , 2008, 455, 506-509.	13.7	39
53	Time-Resolved Optical Photometry of the Ultracompact Binary 4U 0614+091. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 848-851.	1.0	34
54	Polarimetric Signatures of Infrared Jets in X-ray Binaries. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0

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55	Swift J1753.5âˆ’0127: The Black Hole Candidate with the Shortest Orbital Period. <i>Astrophysical Journal</i> , 2008, 681, 1458-1463.	1.6	75
56	SWIFT J1753.5-0127: A Surprising Optical/X-Ray Cross-Correlation Function. <i>Astrophysical Journal</i> , 2008, 682, L45-L48.	1.6	52
57	The First Polarimetric Signatures of Infrared Jets in Xâ€ray Binaries. <i>Astrophysical Journal</i> , 2008, 672, 510-515.	1.6	33
58	High-Speed Optical Observations of X-ray Binaries. , 2008, , 37-52.		0
59	The rotational broadening of V395â€Carinae. Implications on the compact object's mass. <i>Astronomy and Astrophysics</i> , 2007, 474, 969-973.	2.1	14
60	Imaging the cool stars in the interacting binaries AE Aqr, BV Cen and V426 Oph. <i>Astronomische Nachrichten</i> , 2007, 328, 813-816.	0.6	10
61	On the ultracompact nature of 4U 1822âˆ’000. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 1886-1888.	1.6	7
62	A logâ€NHâ€= 22.6 Damped LyÏ± Absorber in a Dark Gammaâ€Ray Burst: The Environment of GRB 050401. <i>Astrophysical Journal</i> , 2006, 652, 1011-1019.	1.6	107
63	Roche tomography of cataclysmic variables - III. Star-spots on AE Aqr. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 637-650.	1.6	34
64	Observations of ultracool dwarfs with ULTRACAM on the VLT: a search for weatherâˆ’.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1208-1212.	1.6	14
65	The 2005 Outburst of the Halo Black Hole Xâ€Ray Transient XTE J1118+480. <i>Astrophysical Journal</i> , 2006, 644, 432-438.	1.6	31
66	ULTRACAM observations of the black hole X-ray transient XTE J1118+480 in quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 975-982.	1.6	26
67	Long-Term Variability in the Quiescent X-Ray Transient V404 CYG. <i>International Astronomical Union Colloquium</i> , 2004, 194, 221-221.	0.1	0
68	Multicolour observations of V404 Cyg and J1118+480 with ULTRACAM. <i>AIP Conference Proceedings</i> , 2004, , .	0.3	0
69	The non-radially pulsating primary of the cataclysmic variable GW Librae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, 307-316.	1.6	58
70	Long-term optical/infrared variability in the quiescent X-ray transient V404 Cyg. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 352, 877-886.	1.6	15
71	Optical spectroscopy of flares from the black hole X-ray transient A0620-00 in quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 354, 31-42.	1.6	27
72	Evidence of a Black Hole in the X-Ray Transient GS 1354-64 (=BW Circini). <i>Astrophysical Journal</i> , 2004, 613, L133-L136.	1.6	45

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73	Correlated X-Ray and Optical Variability in V404 Cygni in Quiescence. <i>Astrophysical Journal</i> , 2004, 611, L125-L128.	1.6	61
74	The Massive Neutron Star or Low-Mass Black Hole in 2S 0921-630. <i>Astrophysical Journal</i> , 2004, 616, L123-L126.	1.6	27
75	Determining the spectroscopic mass ratio in interacting binaries: application to X-Ray Nova Sco 1994. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 339, 1031-1040.	1.6	42
76	Fast photometry of quiescent soft X-ray transients with the Acquisition Camera on Gemini-South. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, 447-456.	1.6	41
77	Spectroscopic identification of the infrared counterpart to GX5-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 340, L13-L16.	1.6	7
78	Optical and near-infrared observations of the microquasar V4641 Sgr during the 1999 September outburst. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 343, 169-174.	1.6	24
79	Multicolour observations of V404 Cyg with ULTRACAM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 346, 1116-1124.	1.6	40
80	The Optical Light Curves of XTE J2123+058. III. The Mass of the Binary Components and the Structure of the Quiescent Accretion Disk. <i>Astrophysical Journal</i> , 2003, 585, 443-452.	1.6	28
81	Evidence for Optical Flares in Quiescent Soft X-ray Transients. <i>Astrophysical Journal</i> , 2003, 582, 369-381.	1.6	72
82	VLT spectroscopy of XTE J2123+058 during quiescence: the masses of the two components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 29-36.	1.6	31
83	Detection of superhumps in XTE J1118+480 approaching quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 333, 791-799.	1.6	67
84	The X-ray transient XTE J1859 + 226 in outburst and quiescence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 334, 999-1008.	1.6	54
85	XMM-Newton detection of Nova Muscae 1991 in quiescence. <i>Astronomy and Astrophysics</i> , 2002, 391, 993-997.	2.1	16
86	Infrared Photometric Variability of GX 13+1 and GX 17+2. <i>Astrophysical Journal</i> , 2002, 570, 793-798.	1.6	13
87	The Optical Counterpart of the Accreting Millisecond Pulsar SAX J1808.4+3658 in Outburst: Constraints on the Binary Inclination. <i>Astrophysical Journal</i> , 2001, 563, L61-L64.	1.6	46
88	The Halo Black Hole X-ray Transient XTE J1118+480. <i>Astrophysical Journal</i> , 2001, 556, 42-46.	1.6	102
89	Irradiation of the secondary star in X-ray Nova Scorpii 1994 (=GRO J1655-40). <i>AIP Conference Proceedings</i> , 2001, , .	0.3	0
90	Minioutbursts in XTE J1859+226. <i>Astrophysics and Space Science</i> , 2001, 276, 55-56.	0.5	1

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91	VLT optical observations of V821 Ara(=CX339-4) in an extended "off" state. <i>Astronomy and Astrophysics</i> , 2001, 376, L17-L21.	2.1	45
92	Irradiation of the secondary star in X-ray Nova Scorpii 1994 (=GRO J1655-40). <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 747-752.	1.6	24
93	Optical studies of the X-ray transient XTE J2123-058 – I. Photometry. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 316, 137-142.	1.6	23
94	A TiO study of the black hole binary GRO J0422+32 in a very low state. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 317, 528-534.	1.6	43
95	The outburst radial velocity curve of X-ray Nova Scorpii 1994 (= GRO J1655-40): a reduced mass for the black hole?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 304, 839-844.	1.6	31
96	The mass of X-ray Nova Scorpii 1994 (=GRO J1655-40). <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 89-94.	1.6	101
97	Infrared spectroscopy of low-mass X-ray binaries - II. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 417-426.	1.6	82
98	On the abundance of lithium in T Coronae Borealis. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 675-678.	1.6	5
99	Observational evidence for stellar mass black holes. <i>Journal of Astrophysics and Astronomy</i> , 1999, 20, 197-210.	0.4	2
100	Aquila X-1: a low-inclination soft X-ray transient. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, 1004-1008.	1.6	15
101	A new method of determining the inclination angle in interacting binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 298, 153-165.	1.6	32
102	Soft X-ray transient light curves as standard candles: exponential versus linear decays. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 301, 382-388.	1.6	73
103	On the outburst amplitude of the soft X-ray transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, L1-L5.	1.6	29
104	Are Q-stars a serious threat for stellar-mass black hole candidates?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 294, L25-L29.	1.6	11
105	Multiwavelength monitoring of GRS 1915 +105. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, 623-631.	1.6	16
106	On the outburst amplitude of the soft X-ray transients. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, L1.	1.6	18
107	An 'outside-in' outburst of Aql X-1. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 1035-1040.	1.6	24
108	The massive white dwarf in the recurrent nova T CrB. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 288, 1027-1032.	1.6	15

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109	Infrared photometry of Nova Muscae 1991 (= GS 1124 - 68). Monthly Notices of the Royal Astronomical Society, 1997, 285, 607-612.	1.6	38
110	The black hole transient Nova Scorpii 1994 (= GRO J1655 - 40): orbital ephemeris and optical light curve. Monthly Notices of the Royal Astronomical Society, 1997, 286, L43-L49.	1.6	13
111	The mass of the black hole in the low-inclination LMXB transient system GRO J0422 + 32 (= Nova Persei) Tj ETQq1 1.0.784314 rgBT / 37	1.6	37
112	Infrared spectroscopy of low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 1997, 285, 718-724.	1.6	32
113	The Superluminal Source GRS 1915+105: A High-Mass X-Ray Binary?. Astrophysical Journal, 1997, 477, L45-L48.	1.6	32
114	T Pyxidis: The First Short-Period Cataclysmic Variable with a Collimated Jet. Astrophysical Journal, 1997, 484, L59-L62.	1.6	21
115	An atlas of optical continuum and line emission from low-mass X-ray binaries. Monthly Notices of the Royal Astronomical Society, 1996, 282, 1437-1453.	1.6	46
116	An ellipsoidal modulation in X-ray Nova Vela 1993 (= GRS 1009 α 45). Monthly Notices of the Royal Astronomical Society, 1996, 282, L47-L52.	1.6	21
117	Infrared spectroscopy of V404 Cygni: limits on the accretion disc contamination. Monthly Notices of the Royal Astronomical Society, 1996, 282, 977-981.	1.6	32
118	The mass of the black hole in GS 2000 + 25 (= QZ Vul). Monthly Notices of the Royal Astronomical Society, 1996, 281, L1-L4.	1.6	15
119	The system parameters of the polars MR Ser and ST LMi. Monthly Notices of the Royal Astronomical Society, 1996, 282, 362-372.	1.6	12
120	The mass of the black hole in Formula. Monthly Notices of the Royal Astronomical Society, 1994, 268, 756-762.	1.6	72
121	The mass of the black hole in V404 Cygni. Monthly Notices of the Royal Astronomical Society, 1994, 271, L10-L14.	1.6	104
122	Is Formula an eclipsing black-hole binary?. Monthly Notices of the Royal Astronomical Society, 1994, 268, 763-770.	1.6	5
123	An ellipsoidal study of Centaurus X-4. Monthly Notices of the Royal Astronomical Society, 1993, 265, 655-663.	1.6	55
124	Roche tomography of cataclysmic variables - IV. Star-spots and slingshot prominences on BV Cen. Monthly Notices of the Royal Astronomical Society, 0, 382, 1105-1118.	1.6	38
125	Rapid optical and X-ray timing observations of GX 339 ⁺ 4: multicomponent optical variability in the low/hard state. Monthly Notices of the Royal Astronomical Society, 0, 407, 2166-2192.	1.6	95
126	Accretion disks. , 0, , 1-44.		2

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127	Multiwavelength observations of accretion in low-mass X-ray binary systems. , 0 , 117-150.		0
128	Observational characteristics of accretion onto black holes I. , 0 , 184-226.		2