

# M R Kennedy

## List of Publications by Citations

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38  
papers

310  
citations

10  
h-index

15  
g-index

41  
ext. papers

448  
ext. citations

4.6  
avg, IF

3.18  
L-index

#	Paper	IF	Citations
38	Searching for electromagnetic counterparts to gravitational-wave merger events with the prototype Gravitational-Wave Optical Transient Observer (GOTO-4). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 497, 726-738	4.3	41
37	Observational constraints on the optical and near-infrared emission from the neutron star/black hole binary merger candidate S190814bv. <i>Astronomy and Astrophysics</i> , <b>2020</b> , 643, A113	5.1	39
36	Kepler K2 observations of the transitional millisecond pulsar PSR J1023+0038. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2018</b> , 477, 1120-1132	4.3	22
35	Roche lobe underfilling of the secondary star in PSR J102347.6+003841?. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2015</b> , 451, 3468-3472	4.3	20
34	RETURN OF THE KING: TIME-SERIES PHOTOMETRY OF FO AQUARIUS INITIAL RECOVERY FROM ITS UNPRECEDENTED 2016 LOW STATE. <i>Astrophysical Journal</i> , <b>2016</b> , 833, 93	4.7	15
33	Kepler K2 observations of the intermediate polar FO Aquarii. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2016</b> , 459, 3622-3628	4.3	13
32	Detection and Timing of Gamma-Ray Pulsations from the 707 Hz Pulsar J0952-0607. <i>Astrophysical Journal</i> , <b>2019</b> , 883, 42	4.7	12
31	Einstein@Home discovery of the gamma-ray millisecond pulsar PSR J2039+617 confirms its predicted redback nature. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 915-934	4.3	11
30	A Comprehensive K2 and Ground-based Study of CRTS J035905.9+175034, an Eclipsing SU UMa System with a Large Mass Ratio. <i>Astronomical Journal</i> , <b>2018</b> , 155, 232	4.9	11
29	X-ray observations of FO Aqr during the 2016 low state. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 469, 956-967	4.3	10
28	Driving the Beat: Time-resolved Spectra of the White Dwarf Pulsar AR Scorpii. <i>Astrophysical Journal</i> , <b>2019</b> , 872, 67	4.7	9
27	The Rise and Fall of the King: The Correlation between FO Aquarii Low States and the White Dwarf Spin-down. <i>Astrophysical Journal</i> , <b>2020</b> , 896, 116	4.7	9
26	A model for redistributing heat over the surface of irradiated spider companions. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 1758-1768	4.3	8
25	Fast-cadence TESS Photometry and Doppler Tomography of the Asynchronous Polar CD Ind: A Revised Accretion Geometry from Newly Proposed Spin and Orbital Periods. <i>Astrophysical Journal</i> , <b>2019</b> , 881, 141	4.7	8
24	The eclipsing accreting white dwarf Z chameleontis as seen with TESS. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2019</b> , 488, 4149-4160	4.3	7
23	Quasi-periodic Oscillations in the TESS Light Curve of TX Col, a Diskless Intermediate Polar on the Precipice of Forming an Accretion Disk. <i>Astronomical Journal</i> , <b>2021</b> , 162, 49	4.9	7
22	THE EVOLVED MAIN-SEQUENCE CHANNEL: HST AND LBT OBSERVATIONS OF CSS 120422:111127+571239. <i>Astrophysical Journal</i> , <b>2015</b> , 815, 131	4.7	6

21	Evidence that short-period AM CVn systems are diverse in outburst behaviour. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 502, 4953-4962	4-3	6
20	Optical, X-ray, and $\Gamma$ -ray observations of the candidate transitional millisecond pulsar 4FGL J0427.8-6704. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 3912-3926	4-3	5
19	K2 Study of the Magnetic Precataclysmic Variable V1082 Sagittarius. <i>Astrophysical Journal</i> , <b>2018</b> , 863, 47	4-7	5
18	XMM-Newton observations of the peculiar cataclysmic variable Lanning 386: X-ray evidence for a magnetic primary. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2017</b> , 466, 2202-2211	4-3	5
17	THE NEW ECLIPSING CV MASTER OTJ192328.22+612413.5: A POSSIBLE SW SEXTANTIS STAR. <i>Astronomical Journal</i> , <b>2016</b> , 152, 27	4-9	4
16	The Gravitational-wave Optical Transient Observer (GOTO): Prototype performance and prospects for transient science. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	4
15	Machine learning for transient recognition in difference imaging with minimum sampling effort. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 499, 6009-6017	4-3	4
14	Optical spectra of FO Aquarii during low and high accretion rates. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 495, 4445-4462	4-3	4
13	MASTER OT J132104.04+560957.8: A Polar with Absorption Emission Line Reversals. <i>Astronomical Journal</i> , <b>2018</b> , 155, 18	4-9	3
12	Transient-optimized real-bogus classification with Bayesian convolutional neural networks lifting the GOTO candidate stream. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 503, 4838-4854	4-3	3
11	Rapid Bursts of Magnetically Gated Accretion in the Intermediate Polar V1025 Cen. <i>Astrophysical Journal Letters</i> , <b>2022</b> , 924, L8	7-9	2
10	The return of the spin period in DW Cnc and evidence of new high state outbursts. <i>Monthly Notices of the Royal Astronomical Society</i> ,	4-3	2
9	Light-curve classification with recurrent neural networks for GOTO: dealing with imbalanced data. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 505, 4345-4361	4-3	2
8	Optical photometry of two transitional millisecond pulsars in the radio pulsar state. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 2174-2191	4-3	2
7	A Phenomenological Model for the Light Curve of Three Quiescent Low-inclination Dwarf Novae and One Pre-cataclysmic Variable. <i>Astronomical Journal</i> , <b>2018</b> , 156, 153	4-9	2
6	First measurement of the total gravitational quadrupole moment of a black widow companion. <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2020</b> , 494, 4448-4453	4-3	1
5	Processing GOTO survey data with the Rubin Observatory LSST Science Pipelines II: Forced Photometry and lightcurves. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5-5	1
4	Searching for Fermi GRB optical counterparts with the prototype Gravitational-wave Optical Transient Observer (GOTO). <i>Monthly Notices of the Royal Astronomical Society</i> , <b>2021</b> , 507, 5463-5476	4-3	1

3	Processing GOTO data with the Rubin Observatory LSST Science Pipelines I: Production of coadded frames. <i>Publications of the Astronomical Society of Australia</i> , <b>2021</b> , 38,	5.5	1
2	Hitting a New Low: The Unique 28 hr Cessation of Accretion in the TESS Light Curve of YY Dra (DO Dra). <i>Astronomical Journal</i> , <b>2022</b> , 163, 246	4.9	1
1	Searching for Diamagnetic Blob Accretion in the 74 day K2 Observation of V2400 Ophiuchi. <i>Astronomical Journal</i> , <b>2022</b> , 163, 4	4.9	0