

Pablo Reig

List of Publications by Year in descending order

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123
papers

3,822
citations

117625

34
h-index

155660

55
g-index

125
all docs

125
docs citations

125
times ranked

2435
citing authors

#	ARTICLE	IF	CITATIONS
1	Be/X-ray binaries. <i>Astrophysics and Space Science</i> , 2011, 332, 1-29.	1.4	400
2	The Large Observatory for X-ray Timing (LOFT). <i>Experimental Astronomy</i> , 2012, 34, 415-444.	3.7	168
3	The WEBT BL Lacertae Campaign 2001 and its extension. <i>Astronomy and Astrophysics</i> , 2004, 421, 103-114.	5.1	110
4	Bright radio emission from an ultraluminous stellar-mass microquasar in M 31. <i>Nature</i> , 2013, 493, 187-190.	27.8	108
5	Phase Lag Variability Associated with the 0.5â€“10 Hz Quasi-Periodic Oscillations in GRS 1915+105. <i>Astrophysical Journal</i> , 2000, 541, 883-888.	4.5	100
6	Discovery of two new persistent Be/X-ray pulsar systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 306, 100-106.	4.4	91
7	Patterns of variability in Be/X-ray pulsars during giant outbursts. <i>Astronomy and Astrophysics</i> , 2013, 551, A1.	5.1	91
8	RoboPol: first season rotations of optical polarization plane in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 453, 1669-1683.	4.4	84
9	RoboPol: the optical polarization of gamma-ray-loud and gamma-ray-quiet blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3365-3380.	4.4	73
10	RoboPol: optical polarization-plane rotations and flaring activity in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2252-2262.	4.4	67
11	Orbital X-ray Variability of the Microquasar LS 5039. <i>Astrophysical Journal</i> , 2005, 628, 388-394.	4.5	64
12	Towards an understanding of the Of?p star HD 191612: optical spectroscopy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 381, 433-446.	4.4	62
13	RoboPol: connection between optical polarization plane rotations and gamma-ray flares in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 1296-1306.	4.4	62
14	The RoboPol optical polarization survey of gamma-ray-loud blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1693-1705.	4.4	52
15	Observatory science with eXTP. <i>Science China: Physics, Mechanics and Astronomy</i> , 2019, 62, 1.	5.1	50
16	Spectroscopic observations of the Î Scorpii binary during its recent periastron passage. <i>Astronomy and Astrophysics</i> , 2001, 377, 485-495.	5.1	48
17	A jet model for Galactic black-hole X-ray sources: some constraining correlations. <i>Astronomy and Astrophysics</i> , 2008, 489, 481-487.	5.1	48
18	Identification of the optical counterparts of high-mass X-ray binaries through optical photometry and spectroscopy. <i>Astronomy and Astrophysics</i> , 2005, 440, 637-646.	5.1	47

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19	CORRELATED X-RAY AND VERY HIGH ENERGY EMISSION IN THE GAMMA-RAY BINARY LS I +61 303. <i>Astrophysical Journal</i> , 2009, 706, L27-L32.	4.5	47
20	The RoboPol pipeline and control system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 1706-1717.	4.4	46
21	Time lags of the type-B quasi-periodic oscillation in MAXI J1348+630. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 4366-4371.	4.4	45
22	Energy and time-lag spectra of galactic black-hole X-ray sources in the low/hard state. <i>Astronomy and Astrophysics</i> , 2003, 403, L15-L18.	5.1	45
23	Long-term optical/IR variability of the Be/X-ray binary LS V +44 17/RX J0440.9+4431. <i>Astronomy and Astrophysics</i> , 2005, 440, 1079-1086.	5.1	43
24	Accreting magnetars: a new type of high-mass X-ray binaries?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 595-604.	4.4	43
25	Advances in Understanding High-Mass X-ray Binaries with INTEGRAL and Future Directions. <i>New Astronomy Reviews</i> , 2019, 86, 101546.	12.8	43
26	The Be/X-ray transient 4U 0115+63/V635 Cassiopeiae. <i>Astronomy and Astrophysics</i> , 2007, 462, 1081-1089.	5.1	42
27	<i>RoboPol</i> : do optical polarization rotations occur in all blazars?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1775-1785.	4.4	38
28	On the radio emitting high mass X-ray binary LS 5039. <i>Astronomy and Astrophysics</i> , 2001, 376, 476-483.	5.1	38
29	Multiwavelength monitoring of BD +53°2790, the optical counterpart to 4U 2206+54. <i>Astronomy and Astrophysics</i> , 2006, 446, 1095-1105.	5.1	38
30	Wind accretion in the massive X-ray binary 4U 2206+54: abnormally slow wind and a moderately eccentric orbit. <i>Astronomy and Astrophysics</i> , 2006, 449, 687-698.	5.1	38
31	Discovery of the optical counterpart to the X-ray pulsar SAX J2103.5+4545. <i>Astronomy and Astrophysics</i> , 2004, 421, 673-680.	5.1	37
32	A 0535+26: back in business. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 447-453.	4.4	36
33	OPTICAL SPECTROSCOPY OF 20 Be/X-RAY BINARIES IN THE SMALL MAGELLANIC CLOUD. <i>Astrophysical Journal</i> , 2009, 707, 1080-1097.	4.5	35
34	Long-term variability of high-mass X-ray binaries. <i>Astronomy and Astrophysics</i> , 2015, 574, A33.	5.1	35
35	Spectroscopic observations of the candidate sgB[e]/X-ray binary CI Camelopardalis. <i>Astronomy and Astrophysics</i> , 2002, 392, 991-1013.	5.1	35
36	Does GRS 1915+105 exhibit "canonical" black-hole states?. <i>Astronomy and Astrophysics</i> , 2003, 412, 229-233.	5.1	35

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37	X-ray spectral properties of the pulsar EXO 2030+375 during an outburst. Monthly Notices of the Royal Astronomical Society, 1999, 302, 700-706.	4.4	34
38	On the nature of the hard X-ray source 4U 2206+54. Astronomy and Astrophysics, 2001, 371, 1056-1064.	5.1	34
39	Comparison of the H β ±circumstellar disks in Be/X-ray binaries and Be stars. Astronomy and Astrophysics, 2001, 367, 884-890.	5.1	34
40	Long-term X-ray variability of the microquasar system LS 5039/RX J1826.2-1450. Astronomy and Astrophysics, 2003, 405, 285-290.	5.1	34
41	Correlated Timing and Spectral Variations of the Soft X-ray Transient Aquila X α 1: Evidence for an Atoll Classification. Astrophysical Journal, 2000, 530, 916-922.	4.5	34
42	Long-term optical variability of high-mass X-ray binaries. Astronomy and Astrophysics, 2016, 590, A122.	5.1	33
43	Timing Properties and Spectral States in Aquila X α 1. Astrophysical Journal, 2004, 602, 918-930.	4.5	32
44	Discovery of slow X-ray pulsations in the high-mass X-ray binary 4U α 2206+54. Astronomy and Astrophysics, 2009, 494, 1073-1082.	5.1	31
45	Multiwavelength observations of the Be/X-ray binary 4U 1145 – 619. Monthly Notices of the Royal Astronomical Society, 1997, 288, 988-994.	4.4	30
46	Optical polarization map of the Polaris Flare with RoboPol. Monthly Notices of the Royal Astronomical Society, 2015, 452, 715-726.	4.4	30
47	RoboPol: a four-channel optical imaging polarimeter. Monthly Notices of the Royal Astronomical Society, 2019, 485, 2355-2366.	4.4	30
48	LOFT: the Large Observatory For X-ray Timing. Proceedings of SPIE, 2012, , .	0.8	29
49	On the relationship between circumstellar disc size and X-ray outbursts in Be/X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2017, 464, 572-585.	4.4	28
50	On the neutron star-disc interaction in Be/X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2007, 377, 867-873.	4.4	27
51	The very massive X-ray bright binary system Wack α 2134 (= WR α 21a) ^{...} . Monthly Notices of the Royal Astronomical Society, 2008, 389, 1447-1452.	4.4	26
52	Rapid spectral and timing variability of Be/X-ray binaries during type α outbursts. Astronomy and Astrophysics, 2008, 489, 725-740.	5.1	26
53	Further evidence for the presence of a neutron star in 4U 2206+54. INTEGRAL and VLA observations. Astronomy and Astrophysics, 2005, 438, 963-972.	5.1	26
54	Luminosity Dependence of the Cyclotron Line Energy in 1A 0535+262 Observed by Insight-HXMT during the 2020 Giant Outburst. Astrophysical Journal Letters, 2021, 917, L38.	8.3	25

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55	RoboPol: AGN polarimetric monitoring data. Monthly Notices of the Royal Astronomical Society, 2021, 501, 3715-3726.	4.4	25
56	The aperiodic variability of Cyg Xâ€“1 and GRS 1915+105 at very low frequencies. Astronomy and Astrophysics, 2002, 383, 202-209.	5.1	24
57	Discovery of a Be/Xâ€“ray Binary Consistent with the Position of GRO J2058+42. Astrophysical Journal, 2005, 622, 1024-1032.	4.5	23
58	Accretion regimes in the X-ray pulsar 4Uâ€“1901+03. Astronomy and Astrophysics, 2016, 594, A45.	5.1	23
59	Correlation of time lag and photon index in GX 339-4. Astronomy and Astrophysics, 2018, 614, L5.	5.1	23
60	Discovery of X-ray pulsations in the Be/X-ray binary LS 992/RX J0812.4–3114. Monthly Notices of the Royal Astronomical Society, 1999, 306, 95-99.	4.4	21
61	The scaling of X-ray variability with luminosity in ultra-luminous X-ray sources. Astronomy and Astrophysics, 2011, 526, A132.	5.1	21
62	The photon-indexâ€“time-lag correlation in black hole X-ray binaries. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4644-4652.	4.4	21
63	A quantitative explanation of the type-B QPOs in GX 339â€“4. Astronomy and Astrophysics, 2020, 640, L16.	5.1	21
64	The Be/X-ray binary LS 992/RX J0812.4-3114: Physical parameters and long-term variability. Astronomy and Astrophysics, 2001, 367, 266-272.	5.1	20
65	Supergiant Fast X-ray Transients and Other Wind Accretors. AIP Conference Proceedings, 2008, , .	0.4	20
66	Full orbital solution for the binary system in the northern Galactic disc microlensing event Gaia16aye. Astronomy and Astrophysics, 2020, 633, A98.	5.1	19
67	The optical counterpart toâ€“IGR J06074+2205: a Be/X-ray binary showing disc loss and <i>V/R</i> variability. Astronomy and Astrophysics, 2010, 522, A107.	5.1	19
68	Bright flares from the X-ray pulsar SWIFT J1626.6â€“5156. Astronomy and Astrophysics, 2008, 485, 797-805.	5.1	18
69	Correlated optical/X-ray variability in the high-mass X-ray binary SAX J2103.5+4545. Monthly Notices of the Royal Astronomical Society, 2010, 401, 55-66.	4.4	18
70	The quiescent state of the accreting X-ray pulsar SAX J2103.5+4545. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1314-1320.	4.4	18
71	A jet model for Galactic black-hole X-ray sources: The correlation between cutoff energy and phase lag. Astronomy and Astrophysics, 2015, 584, A109.	5.1	18
72	Discovery of a quasi-periodic oscillation in the X-ray pulsar 1Aâ€“1118-615: correlated spectral and aperiodic variability. Astronomy and Astrophysics, 2011, 526, A7.	5.1	17

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73	Timing properties of the X-ray pulsar EXO 2030+375 during an X-ray outburst. Monthly Notices of the Royal Astronomical Society, 1998, 294, 118-126.	4.4	16
74	Correlated V/R and infrared photometric variations in the Be/X-ray binary LS I +61° 235/RX J0146.9+6121. Monthly Notices of the Royal Astronomical Society, 2000, 317, 205-210.	4.4	16
75	XIPE: the x-ray imaging polarimetry explorer. , 2016, , .		16
76	Calibration of the Liverpool Telescope RINGO3 polarimeter. Monthly Notices of the Royal Astronomical Society, 2016, 458, 759-771.	4.4	16
77	INTEGRAL long-term monitoring of the supergiant fast X-ray transient XTE J1739-302. Astronomy and Astrophysics, 2008, 489, 669-676.	5.1	16
78	Long-term variability of the Be/X-ray binary EXO 2030+375. Monthly Notices of the Royal Astronomical Society, 1998, 301, 42-48.	4.4	15
79	The SMC X-ray transient XTE J0111.2-7317: a Be/X-ray binary in a supernova remnant?. Monthly Notices of the Royal Astronomical Society, 2000, 314, 290-294.	4.4	14
80	Early-time polarized optical light curve of GRB 131030A. Monthly Notices of the Royal Astronomical Society: Letters, 2014, 445, L114-L118.	3.3	14
81	Fourier-resolved Spectroscopy of 4U 1543+47 during the 2002 Outburst. Astrophysical Journal, 2006, 644, 424-431.	4.5	13
82	Disc-loss episode in the Be shell optical counterpart to the high-mass X-ray binary IGR J21343+4738. Astronomy and Astrophysics, 2014, 561, A137.	5.1	13
83	Inclination effects on the X-ray emission of Galactic black-hole binaries. Astronomy and Astrophysics, 2019, 625, A90.	5.1	13
84	Be stars in open clusters. I. uvby η photometry. Astronomy and Astrophysics, 1996, 119, 271-279.	2.1	13
85	The Absolute Flux Calibration of the UVBY Photometric System. Publications of the Astronomical Society of the Pacific, 1996, 108, 90.	3.1	13
86	The long time-scale X-ray variability of the radio-quiet quasar PG 0804+761. Monthly Notices of the Royal Astronomical Society, 2003, 344, 993-999.	4.4	12
87	Warped disks during type II outbursts in Be/X-ray binaries: evidence from optical polarimetry. Astronomy and Astrophysics, 2018, 619, A19.	5.1	12
88	Optical counterpart to Swift J0243.6+6124. Astronomy and Astrophysics, 2020, 640, A35.	5.1	12
89	The origin of the hard X-ray tail in neutron-star X-ray binaries. Astronomy and Astrophysics, 2016, 591, A24.	5.1	11
90	Illumination of the accretion disk in black hole binaries: An extended jet as the primary source of hard X-rays. Astronomy and Astrophysics, 2021, 646, A112.	5.1	11

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91	Aperiodic variability of low-mass X-ray binaries at very low frequencies. <i>Astronomy and Astrophysics</i> , 2003, 398, 1103-1110.	5.1	11
92	INTEGRAL observations of the peculiar BeX System SAX J2103.5+4545. <i>Astronomy and Astrophysics</i> , 2004, 427, 293-298.	5.1	10
93	Correlated X-ray spectral and timing variability of the Be/X-ray binary V0332+53/BQ Camelopardalis during a type II outburst. <i>Astronomy and Astrophysics</i> , 2006, 449, 703-710.	5.1	10
94	The Large Observatory for x-ray timing. <i>Proceedings of SPIE</i> , 2014, , .	0.8	10
95	Characterizing black hole variability with nonlinear methods: the case of the X-ray Nova 4U1543+47. <i>Astronomy and Astrophysics</i> , 2010, 512, A21.	5.1	10
96	The LOFT mission concept: a status update. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
97	Optical linear polarization of 74 white dwarfs with the RoboPol polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1294-1305.	4.4	9
98	Spectroscopy of the brightest optical counterparts of X-ray sources in the direction of M31 and M33. <i>Astronomy and Astrophysics</i> , 2006, 451, 835-843.	5.1	8
99	M31N 2005-09c: a fast Fe II nova in the disk of M31. <i>Astronomy and Astrophysics</i> , 2007, 464, 1075-1079.	5.1	8
100	Multi-frequency observations of Swift J1626.6-5156. <i>Astronomy and Astrophysics</i> , 2011, 533, A23.	5.1	8
101	The high optical polarization in the Be/X-ray binary EXO 2030+375. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4235-4240.	4.4	8
102	Discovery of X-ray pulsations in the Be/X-ray binary IGR J21343+4738. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 442, 472-478.	4.4	8
103	Long-term optical and X-ray variability of the Be/X-ray binary H 1145-619: Discovery of an ongoing retrograde density wave. <i>Astronomy and Astrophysics</i> , 2017, 607, A52.	5.1	8
104	NuSTAR rules out a cyclotron line in the accreting magnetar candidate 4U2206+54. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3366-3372.	4.4	8
105	Discovery of X-ray pulsations in the Be/X-ray binary IGR J06074+2205. <i>Astronomy and Astrophysics</i> , 2018, 613, A52.	5.1	8
106	New insights into the Be/X-ray binary system MXB 0656-072. <i>Astronomy and Astrophysics</i> , 2012, 547, A103.	5.1	7
107	The optical counterpart to the Be/X-ray binary SAX J2239.3+6116. <i>Astronomy and Astrophysics</i> , 2017, 598, A16.	5.1	7
108	The time-dependent distribution of optical polarization angle changes in blazars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 225-243.	4.4	7

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109	Discovery of circular polarization in the Intermediate Polar 1WGA J1958.2+3232. <i>Astronomy and Astrophysics</i> , 2001, 372, L1-L4.	5.1	7
110	Orbital Comptonization in accretion disks around black holes. <i>Astronomy and Astrophysics</i> , 2001, 375, 155-160.	5.1	7
111	Four colour photometry of late-type binary systems. <i>Astronomy and Astrophysics</i> , 1997, 123, 1-4.	2.1	7
112	Average bolometric corrections and optical to X-ray flux measurements as a function of accretion rate for X-ray binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1400-1413.	4.4	7
113	A new automated tool for the spectral classification of OB stars. <i>Astronomy and Astrophysics</i> , 2022, 657, A62.	5.1	6
114	Evidence for a change in the radiation mechanism in the hard state of GRO J1655-40. Hysteresis in the broad-band noise components. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 3395-3405.	4.4	5
115	Spectroscopy of the bright optical counterparts of X-ray sources in the direction of M31. <i>Astronomy and Astrophysics</i> , 2009, 507, 705-711.	5.1	5
116	X-ray spectral-timing variability of 1A 0535+262 during the 2020 giant outburst. <i>Astronomy and Astrophysics</i> , 2022, 659, A178.	5.1	5
117	JEM-X observations of the Be/X-ray binary EXO 2030+375. <i>Astronomy and Astrophysics</i> , 2003, 411, L411-L414.	5.1	4
118	Fourier-Resolved Spectroscopy of 4U 1728-34: New Insights into Spectral and Temporal Properties of Low-Mass X-ray Binaries. <i>Astrophysical Journal</i> , 2007, 667, 1063-1072.	4.5	3
119	Optical linear polarization of helium-rich white dwarfs sample with the RoboPol polarimeter. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5312-5324.	4.4	3
120	Non-radial pulsations in the Be/X binaries 4U 0115+63 and SAX J2103.5+4545. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 505-506.	0.0	1
121	Global One-armed Oscillations in the Be/X-ray Binary LS I +61° 235/RX J0146.9+6121. <i>International Astronomical Union Colloquium</i> , 2000, 175, 719-722.	0.1	0
122	Bulk-Flow Comptonization and Time Lags Due to Comptonization. , 2001, , 283-294.		0
123	Highly Magnetized Accreting Pulsars: Are There Accreting Magnetars?. <i>Acta Polytechnica CTU Proceedings</i> , 2014, 1, 215-221.	0.3	0