

Derek B Fox

List of Publications by Year in descending order

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51
papers

5,001
citations

159525

30
h-index

214721

47
g-index

51
all docs

51
docs citations

51
times ranked

5217
citing authors

#	ARTICLE	IF	CITATIONS
1	The Palomar Transient Factory: System Overview, Performance, and First Results. Publications of the Astronomical Society of the Pacific, 2009, 121, 1395-1408.	1.0	900
2	Multimessenger observations of a flaring blazar coincident with high-energy neutrino IceCube-170922A. Science, 2018, 361, .	6.0	654
3	Exploring the Optical Transient Sky with the Palomar Transient Factory. Publications of the Astronomical Society of the Pacific, 2009, 121, 1334-1351.	1.0	618
4	THE FIRST SYSTEMATIC STUDY OF TYPE Ibc SUPERNOVA MULTI-BAND LIGHT CURVES. Astrophysical Journal, 2011, 741, 97.	1.6	305
5	CALTECH CORE-COLLAPSE PROJECT (CCCP) OBSERVATIONS OF TYPE II _n SUPERNOVAE: TYPICAL PROPERTIES AND IMPLICATIONS FOR THEIR PROGENITOR STARS. Astrophysical Journal, 2012, 744, 10.	1.6	231
6	A Multimessenger Picture of the Flaring Blazar TXS 0506+056: Implications for High-energy Neutrino Emission and Cosmic-Ray Acceleration. Astrophysical Journal, 2018, 864, 84.	1.6	184
7	SN 2011dh: DISCOVERY OF A TYPE II _b SUPERNOVA FROM A COMPACT PROGENITOR IN THE NEARBY GALAXY M51. Astrophysical Journal Letters, 2011, 742, L18.	3.0	156
8	A non-spherical core in the explosion of supernova SN 2004dj. Nature, 2006, 440, 505-507.	13.7	151
9	The Local Rate and the Progenitor Lifetimes of Short-â€Hard Gamma-â€Ray Bursts: Synthesis and Predictions for the Laser Interferometer Gravitational-â€Wave Observatory. Astrophysical Journal, 2006, 650, 281-290.	1.6	143
10	Re-analysis of polarization in the $\hat{3}$ -ray flux of GRB 021206. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1288-1300.	1.6	138
11	CALTECH CORE-COLLAPSE PROJECT (CCCP) OBSERVATIONS OF TYPE II SUPERNOVAE: EVIDENCE FOR THREE DISTINCT PHOTOMETRIC SUBTYPES. Astrophysical Journal Letters, 2012, 756, L30.	3.0	127
12	EARLY RADIO AND X-RAY OBSERVATIONS OF THE YOUNGEST NEARBY TYPE Ia SUPERNOVA PTF 11kly (SN) Tj ETQq0.0 0 rgBT /Overlock	1.6	118
13	REAL-TIME DETECTION AND RAPID MULTIWAVELENGTH FOLLOW-UP OBSERVATIONS OF A HIGHLY SUBLUMINOUS TYPE II-P SUPERNOVA FROM THE PALOMAR TRANSIENT FACTORY SURVEY. Astrophysical Journal, 2011, 736, 159.	1.6	81
14	Multi-messenger astrophysics. Nature Reviews Physics, 2019, 1, 585-599.	11.9	79
15	GRB 130606A AS A PROBE OF THE INTERGALACTIC MEDIUM AND THE INTERSTELLAR MEDIUM IN A STAR-FORMING GALAXY IN THE FIRST Gyr AFTER THE BIG BANG. Astrophysical Journal, 2013, 774, 26.	1.6	77
16	Very Early Optical Afterglows of Gamma-â€Ray Bursts: Evidence for Relative Paucity of Detection. Astrophysical Journal, 2006, 652, 1416-1422.	1.6	75
17	DISCOVERY OF A COSMOLOGICAL, RELATIVISTIC OUTBURST VIA ITS RAPIDLY FADING OPTICAL EMISSION. Astrophysical Journal, 2013, 769, 130.	1.6	71
18	A Comprehensive Study of GRB 070125, A Most Energetic Gamma-â€Ray Burst. Astrophysical Journal, 2008, 683, 924-942.	1.6	70

#	ARTICLE	IF	CITATIONS
19	An early and comprehensive millimetre and centimetre wave and X-ray study of SN 2011dh: a non-equipartition blast wave expanding into a massive stellar wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 436, 1258-1267.	1.6	64
20	THE AFTERGLOW AND EARLY-TYPE HOST GALAXY OF THE SHORT GRB 150101B AT $z=0.1343$. <i>Astrophysical Journal</i> , 2016, 833, 151.	1.6	62
21	DISCOVERY OF A TRANSIENT GAMMA-RAY COUNTERPART TO FRB 131104. <i>Astrophysical Journal Letters</i> , 2016, 832, L1.	3.0	57
22	PTF 10fq: A LUMINOUS RED NOVA IN THE SPIRAL GALAXY MESSIER 99. <i>Astrophysical Journal</i> , 2011, 730, 134.	1.6	55
23	The Distances of Short-Hard Gamma-Ray Bursts and the Soft Gamma-Ray Repeater Connection. <i>Astrophysical Journal</i> , 2006, 640, 849-853.	1.6	54
24	iPTF14yb: THE FIRST DISCOVERY OF A GAMMA-RAY BURST AFTERGLOW INDEPENDENT OF A HIGH-ENERGY TRIGGER. <i>Astrophysical Journal Letters</i> , 2015, 803, L24.	3.0	50
25	HST EMISSION LINE GALAXIES AT $z \sim 2$: COMPARING PHYSICAL PROPERTIES OF LYMAN ALPHA AND OPTICAL EMISSION LINE SELECTED GALAXIES. <i>Astrophysical Journal</i> , 2016, 817, 79.	1.6	50
26	SPECTRAL ENERGY DISTRIBUTION FITTING OF HETDEX PILOT SURVEY Ly α EMITTERS IN COSMOS AND GOODS-N. <i>Astrophysical Journal</i> , 2014, 786, 59.	1.6	45
27	THE NEEDLE IN THE 100 deg ² HAYSTACK: UNCOVERING AFTERGLOWS OF FERMI GRBs WITH THE PALOMAR TRANSIENT FACTORY. <i>Astrophysical Journal</i> , 2015, 806, 52.	1.6	43
28	DISCOVERY AND EARLY MULTI-WAVELENGTH MEASUREMENTS OF THE ENERGETIC TYPE IC SUPERNOVA PTF12GZK: A MASSIVE-STAR EXPLOSION IN A DWARF HOST GALAXY. <i>Astrophysical Journal Letters</i> , 2012, 760, L33.	3.0	42
29	DISCOVERY OF RADIO AFTERGLOW FROM THE MOST DISTANT COSMIC EXPLOSION. <i>Astrophysical Journal Letters</i> , 2010, 712, L31-L35.	3.0	39
30	GRB 070125: The First Long-Duration Gamma-Ray Burst in a Halo Environment. <i>Astrophysical Journal</i> , 2008, 677, 441-447.	1.6	36
31	THE DUST ATTENUATION CURVE VERSUS STELLAR MASS FOR EMISSION LINE GALAXIES AT $z \sim 2$. <i>Astrophysical Journal</i> , 2015, 814, 162.	1.6	31
32	The Astrophysical Multimessenger Observatory Network (AMON): Performance and science program. <i>Astroparticle Physics</i> , 2020, 114, 68-76.	1.9	30
33	Fast Radio Bursts with Extended Gamma-Ray Emission?. <i>Astrophysical Journal Letters</i> , 2017, 836, L6.	3.0	27
34	An Upper Mass Limit on a Red Supergiant Progenitor for the Type II-Plateau Supernova SN 2006my1. <i>Publications of the Astronomical Society of the Pacific</i> , 2008, 120, 1259-1266.	1.0	17
35	SEARCH FOR BLAZAR FLUX-CORRELATED TEV NEUTRINOS IN ICECUBE 40-STRING DATA. <i>Astrophysical Journal</i> , 2016, 833, 117.	1.6	16
36	A Coincidence Search for Cosmic Neutrino and Gamma-Ray Emitting Sources Using IceCube and Fermi-LAT Public Data. <i>Astrophysical Journal</i> , 2018, 863, 64.	1.6	15

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37	Calibrating the Cosmic Distance Ladder Using Gravitational-wave Observations. <i>Astrophysical Journal</i> , 2019, 886, 71.	1.6	13
38	Search for Multi-flare Neutrino Emissions in 10 yr of IceCube Data from a Catalog of Sources. <i>Astrophysical Journal Letters</i> , 2021, 920, L45.	3.0	12
39	ALMA and NOEMA constraints on synchrotron nebular emission from embryonic superluminous supernova remnants and radio- γ connection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 44-51.	1.6	11
40	A LIMIT ON THE NUMBER OF ISOLATED NEUTRON STARS DETECTED IN THE ROSAT ALL-SKY-SURVEY BRIGHT SOURCE CATALOG. <i>Astrophysical Journal</i> , 2010, 714, 1424-1440.	1.6	10
41	Multimessenger Gamma-Ray and Neutrino Coincidence Alerts Using HAWC and IceCube Subthreshold Data. <i>Astrophysical Journal</i> , 2021, 906, 63.	1.6	9
42	Peak luminosities of bursts from GRO J1744-28 measured with the RXTE PCA; Italia: wij post 17 two 4s \hat{a} a one man marching band \hat{a} got darn brighth. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1999, 69, 210-215.	0.5	6
43	A Search for Cosmic Neutrino and Gamma-Ray Emitting Transients in 7.3 yr of ANTARES and Fermi LAT Data. <i>Astrophysical Journal</i> , 2019, 886, 98.	1.6	6
44	BlackCAT CubeSat: a soft x-ray sky monitor, transient finder, and burst detector for high-energy and multimessenger astrophysics. , 2018, , .		6
45	Swift Follow-up Observations of Gravitational-wave and High-energy Neutrino Coincident Signals. <i>Astrophysical Journal</i> , 2021, 909, 126.	1.6	5
46	Observations of short gamma-ray bursts. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1293-1305.	1.6	4
47	Could the GRB-supernovae GRB \hat{a} f031203 and XRF \hat{a} f060218 be cosmic twins?. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 404, 1018-1028.	1.6	4
48	Multimessenger observations of counterparts to IceCube-190331A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 2553-2561.	1.6	2
49	DISENTANGLING AGN AND STAR FORMATION ACTIVITY AT HIGH REDSHIFT USING HUBBLE SPACE TELESCOPE GRISM SPECTROSCOPY. <i>Astrophysical Journal</i> , 2016, 826, 172.	1.6	2
50	The Robotic Palomar 60-Inch Optical Afterglow Catalog: 2005 \hat{a} “2006. <i>AIP Conference Proceedings</i> , 2008, , .	0.3	0
51	The most distant cosmological explosion. , 2011, , .		0