

John Antoniadis

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,482
citations

430874

18
h-index

377865

34
g-index

42
all docs

42
docs citations

42
times ranked

3684
citing authors

#	ARTICLE	IF	CITATIONS
1	A Massive Pulsar in a Compact Relativistic Binary. <i>Science</i> , 2013, 340, 448, 1233232.	12.6	2,890
2	The relativistic pulsar-white dwarf binary PSR J1738+0333 - II. The most stringent test of scalar-tensor gravity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3328-3343.	4.4	435
3	Formation of Double Neutron Star Systems. <i>Astrophysical Journal</i> , 2017, 846, 170.	4.5	435
4	The relativistic pulsar-white dwarf binary PSR J1738+0333 - I. Mass determination and evolutionary history. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3316-3327.	4.4	112
5	The timescale of low-mass proto-helium white dwarf evolution. <i>Astronomy and Astrophysics</i> , 2014, 571, L3.	5.1	72
6	A refined search for pulsations in white dwarf companions to millisecond pulsars.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 1267-1272.	4.4	43
7	ON THE FORMATION OF ECCENTRIC MILLISECOND PULSARS WITH HELIUM WHITE-DWARF COMPANIONS. <i>Astrophysical Journal Letters</i> , 2014, 797, L24.	8.3	42
8	AN ACTIVE, ASYNCHRONOUS COMPANION TO A REDBACK MILLISECOND PULSAR. <i>Astrophysical Journal Letters</i> , 2016, 833, L12.	8.3	37
9	Radio afterglows of very high-energy gamma-ray bursts 190829A and 180720B. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 3326-3335.	4.4	35
10	PSR J2234+0611: A New Laboratory for Stellar Evolution. <i>Astrophysical Journal</i> , 2019, 870, 74.	4.5	32
11	Precollapse Properties of Superluminous Supernovae and Long Gamma-Ray Burst Progenitor Models. <i>Astrophysical Journal</i> , 2020, 901, 114.	4.5	31
12	Measuring interstellar delays of PSR J0613+0200 over 7Âyr, using the Large European Array for Pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 1468-1479.	4.4	27
13	AN ECCENTRIC BINARY MILLISECOND PULSAR WITH A HELIUM WHITE DWARF COMPANION IN THE GALACTIC FIELD. <i>Astrophysical Journal</i> , 2016, 830, 36.	4.5	25
14	<i>Gaia</i> pulsars and where to find them. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1116-1126.	4.4	23
15	Improving timing sensitivity in the microhertz frequency regime: limits from PSR J1713+0747 on gravitational waves produced by supermassive black hole binaries. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 218-227.	4.4	22
16	A revisit of PSR J1909+3744 with 15-yr high-precision timing. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 2276-2291.	4.4	22
17	Cool white dwarf companions to four millisecond pulsars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3806-3813.	4.4	19
18	Probing the neutron star interior and the Equation of State of cold dense matter with the SKA. , 2015, , .		19

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19	A white dwarf companion to the relativistic pulsar PSR J1141-6545.... Monthly Notices of the Royal Astronomical Society, 2011, 412, 580-584.	4.4	18
20	Testing Gravity with Pulsars in the SKA Era. , 2015, , .		17
21	Infant-phase reddening by surface Fe-peak elements in a normal type Ia supernova. Nature Astronomy, 2022, 6, 568-576.	10.1	17
22	Modelling annual scintillation arc variations in PSR J1643+1224 using the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1104-1114.	4.4	16
23	Supernova and optical transient observations using the three wide-field telescope array of the KMTNet. Proceedings of SPIE, 2016, , .	0.8	15
24	Type Ia supernovae from non-accreting progenitors. Astronomy and Astrophysics, 2020, 635, A72.	5.1	11
25	Stripped-envelope stars in different metallicity environments. Astronomy and Astrophysics, 2022, 661, A60.	5.1	10
26	Explosibility fluctuations of massive stellar cores enable asymmetric compact object mergers such as GW190814. Astronomy and Astrophysics, 2022, 657, L6.	5.1	9
27	Gravitational Radiation from Compact Binary Pulsars. Thirty Years of Astronomical Discovery With UKIRT, 2015, , 1-22.	0.3	7
28	Accretion-induced collapse to third family compact stars as trigger for eccentric orbits of millisecond pulsars in binaries. Astronomische Nachrichten, 2019, 340, 878-884.	1.2	6
29	Rapidly Declining Hostless Type Ia Supernova KSP-OT-201509b from the KMTNet Supernova Program: Transitional Nature and Constraint on ^{56}Ni Distribution and Progenitor Type. Astrophysical Journal, 2021, 910, 151.	4.5	6
30	Detection of quasi-periodic micro-structure in three millisecond pulsars with the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2022, 513, 4037-4044.	4.4	6
31	An ingress and a complete transit of HD 80606 b. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	5
32	Discovery of a Rapid, Luminous Nova in NGC 300 by the KMTNet Supernova Program. Astrophysical Journal, 2017, 844, 160.	4.5	4
33	High-cadence Multi-color Observations of the Dwarf Nova KSP-OT-201503a by the KMTNet Supernova Program. Astrophysical Journal, 2018, 860, 21.	4.5	4
34	Multi-wavelength, Multi-Messenger Pulsar Science in the SKA Era. , 2015, , .		4
35	A search for pulsar companions around low-mass white dwarfs. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4981-4988.	4.4	2
36	Gaia Pulsars and Where to Find Them in EDR3. Research Notes of the AAS, 2020, 4, 223.	0.7	2

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37	Transit detections of extrasolar planets around main-sequence stars. <i>Astronomy and Astrophysics</i> , 2009, 508, 1509-1516.	5.1	1
38	A Massive Pulsar in a Compact Relativistic Binary. <i>Springer Theses</i> , 2015, , 63-68.	0.1	0
39	An Observational Test for Low-Mass Helium-Core White-Dwarf Models. <i>Springer Theses</i> , 2015, , 27-36.	0.1	0
40	No Pulsar Companion Around the Nearest Low Mass White Dwarf. <i>Research Notes of the AAS</i> , 2021, 5, 279.	0.7	0