Kevin B Burdge

List of Publications by Year
in descending order

35	1,780	394421	345221
papers	citations	19 h-index	36 g-index

38	38	38	2222
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	NGCÂ2004 #115: a black hole imposter containing three luminous stars. Monthly Notices of the Royal Astronomical Society, 2022, 511, 3089-3100.	4.4	16
2	NGC 1850 BH1 is another stripped-star binary masquerading as a black hole. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 511, 24-29.	3.3	38
3	Unicorns and giraffes in the binary zoo: stripped giants with subgiant companions. Monthly Notices of the Royal Astronomical Society, 2022, 512, 5620-5641.	4.4	30
4	A 62-minute orbital period black widow binary in a wide hierarchical triple. Nature, 2022, 605, 41-45.	27.8	13
5	Initial Characterization of Active Transitioning Centaur, P/2019 LD₂ (ATLAS), Using Hubble, Spitzer, ZTF, Keck, Apache Point Observatory, and GROWTH Visible and Infrared Imaging and Spectroscopy. Astronomical Journal, 2021, 161, 116.	4.7	13
6	Bright, Months-long Stellar Outbursts Announce the Explosion of Interaction-powered Supernovae. Astrophysical Journal, 2021, 907, 99.	4.5	59
7	GPU-accelerated periodic source identification in large-scale surveys: measuring P and P. Monthly Notices of the Royal Astronomical Society, 2021, 503, 2665-2675.	4.4	4
8	Time-series and Phase-curve Photometry of the Episodically Active Asteroid (6478) Gault in a Quiescent State Using APO, GROWTH, P200, and ZTF. Astrophysical Journal Letters, 2021, 911, L35.	8.3	10
9	ZTF-identified HW Virginis Systems. Research Notes of the AAS, 2021, 5, 90.	0.7	2
10	A Large Fraction of Hydrogen-rich Supernova Progenitors Experience Elevated Mass Loss Shortly Prior to Explosion. Astrophysical Journal, 2021, 912, 46.	4.5	66
11	The ZTF Source Classification Project â€“ II. Periodicity and variability processing metrics. Monthly Notices of the Royal Astronomical Society, 2021, 505, 2954-2965.	4.4	10
12	The ZTF Source Classification Project. I. Methods and Infrastructure. Astronomical Journal, 2021, 161, 267.	4.7	16
13	A highly magnetized and rapidly rotating white dwarf as small as the Moon. Nature, 2021, 595, 39-42.	27.8	56
14	A Systematic Search for Outbursting AM CVn Systems with the Zwicky Transient Facility. Astronomical Journal, 2021, 162, 113.	4.7	15
15	A catalogue of white dwarfs in Gaia EDR3. Monthly Notices of the Royal Astronomical Society, 2021, 508, 3877-3896.	4.4	122
16	Multi-wavelength Observations of AT2019wey: a New Candidate Black Hole Low-mass X-ray Binary. Astrophysical Journal, 2021, 920, 120.	4.5	12
17	ZTFJ0038+2030: A Long-period Eclipsing White Dwarf and a Substellar Companion. Astrophysical Journal Letters, 2021, 919, L26.	8.3	15
18	ZTF J1901+5309: a 40.6-min orbital period eclipsing double white dwarf system. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 494, L91-L96.	3.3	19

#	Article	IF	Citations
19	Cataclysmic Variables in the First Year of the Zwicky Transient Facility. Astronomical Journal, 2020, 159, 198.	4.7	22
20	The First Ultracompact Roche Lobeâ€“Filling Hot Subdwarf Binary. Astrophysical Journal, 2020, 891, 45.	4.5	47
21	Characterization of the Nucleus, Morphology, and Activity of Interstellar Comet 2I/Borisov by Optical and Near-infrared GROWTH, Apache Point, IRTF, ZTF, and Keck Observations. Astronomical Journal, 2020, 160, 26.	4.7	28
22	Early Ultraviolet Observations of Type IIn Supernovae Constrain the Asphericity of Their Circumstellar Material. Astrophysical Journal, 2020, 899, 51.	4.5	9
23	A Systematic Search of Zwicky Transient Facility Data for Ultracompact Binary LISA-detectable Gravitational-wave Sources. Astrophysical Journal, 2020, 905, 32.	4.5	62
24	Kilonova Luminosity Function Constraints Based on Zwicky Transient Facility Searches for 13 Neutron Star Merger Triggers during O3. Astrophysical Journal, 2020, 905, 145.	4.5	69
25	A New Class of Roche Lobeâ€“filling Hot Subdwarf Binaries. Astrophysical Journal Letters, 2020, 898, L25.	8.3	33
26	Characterization of Temporarily Captured Minimoon 2020 CD₃ by Keck Time-resolved Spectrophotometry. Astrophysical Journal Letters, 2020, 900, L45.	8.3	15
27	An 8.8 Minute Orbital Period Eclipsing Detached Double White Dwarf Binary. Astrophysical Journal Letters, 2020, 905, L7.	8.3	34
28	Tidally excited oscillations in hot white dwarfs. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1836-1851.	4.4	6
29	General relativistic orbital decay in a seven-minute-orbital-period eclipsing binary system. Nature, 2019, 571, 528-531.	27.8	96
30	A New Class of Large-amplitude Radial-mode Hot Subdwarf Pulsators. Astrophysical Journal Letters, 2019, 878, L35.	8.3	32
31	The Kitt Peak Electron Multiplying CCD demonstrator. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1412-1419.	4.4	16
32	ZTF 18aaqeasu (SN2018byg): A Massive Helium-shell Double Detonation on a Sub-Chandrasekhar-mass White Dwarf. Astrophysical Journal Letters, 2019, 873, L18.	8.3	56
33	GROWTH on S190425z: Searching Thousands of Square Degrees to Identify an Optical or Infrared Counterpart to a Binary Neutron Star Merger with the Zwicky Transient Facility and Palomar Gattini-IR. Astrophysical Journal Letters, 2019, 885, L19.	8.3	86
34	Orbital Decay in a 20 Minute Orbital Period Detached Binary with a Hydrogen-poor Low-mass White Dwarf. Astrophysical Journal Letters, 2019, 886, L12.	8.3	42
35	The Zwicky Transient Facility: Data Processing, Products, and Archive. Publications of the Astronomical Society of the Pacific, 2019, 131, 018003.	3.1	610