David M Palmer

List of Publications by Year
in descending order

50 papers	8,646 citations	186265 28 h-index	197818 49 g-index
52 all docs	52 docs citations	52 times ranked	7323 citing authors

#	Article	IF	Citations
1	The Second Catalog of Interplanetary Network Localizations of Konus Short-duration Gamma-Ray Bursts. Astrophysical Journal, Supplement Series, 2022, 259, 34.	7.7	2
2	A bright Î³-ray flare interpreted as a giant magnetar flare in NGCÂ253. Nature, 2021, 589, 211-213.	27.8	49
3	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. Astrophysical Journal, 2021, 907, 97.	4.5	7
4	Swift/UVOT follow-up of gravitational wave alerts in the O3 era. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1296-1317.	4.4	15
5	A Month of Monitoring the New Magnetar Swift J1555.2â^'5402 during an X-Ray Outburst. Astrophysical Journal Letters, 2021, 920, L4.	8.3	3
6	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baadeâ€™s Window. Astronomical Journal, 2020, 159, 244.	4.7	1
7	Imaging the 44 au Kuiper Belt Analog Debris Ring around HD 141569A with GPI Polarimetry. Astronomical Journal, 2020, 159, 53.	4.7	8
8	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet Î² Pictoris b from Combined Direct Imaging and Astrometry. Astronomical Journal, 2020, 159, 71.	4.7	29
9	An Updated Visual Orbit of the Directly Imaged Exoplanet 51 Eridani b and Prospects for a Dynamical Mass Measurement with Gaia. Astronomical Journal, 2020, 159, 1.	4.7	16
10	Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. Astronomical Journal, 2020, 160, 24.	4.7	64
11	Swift-XRT follow-up of gravitational wave triggers during the third aLIGO/Virgo observing run. Monthly Notices of the Royal Astronomical Society, 2020, 499, 3459-3480.	4.4	31
12	Revised astrometric calibration of the Gemini Planet Imager. Journal of Astronomical Telescopes, Instruments, and Systems, 2020, 6, 1.	1.8	15
13	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. Astronomical Journal, 2020, 159, 31.	4.7	12
14	Gamma-Ray Urgent Archiver for Novel Opportunities (GUANO): Swift/BAT Event Data Dumps on Demand to Enable Sensitive Subthreshold GRB Searches. Astrophysical Journal, 2020, 900, 35.	4.5	30
15	NICER Observation of the Temporal and Spectral Evolution of Swift J1818.0â^'1607: A Missing Link between Magnetars and Rotation-powered Pulsars. Astrophysical Journal, 2020, 902, 1.	4.5	21
16	An Exoâ€“Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. Astrophysical Journal, 2019, 882, 64.	4.5	34
17	SN 2016coi (ASASSN-16fp): An Energetic H-stripped Core-collapse Supernova from a Massive Stellar Progenitor with Large Mass Loss. Astrophysical Journal, 2019, 883, 147.	4.5	22
18	The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. Astronomical Journal, 2019, 158, 13.	4.7	270

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19	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. Astronomical Journal, 2019, 158, 226.	4.7	5
20	Asymmetries in adaptive optics point spread functions. Journal of Astronomical Telescopes, Instruments, and Systems, 2019, 5, 1.	1.8	6
21	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. Astrophysical Journal, Supplement Series, 2019, 245, 15.	7.7	16
22	Extreme background-rejection techniques for the ELROI optical satellite license plate. Applied Optics, 2019, 58, 814.	1.8	2
23	Status of ELROI satellite license plate demonstration on the CubeSat NMTSat. , 2019, , .		0
24	Dynamical Constraints on the HR 8799 Planets with GPI. Astronomical Journal, 2018, 156, 192.	4.7	95
25	Extremely Low Resource Optical Identifier: A License Plate for Your Satellite. Journal of Spacecraft and Rockets, 2018, 55, 1014-1023.	1.9	7
26	Progress on ELROI satellite license plate flight prototypes. , 2018, , .		1
27	Characterizing 51 Eri b from 1 to 5ÂÎ¼m: A Partly Cloudy Exoplanet. Astronomical Journal, 2017, 154, 10.	4.7	110
28	Improving and Assessing Planet Sensitivity of the GPI Exoplanet Survey with a Forward Model Matched Filter. Astrophysical Journal, 2017, 842, 14.	4.5	96
29	1â€“2.4 Î¼m Near-IR Spectrum of the Giant Planet Î² Pictoris b Obtained with the Gemini Planet Imager. Astronomical Journal, 2017, 153, 182.	4.7	92
30	Swift and NuSTAR observations of GW170817: Detection of a blue kilonova. Science, 2017, 358, 1565-1570.	12.6	399
31	Evidence That the Directly Imaged Planet HD 131399 Ab Is a Background Star. Astronomical Journal, 2017, 154, 218.	4.7	52
32	Swiftfollow-up of gravitational wave triggers: results from the first aLIGO run and optimization for the future. Monthly Notices of the Royal Astronomical Society, 2016, 462, 1591-1602.	4.4	36
33	THE THIRD SWIFT BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. Astrophysical Journal, 2016, 829, 7.	4.5	216
34	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. Astronomical Journal, 2016, 152, 128.	4.7	19
35	Swift follow-up of IceCube triggers, and implications for the Advanced-LIGO era. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2210-2223.	4.4	22
36	First light of the Gemini Planet Imager. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12661-12666.	7.1	472

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37	PROBING THE COSMIC GAMMA-RAY BURST RATE WITH TRIGGER SIMULATIONS OF THE SWIFT BURST ALERT TELESCOPE. Astrophysical Journal, 2014, 783, 24.	4.5	82
38	THE SWIFT /BAT HARD X-RAY TRANSIENT MONITOR. Astrophysical Journal, Supplement Series, 2013, 209, 14.	7.7	428
39	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. Astrophysical Journal, 2012, 751, 134.	4.5	99
40	Spectral Cross-Calibration of the Konus-Wind, the Suzaku/WAM, and the Swift/BAT Data Using Gamma-Ray Bursts. Publication of the Astronomical Society of Japan, 2011, 63, 215-277.	2.5	25
41	THE SECOND SWIFT BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. Astrophysical Journal, Supplement Series, 2011, 195, 2.	7.7	197
42	DISCOVERY OF A NEW SOFT GAMMA REPEATER, SGR J1833â€“0832. Astrophysical Journal, 2010, 718, 331-339.	4.5	36
43	A new analysis of the short-duration, hard-spectrum GRB 051103, a possible extragalactic soft gamma repeater giant flare. Monthly Notices of the Royal Astronomical Society, 2010, 403, 342-352.	4.4	40
44	The 2008 Octoberâ€,Swiftâ€,detection of X-ray bursts/outburst from the transient SGR-like AXP 1Eâ€ƒ1547.0â˜†5408. Monthly Notices of the Royal Astronomical Society, 2010, 408, 1387-1395.	4.4	46
45	The FirstSwiftBAT Gammaâ€Ray Burst Catalog. Astrophysical Journal, Supplement Series, 2008, 175, 179-190.	7.7	143
46	Very Early Optical Afterglows of Gammaâ€Ray Bursts: Evidence for Relative Paucity of Detection. Astrophysical Journal, 2006, 652, 1416-1422.	4.5	75
47	A new Î³-ray burst classification scheme from GRBâ€‰060614. Nature, 2006, 444, 1044-1046.	27.8	437
48	A giant Î³-ray flare from the magnetar SGR 1806â€“20. Nature, 2005, 434, 1107-1109.	27.8	425
49	The Burst Alert Telescope (BAT) on the SWIFT Midex Mission. Space Science Reviews, 2005, 120, 143-164.	8.1	1,218
50	TheSwiftGammaâ€Ray Burst Mission. Astrophysical Journal, 2004, 611, 1005-1020.	4.5	3,117