

David M Palmer

List of Publications by Year in descending order

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Version: 2024-02-01

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 Swift Gamma-ray Burst Mission. <i>Astrophysical Journal</i> , 2004, 611, 1005-1020.	4.5	3,117
2	The Burst Alert Telescope (BAT) on the SWIFT Midex Mission. <i>Space Science Reviews</i> , 2005, 120, 143-164.	8.1	1,218
3	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.	7.1	472
4	A new γ -ray burst classification scheme from GRB 060614. <i>Nature</i> , 2006, 444, 1044-1046.	27.8	437
5	THE <i>SWIFT</i> /BAT HARD X-RAY TRANSIENT MONITOR. <i>Astrophysical Journal, Supplement Series</i> , 2013, 209, 14.	7.7	428
6	A giant γ -ray flare from the magnetar SGR 1806-20. <i>Nature</i> , 2005, 434, 1107-1109.	27.8	425
7	<i>Swift</i> and <i>NuSTAR</i> observations of GW170817: Detection of a blue kilonova. <i>Science</i> , 2017, 358, 1565-1570.	12.6	399
8	The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. <i>Astronomical Journal</i> , 2019, 158, 13.	4.7	270
9	THE THIRD SWIFT BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal</i> , 2016, 829, 7.	4.5	216
10	THE SECOND <i>SWIFT</i> BURST ALERT TELESCOPE GAMMA-RAY BURST CATALOG. <i>Astrophysical Journal, Supplement Series</i> , 2011, 195, 2.	7.7	197
11	The First <i>Swift</i> BAT Gamma-ray Burst Catalog. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 179-190.	7.7	143
12	Characterizing 51 Eri b from 1 to 5 μ m: A Partly Cloudy Exoplanet. <i>Astronomical Journal</i> , 2017, 154, 10.	4.7	110
13	INVERSE COMPTON X-RAY EMISSION FROM SUPERNOVAE WITH COMPACT PROGENITORS: APPLICATION TO SN2011fe. <i>Astrophysical Journal</i> , 2012, 751, 134.	4.5	99
14	Improving and Assessing Planet Sensitivity of the GPI Exoplanet Survey with a Forward Model Matched Filter. <i>Astrophysical Journal</i> , 2017, 842, 14.	4.5	96
15	Dynamical Constraints on the HR 8799 Planets with GPI. <i>Astronomical Journal</i> , 2018, 156, 192.	4.7	95
16	$\sim 2.4 \mu$ m Near-IR Spectrum of the Giant Planet β Pictoris b Obtained with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2017, 153, 182.	4.7	92
17	PROBING THE COSMIC GAMMA-RAY BURST RATE WITH TRIGGER SIMULATIONS OF THE SWIFT BURST ALERT TELESCOPE. <i>Astrophysical Journal</i> , 2014, 783, 24.	4.5	82
18	Very Early Optical Afterglows of Gamma-ray Bursts: Evidence for Relative Paucity of Detection. <i>Astrophysical Journal</i> , 2006, 652, 1416-1422.	4.5	75

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19	Debris Disk Results from the Gemini Planet Imager Exoplanet Survey's Polarimetric Imaging Campaign. <i>Astronomical Journal</i> , 2020, 160, 24.	4.7	64
20	Evidence That the Directly Imaged Planet HD 131399 Ab Is a Background Star. <i>Astronomical Journal</i> , 2017, 154, 218.	4.7	52
21	A bright $\hat{3}$ -ray flare interpreted as a giant magnetar flare in NGC $\hat{2}$ 53. <i>Nature</i> , 2021, 589, 211-213.	27.8	49
22	The 2008 October $\hat{6}$,Swift $\hat{6}$,detection of X-ray bursts/outburst from the transient SGR-like AXP 1E $\hat{6}$ f1547.0 $\hat{6}$ 5408. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1387-1395.	4.4	46
23	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.	4.4	40
24	DISCOVERY OF A NEW SOFT GAMMA REPEATER, SGR J1833 $\hat{6}$ 0832. <i>Astrophysical Journal</i> , 2010, 718, 331-339.	4.5	36
25	<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.	4.4	36
26	An Exo $\hat{6}$ Kuiper Belt with an Extended Halo around HD 191089 in Scattered Light. <i>Astrophysical Journal</i> , 2019, 882, 64.	4.5	34
27	<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.	4.4	31
28	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.	4.5	30
29	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.	4.7	29
30	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.	2.5	25
31	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.	4.4	22
32	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.	4.5	22
33	NICER Observation of the Temporal and Spectral Evolution of Swift J1818.0 $\hat{6}$ 1607: A Missing Link between Magnetars and Rotation-powered Pulsars. <i>Astrophysical Journal</i> , 2020, 902, 1.	4.5	21
34	IMAGING AN 80 au RADIUS DUST RING AROUND THE F5V STAR HD 157587. <i>Astronomical Journal</i> , 2016, 152, 128.	4.7	19
35	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.	4.7	16
36	Swift-XRT Follow-up of Gravitational-wave Triggers in the Second Advanced LIGO/Virgo Observing Run. <i>Astrophysical Journal</i> , Supplement Series, 2019, 245, 15.	7.7	16

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37	<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.	4.4	15
38	Revised astrometric calibration of the Gemini Planet Imager. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2020, 6, 1.	1.8	15
39	First Resolved Scattered-light Images of Four Debris Disks in Scorpius-Centaurus with the Gemini Planet Imager. <i>Astronomical Journal</i> , 2020, 159, 31.	4.7	12
40	Imaging the 44 au Kuiper Belt Analog Debris Ring around HD 141569A with GPI Polarimetry. <i>Astronomical Journal</i> , 2020, 159, 53.	4.7	8
41	Extremely Low Resource Optical Identifier: A License Plate for Your Satellite. <i>Journal of Spacecraft and Rockets</i> , 2018, 55, 1014-1023.	1.9	7
42	Swift Multiwavelength Follow-up of LVC S200224ca and the Implications for Binary Black Hole Mergers. <i>Astrophysical Journal</i> , 2021, 907, 97.	4.5	7
43	Asymmetries in adaptive optics point spread functions. <i>Journal of Astronomical Telescopes, Instruments, and Systems</i> , 2019, 5, 1.	1.8	6
44	Detection of a Low-mass Stellar Companion to the Accelerating A2IV Star HR 1645. <i>Astronomical Journal</i> , 2019, 158, 226.	4.7	5
45	A Month of Monitoring the New Magnetar Swift J1555.2-5402 during an X-Ray Outburst. <i>Astrophysical Journal Letters</i> , 2021, 920, L4.	8.3	3
46	Extreme background-rejection techniques for the ELROI optical satellite license plate. <i>Applied Optics</i> , 2019, 58, 814.	1.8	2
47	The Second Catalog of Interplanetary Network Localizations of Konus Short-duration Gamma-Ray Bursts. <i>Astrophysical Journal, Supplement Series</i> , 2022, 259, 34.	7.7	2
48	HD 165054: An Astrometric Calibration Field for High-contrast Imagers in Baade's Window. <i>Astronomical Journal</i> , 2020, 159, 244.	4.7	1
49	Progress on ELROI satellite license plate flight prototypes. , 2018, , .		1
50	Status of ELROI satellite license plate demonstration on the CubeSat NMTSat. , 2019, , .		0