

Alex G Kim

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

20,525
citations

172457

29
h-index

206112

48
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50
all docs

50
docs citations

50
times ranked

9931
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy of environmental tracers and consequences for determining the Type Ia supernova magnitude step. <i>Astronomy and Astrophysics</i> , 2022, 657, A22.	5.1	16
2	Out of one, many: distinguishing time delays from lensed supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 1210-1217.	4.4	5
3	Lensing without borders – I. A blind comparison of the amplitude of galaxy–galaxy lensing between independent imaging surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 510, 6150-6189.	4.4	12
4	Characterizing the Sample Selection for Supernova Cosmology. <i>The Open Journal of Astrophysics</i> , 2021, 4, .	2.8	1
5	Be It Unresolved: Measuring Time Delays from Lensed Supernovae. <i>Astrophysical Journal</i> , 2021, 910, 65.	4.5	10
6	The first Hubble diagram and cosmological constraints using superluminous supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 504, 2535-2549.	4.4	18
7	The Twins Embedding of Type Ia Supernovae. II. Improving Cosmological Distance Estimates. <i>Astrophysical Journal</i> , 2021, 912, 71.	4.5	12
8	The Twins Embedding of Type Ia Supernovae. I. The Diversity of Spectra at Maximum Light. <i>Astrophysical Journal</i> , 2021, 912, 70.	4.5	11
9	OzDES Reverberation Mapping Programme: the first Mg λ 7890 lags from 5 yr of monitoring. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 3771-3788.	4.4	24
10	Optimizing a magnitude-limited spectroscopic training sample for photometric classification of supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1-18.	4.4	4
11	The effect of environment on Type Ia supernovae in the Dark Energy Survey three-year cosmological sample. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 4861-4876.	4.4	42
12	Complementarity of peculiar velocity surveys and redshift space distortions for testing gravity. <i>Physical Review D</i> , 2020, 101, .	4.7	16
13	OzDES multi-object fibre spectroscopy for the Dark Energy Survey: results and second data release. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 19-35.	4.4	43
14	Enabling Catalog Simulations of Transient and Variable Sources Based on LSST Cadence Strategies. <i>Astrophysical Journal, Supplement Series</i> , 2020, 247, 60.	7.7	5
15	Quasar Accretion Disk Sizes from Continuum Reverberation Mapping in the DES Standard-star Fields. <i>Astrophysical Journal, Supplement Series</i> , 2020, 246, 16.	7.7	33
16	First Cosmology Results using Supernovae Ia from the Dark Energy Survey: Survey Overview, Performance, and Supernova Spectroscopy. <i>Astronomical Journal</i> , 2020, 160, 267.	4.7	27
17	The SNEMO and SUGAR Companion Data Sets. <i>Research Notes of the AAS</i> , 2020, 4, 63.	0.7	5
18	First Cosmology Results Using Type Ia Supernovae from the Dark Energy Survey: Photometric Pipeline and Light-curve Data Release. <i>Astrophysical Journal</i> , 2019, 874, 106.	4.5	60

#	ARTICLE	IF	CITATIONS
19	Superluminous supernovae from the Dark Energy Survey. Monthly Notices of the Royal Astronomical Society, 2019, 487, 2215-2241.	4.4	67
20	Steve: A Hierarchical Bayesian Model for Supernova Cosmology. Astrophysical Journal, 2019, 876, 15.	4.5	19
21	Cosmological Constraints from Multiple Probes in the Dark Energy Survey. Physical Review Letters, 2019, 122, 171301.	7.8	86
22	First cosmology results using Type Ia supernova from the Dark Energy Survey: simulations to correct supernova distance biases. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1171-1187.	4.4	62
23	First Cosmology Results Using SNe Ia from the Dark Energy Survey: Analysis, Systematic Uncertainties, and Validation. Astrophysical Journal, 2019, 874, 150.	4.5	92
24	First Cosmology Results using Type Ia Supernovae from the Dark Energy Survey: Constraints on Cosmological Parameters. Astrophysical Journal Letters, 2019, 872, L30.	8.3	201
25	SNEMO: Improved Empirical Models for Type Ia Supernovae. Astrophysical Journal, 2018, 869, 167.	4.5	37
26	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local $H_0 \pm 1\sigma$ (Corrigendum). Astronomy and Astrophysics, 2018, 612, C1.	5.1	3
27	Dark Energy Survey Year 1 Results: redshift distributions of the weak-lensing source galaxies. Monthly Notices of the Royal Astronomical Society, 2018, 478, 592-610.	4.4	145
28	The Extinction Properties of and Distance to the Highly Reddened Type Ia Supernova 2012cu. Astrophysical Journal, 2017, 836, 157.	4.5	18
29	OzDES multifibre spectroscopy for the Dark Energy Survey: 3-yr results and first data release. Monthly Notices of the Royal Astronomical Society, 2017, 472, 273-288.	4.4	65
30	Measuring the Growth Rate of Structure with Type Ia Supernovae from LSST. Astrophysical Journal, 2017, 847, 128.	4.5	37
31	redMaGiC: selecting luminous red galaxies from the DES Science Verification data. Monthly Notices of the Royal Astronomical Society, 2016, 461, 1431-1450.	4.4	156
32	IMPROVING COSMOLOGICAL DISTANCE MEASUREMENTS USING TWIN TYPE IA SUPERNOVAE. Astrophysical Journal, 2015, 815, 58.	4.5	47
33	OzDES multifibre spectroscopy for the Dark Energy Survey: first-year operation and results. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3047-3063.	4.4	75
34	TYPE Ia SUPERNOVA DISTANCE MODULUS BIAS AND DISPERSION FROM K -CORRECTION ERRORS: A DIRECT MEASUREMENT USING LIGHT CURVE FITS TO OBSERVED SPECTRAL TIME SERIES. Astrophysical Journal, 2015, 800, 57.	4.5	8
35	CONFIRMATION OF A STAR FORMATION BIAS IN TYPE Ia SUPERNOVA DISTANCES AND ITS EFFECT ON THE MEASUREMENT OF THE HUBBLE CONSTANT. Astrophysical Journal, 2015, 802, 20.	4.5	171
36	A metric space for Type Ia supernova spectra. Monthly Notices of the Royal Astronomical Society, 2015, 447, 1247-1266.	4.4	16

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37	Type Ia supernova bolometric light curves and ejected mass estimates from the Nearby Supernova Factory. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1498-1518.	4.4	105
38	HOST GALAXIES OF TYPE Ia SUPERNOVAE FROM THE NEARBY SUPERNOVA FACTORY. <i>Astrophysical Journal</i> , 2013, 770, 107.	4.5	63
39	HOST GALAXY PROPERTIES AND HUBBLE RESIDUALS OF TYPE Ia SUPERNOVAE FROM THE NEARBY SUPERNOVA FACTORY. <i>Astrophysical Journal</i> , 2013, 770, 108.	4.5	123
40	STANDARDIZING TYPE Ia SUPERNOVA ABSOLUTE MAGNITUDES USING GAUSSIAN PROCESS DATA REGRESSION. <i>Astrophysical Journal</i> , 2013, 766, 84.	4.5	40
41	Evidence of environmental dependencies of Type Ia supernovae from the Nearby Supernova Factory indicated by local $H(z)$. <i>Astronomy and Astrophysics</i> , 2013, 560, A66.	5.1	151
42	SUPERNOVA SIMULATIONS AND STRATEGIES FOR THE DARK ENERGY SURVEY. <i>Astrophysical Journal</i> , 2012, 753, 152.	4.5	152
43	SPECTRA AND HUBBLE SPACE TELESCOPE LIGHT CURVES OF SIX TYPE Ia SUPERNOVAE AT $z = 1.12$ AND THE UNION2 COMPILATION. <i>Astrophysical Journal</i> , 2010, 716, 712-738.	4.5	1,143
44	Improved Cosmological Constraints from New, Old, and Combined Supernova Data Sets. <i>Astrophysical Journal</i> , 2008, 686, 749-778.	4.5	1,217
45	Type Ia supernova diversity: Standardizing the candles. , 2007, , .		1
46	Effects of systematic uncertainties on the supernova determination of cosmological parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 347, 909-920.	4.4	127
47	New Constraints on M , β , and w from an Independent Set of 11 High-Redshift Supernovae Observed with the Hubble Space Telescope. <i>Astrophysical Journal</i> , 2003, 598, 102-137.	4.5	1,406
48	K α Corrections and Extinction Corrections for Type Ia Supernovae. <i>Publications of the Astronomical Society of the Pacific</i> , 2002, 114, 803-819.	3.1	263
49	Measurements of Ω and β from 42 High-Redshift Supernovae. <i>Astrophysical Journal</i> , 1999, 517, 565-586.	4.5	14,066
50	SN 2012dn from early to late times: 09dc-like supernovae reassessed.... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	19