John Antoniadis

List of Publications by Year in descending order

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	Explodability fluctuations of massive stellar cores enable asymmetric compact object mergers such as GW190814. Astronomy and Astrophysics, 2022, 657, L6.	5.1	9
2	Modelling annual scintillation arc variations in PSRÂJ1643â˜1224 using the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1104-1114.	4.4	16
3	Stripped-envelope stars in different metallicity environments. Astronomy and Astrophysics, 2022, 661, A60.	5.1	10
4	Infant-phase reddening by surface Fe-peak elements in a normal type Ia supernova. Nature Astronomy, 2022, 6, 568-576.	10.1	17
5	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
6	A search for pulsar companions around low-mass white dwarfs. Monthly Notices of the Royal Astronomical Society, 2021, 505, 4981-4988.	4.4	2
7	Rapidly Declining Hostless Type Ia Supernova KSP-OT-201509b from the KMTNet Supernova Program: Transitional Nature and Constraint on ⁵⁶Ni Distribution and Progenitor Type. Astrophysical Journal, 2021, 910, 151.	4.5	6
8	No Pulsar Companion Around the Nearest Low Mass White Dwarf. Research Notes of the AAS, 2021, 5, 279.	0.7	0
9	Measuring interstellar delays of PSR J0613â˜0200 over 7Âyr, using the Large European Array for Pulsars. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1468-1479.	4.4	27
10	A revisit of PSR J1909â˜3744 with 15-yr high-precision timing. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2276-2291.	4.4	22
11	Radio afterglows of very high-energy gamma-ray bursts 190829A and 180720B. Monthly Notices of the Royal Astronomical Society, 2020, 496, 3326-3335.	4.4	35
12	Type Ia supernovae from non-accreting progenitors. Astronomy and Astrophysics, 2020, 635, A72.	5.1	11
13	Gaia pulsars and where to find them. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1116-1126.	4.4	23
14	Precollapse Properties of Superluminous Supernovae and Long Gamma-Ray Burst Progenitor Models. Astrophysical Journal, 2020, 901, 114.	4.5	31
15	Gaia Pulsars and Where to Find Them in EDR3. Research Notes of the AAS, 2020, 4, 223.	0.7	2
16	PSR J2234+0611: A New Laboratory for Stellar Evolution. Astrophysical Journal, 2019, 870, 74.	4.5	32
17	Accretionâ€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
18	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

#	Article	IF	Citations
19	Improving timing sensitivity in the microhertz frequency regime: limits from PSR J1713+0747 on gravitational waves produced by supermassive black hole binaries. Monthly Notices of the Royal Astronomical Society, 2018, 478, 218-227.	4.4	22
20	A refined search for pulsations in white dwarf companions to millisecond pulsarsâ˜…. Monthly Notices of the Royal Astronomical Society, 2018, 479, 1267-1272.	4.4	43
21	Formation of Double Neutron Star Systems. Astrophysical Journal, 2017, 846, 170.	4.5	435
22	Discovery of a Rapid, Luminous Nova in NGC 300 by the KMTNet Supernova Program. Astrophysical Journal, 2017, 844, 160.	4.5	4
23	AN ECCENTRIC BINARY MILLISECOND PULSAR WITH A HELIUM WHITE DWARF COMPANION IN THE GALACTIC FIELD. Astrophysical Journal, 2016, 830, 36.	4.5	25
24	Supernova and optical transient observations using the three wide-field telescope array of the KMTNet. Proceedings of SPIE, 2016, , .	0.8	15
25	AN ACTIVE, ASYNCHRONOUS COMPANION TO A REDBACK MILLISECOND PULSAR. Astrophysical Journal Letters, 2016, 833, L12.	8.3	37
26	Cool white dwarf companions to four millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3806-3813.	4.4	19
27	Gravitational Radiation from Compact Binary Pulsars. Thirty Years of Astronomical Discovery With UKIRT, 2015, , 1-22.	0.3	7
28	Testing Gravity with Pulsars in the SKA Era. , 2015, , .		17
29	Probing the neutron star interior and the Equation of State of cold dense matter with the SKA. , 2015, , .		19
30	A Massive Pulsar in a Compact Relativistic Binary. Springer Theses, 2015, , 63-68.	0.1	0
31	An Observational Test for Low-Mass Helium-Core White-Dwarf Models. Springer Theses, 2015, , 27-36.	0.1	0
32	Multi-wavelength, Multi-Messenger Pulsar Science in the SKA Era. , 2015, , .		4
33	ON THE FORMATION OF ECCENTRIC MILLISECOND PULSARS WITH HELIUM WHITE-DWARF COMPANIONS. Astrophysical Journal Letters, 2014, 797, L24.	8.3	42
34	The timescale of low-mass proto-helium white dwarf evolution. Astronomy and Astrophysics, 2014, 571, L3.	5.1	72
35	A Massive Pulsar in a Compact Relativistic Binary. Science, 2013, 340, 448, 1233232.	12.6	2,890
36	The relativistic pulsar-white dwarf binary PSRâ€ƒJ1738+0333 - I. Mass determination and evolutionary history. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3316-3327.	4.4	112

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37	The relativistic pulsar-white dwarf binary PSR J1738+0333 - II. The most stringent test of scalar-tensor gravity. Monthly Notices of the Royal Astronomical Society, 2012, 423, 3328-3343.	4.4	435
38	A white dwarf companion to the relativistic pulsar PSRâ€ƒJ1141â˜’6545â˜…... Monthly Notices of the Royal Astronomical Society, 2011, 412, 580-584.	4.4	18
39	An ingress and a complete transit of HDâ€ƒ80606 b. Monthly Notices of the Royal Astronomical Society, 2010, , no-no.	4.4	5
40	Transit detections of extrasolar planets around main-sequence stars. Astronomy and Astrophysics, 2009, 508, 1509-1516.	5.1	1