

# David M Palmer

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

8,646  
citations

185998

28  
h-index

197535

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. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 34.	3.0	2
2	A bright $\hat{3}$ -ray flare interpreted as a giant magnetar flare in NGC 253. <i>Nature</i> , 2021, 589, 211-213.	13.7	49
3	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. <i>Astrophysical Journal</i> , 2021, 907, 97.	1.6	7
4	<i>Swift</i> /UVOT follow-up of gravitational wave alerts in the O3 era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 1296-1317.	1.6	15
5	A Month of Monitoring the New Magnetar Swift J1555.2-5402 during an X-Ray Outburst. <i>Astrophysical Journal Letters</i> , 2021, 920, L4.	3.0	3
6	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baade's Window. <i>Astronomical Journal</i> , 2020, 159, 244.	1.9	1
7	Imaging the 44 au Kuiper Belt Analog Debris Ring around HD 141569A with GPI Polarimetry. <i>Astronomical Journal</i> , 2020, 159, 53.	1.9	8
8	The Gemini Planet Imager Exoplanet Survey: Dynamical Mass of the Exoplanet $\hat{2}$ Pictoris b from Combined Direct Imaging and Astrometry. <i>Astronomical Journal</i> , 2020, 159, 71.	1.9	29
9	An Updated Visual Orbit of the Directly Imaged Exoplanet 51 Eridani b and Prospects for a Dynamical Mass Measurement with Gaia. <i>Astronomical Journal</i> , 2020, 159, 1.	1.9	16
10	Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. <i>Astronomical Journal</i> , 2020, 160, 24.	1.9	64
11	<i>Swift</i> -XRT follow-up of gravitational wave triggers during the third aLIGO/Virgo observing run. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 3459-3480.	1.6	31
12	Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.0	15
13	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 159, 31.	1.9	12
14	Gamma-Ray Urgent Archiver for Novel Opportunities (GUANO): Swift/BAT Event Data Dumps on Demand to Enable Sensitive Subthreshold GRB Searches. <i>Astrophysical Journal</i> , 2020, 900, 35.	1.6	30
15	NICER Observation of the Temporal and Spectral Evolution of Swift J1818.0-1607: A Missing Link between Magnetars and Rotation-powered Pulsars. <i>Astrophysical Journal</i> , 2020, 902, 1.	1.6	21
16	An Exo-Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019, 882, 64.	1.6	34
17	SN 2016coi (ASASSN-16fp): An Energetic H-stripped Core-collapse Supernova from a Massive Stellar Progenitor with Large Mass Loss. <i>Astrophysical Journal</i> , 2019, 883, 147.	1.6	22
18	The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. <i>Astronomical Journal</i> , 2019, 158, 13.	1.9	270

#	ARTICLE	IF	CITATIONS
19	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019, 158, 226.	1.9	5
20	Asymmetries in adaptive optics point spread functions. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.0	6
21	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. <i>Astrophysical Journal, Supplement Series</i> , 2019, 245, 15.	3.0	16
22	Extreme background-rejection techniques for the ELROI optical satellite license plate. <i>Applied Optics</i> , 2019, 58, 814.	0.9	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. <i>Astronomical Journal</i> , 2018, 156, 192.	1.9	95
25	Extremely Low Resource Optical Identifier: A License Plate for Your Satellite. <i>Journal of Spacecraft and Rockets</i> , 2018, 55, 1014-1023.	1.3	7
26	Progress on ELROI satellite license plate flight prototypes. , 2018, , .		1
27	Characterizing 51 Eri b from 1 to 5 $\hat{1}$ / <sub>4</sub> m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	1.9	110
28	Improving and Assessing Planet Sensitivity of the GPI Exoplanet Survey with a Forward Model Matched Filter. <i>Astrophysical Journal</i> , 2017, 842, 14.	1.6	96
29	1 $\hat{1}$ / <sub>4</sub> –2.4 $\hat{1}$ / <sub>4</sub> m Near-IR Spectrum of the Giant Planet $\hat{1}$ / <sub>2</sub> Pictoris b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 182.	1.9	92
30	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	6.0	399
31	Evidence That the Directly Imaged Planet HD 131399 Ab Is a Background Star. <i>Astronomical Journal</i> , 2017, 154, 218.	1.9	52
32	<i>Swift</i> follow-up of gravitational wave triggers: results from the first aLIGO run and optimization for the future. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 1591-1602.	1.6	36
33	THE THIRD SWIFT BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal</i> , 2016, 829, 7.	1.6	216
34	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128.	1.9	19
35	Swift follow-up of IceCube triggers, and implications for the Advanced-LIGO era. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 2210-2223.	1.6	22
36	First light of the Gemini Planet Imager. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 12661-12666.	3.3	472

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37	PROBING THE COSMIC GAMMA-RAY BURST RATE WITH TRIGGER SIMULATIONS OF THE SWIFT BURST ALERT TELESCOPE. <i>Astrophysical Journal</i> , 2014, 783, 24.	1.6	82
38	THE <i>SWIFT</i> /BAT HARD X-RAY TRANSIENT MONITOR. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 14.	3.0	428
39	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. <i>Astrophysical Journal</i> , 2012, 751, 134.	1.6	99
40	Spectral Cross-Calibration of the Konus-Wind, the Suzaku/WAM, and the Swift/BAT Data Using Gamma-Ray Bursts. <i>Publication of the Astronomical Society of Japan</i> , 2011, 63, 215-277.	1.0	25
41	THE SECOND <i>SWIFT</i> BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2011, 195, 2.	3.0	197
42	DISCOVERY OF A NEW SOFT GAMMA REPEATER, SGR J1833-0832. <i>Astrophysical Journal</i> , 2010, 718, 331-339.	1.6	36
43	A new analysis of the short-duration, hard-spectrum GRB 051103, a possible extragalactic soft gamma repeater giant flare. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 403, 342-352.	1.6	40
44	The 2008 October <i>Swift</i> detection of X-ray bursts/outburst from the transient SGR-like AXP 1E 1547.0-5408. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1387-1395.	1.6	46
45	The First <i>Swift</i> BAT Gamma-Ray Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 179-190.	3.0	143
46	Very Early Optical Afterglows of Gamma-Ray Bursts: Evidence for Relative Paucity of Detection. <i>Astrophysical Journal</i> , 2006, 652, 1416-1422.	1.6	75
47	A new $\hat{\gamma}$ -ray burst classification scheme from GRB 060614. <i>Nature</i> , 2006, 444, 1044-1046.	13.7	437
48	A giant $\hat{\gamma}$ -ray flare from the magnetar SGR 1806-20. <i>Nature</i> , 2005, 434, 1107-1109.	13.7	425
49	The Burst Alert Telescope (BAT) on the SWIFT Midex Mission. <i>Space Science Reviews</i> , 2005, 120, 143-164.	3.7	1,218
50	The <i>Swift</i> Gamma-Ray Burst Mission. <i>Astrophysical Journal</i> , 2004, 611, 1005-1020.	1.6	3,117