

R F Archibald

List of Publications by Year in descending order

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26
papers

988
citations

430874

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h-index

552781

26
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26
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26
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26
times ranked

1170
citing authors

#	ARTICLE	IF	CITATIONS
1	An anti-glitch in a magnetar. <i>Nature</i> , 2013, 497, 591-593.	27.8	112
2	Revival of the Magnetar PSR J1622-4950: Observations with MeerKAT, Parkes, XMM-Newton, Swift, Chandra, and NuSTAR. <i>Astrophysical Journal</i> , 2018, 856, 180.	4.5	108
3	A HIGH BRAKING INDEX FOR A PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 819, L16.	8.3	102
4	A MAGNETAR-LIKE OUTBURST FROM A HIGH-B RADIO PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 829, L21.	8.3	82
5	TIMING AND FLUX EVOLUTION OF THE GALACTIC CENTER MAGNETAR SGR J1745-2900. <i>Astrophysical Journal</i> , 2014, 786, 84.	4.5	63
6	POST-OUTBURST X-RAY FLUX AND TIMING EVOLUTION OF SWIFT J1822.3-1606. <i>Astrophysical Journal</i> , 2012, 761, 66.	4.5	62
7	REPEATED, DELAYED TORQUE VARIATIONS FOLLOWING X-RAY FLUX ENHANCEMENTS IN THE MAGNETAR 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2015, 800, 33.	4.5	39
8	ON THE BRAKING INDEX OF THE UNUSUAL HIGH- B -ROTATION-POWERED PULSAR PSR J1846-0258. <i>Astrophysical Journal</i> , 2015, 810, 67.	4.5	37
9	LONG-TERM TIMING AND EMISSION BEHAVIOR OF THE YOUNG CRAB-LIKE PULSAR PSR B0540-69. <i>Astrophysical Journal</i> , 2015, 812, 95.	4.5	36
10	DEEP <i>NuSTAR</i> AND <i>SWIFT</i> MONITORING OBSERVATIONS OF THE MAGNETAR 1E 1841-045. <i>Astrophysical Journal</i> , 2015, 807, 93.	4.5	36
11	<i>NuSTAR</i> OBSERVATIONS OF THE MAGNETAR 1E 2259+586. <i>Astrophysical Journal</i> , 2014, 789, 75.	4.5	33
12	SPECTRAL AND TIMING PROPERTIES OF THE MAGNETAR CXOU J164710.2-45216. <i>Astrophysical Journal</i> , 2013, 763, 82.	4.5	32
13	<i>NuSTAR</i> OBSERVATIONS OF X-RAY BURSTS FROM THE MAGNETAR 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2014, 790, 60.	4.5	31
14	The Glitches and Rotational History of the Highly Energetic Young Pulsar PSR J0537-6910. <i>Astrophysical Journal</i> , 2018, 852, 123.	4.5	30
15	<i>NuSTAR</i> OBSERVATIONS OF MAGNETAR 1E 1841-045. <i>Astrophysical Journal</i> , 2013, 779, 163.	4.5	29
16	Magnetar-like X-Ray Bursts Suppress Pulsar Radio Emission. <i>Astrophysical Journal Letters</i> , 2017, 849, L20.	8.3	26
17	GREEN BANK TELESCOPE AND <i>SWIFT</i> X-RAY TELESCOPE OBSERVATIONS OF THE GALACTIC CENTER RADIO MAGNETAR SGR J1745-2900. <i>Astrophysical Journal</i> , 2015, 806, 266.	4.5	23
18	The <i>NuSTAR</i> view of the non-thermal emission from PSR J0437-4715. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2612-2622.	4.4	21

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19	SWIFT OBSERVATIONS OF TWO OUTBURSTS FROM THE MAGNETAR 4U 0142+61. <i>Astrophysical Journal</i> , 2017, 834, 163.	4.5	16
20	Two New Outbursts and Transient Hard X-Rays from 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2020, 889, 160.	4.5	16
21	The 2016 Outburst of PSR J1119-6127: Cooling and a Spin-down-dominated Glitch. <i>Astrophysical Journal</i> , 2018, 869, 180.	4.5	14
22	A Near-infrared Counterpart of 2E1613.5-5053: The Central Source in Supernova Remnant RCW103. <i>Astrophysical Journal</i> , 2017, 841, 11.	4.5	13
23	ON THE X-RAY VARIABILITY OF MAGNETAR 1RXS J170849.0-400910. <i>Astrophysical Journal</i> , 2014, 783, 99.	4.5	11
24	NuSTAR OBSERVATIONS OF MAGNETAR 1E 1048.1-5937. <i>Astrophysical Journal</i> , 2016, 831, 80.	4.5	7
25	X-Ray Timing Studies of the Low-field Magnetar CXOU J164710.2-455216. <i>Astrophysical Journal Letters</i> , 2019, 877, L10.	8.3	5
26	NuSTAR results and future plans for magnetar and rotation-powered pulsar observations. <i>Astronomische Nachrichten</i> , 2014, 335, 280-284.	1.2	4