

Brandon C Kelly

List of Publications by Year in descending order

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37
papers

4,534
citations

147801

31
h-index

302126

39
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40
all docs

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docs citations

40
times ranked

5488
citing authors

#	ARTICLE	IF	CITATIONS
1	Some Aspects of Measurement Error in Linear Regression of Astronomical Data. <i>Astrophysical Journal</i> , 2007, 665, 1489-1506.	4.5	985
2	ARE THE VARIATIONS IN QUASAR OPTICAL FLUX DRIVEN BY THERMAL FLUCTUATIONS?. <i>Astrophysical Journal</i> , 2009, 698, 895-910.	4.5	574
3	A DESCRIPTION OF QUASAR VARIABILITY MEASURED USING REPEATED SDSS AND POSS IMAGING. <i>Astrophysical Journal</i> , 2012, 753, 106.	4.5	218
4	Gemini Near-Infrared Spectroscopy of Luminous $z \sim 6$ Quasars: Chemical Abundances, Black Hole Masses, and Mg Absorption. <i>Astronomical Journal</i> , 2007, 134, 1150-1161.	4.7	202
5	FLEXIBLE AND SCALABLE METHODS FOR QUANTIFYING STOCHASTIC VARIABILITY IN THE ERA OF MASSIVE TIME-DOMAIN ASTRONOMICAL DATA SETS. <i>Astrophysical Journal</i> , 2014, 788, 33.	4.5	177
6	Using the Fundamental Plane of black hole activity to distinguish X-ray processes from weakly accreting black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 267-286.	4.4	172
7	THE SLOAN DIGITAL SKY SURVEY REVERBERATION MAPPING PROJECT: TECHNICAL OVERVIEW. <i>Astrophysical Journal</i> , Supplement Series, 2015, 216, 4.	7.7	151
8	CONSTRAINTS ON BLACK HOLE GROWTH, QUASAR LIFETIMES, AND EDDINGTON RATIO DISTRIBUTIONS FROM THE SDSS BROAD-LINE QUASAR BLACK HOLE MASS FUNCTION. <i>Astrophysical Journal</i> , 2010, 719, 1315-1334.	4.5	147
9	THE DEMOGRAPHICS OF BROAD-LINE QUASARS IN THE MASS-LUMINOSITY PLANE. II. BLACK HOLE MASS AND EDDINGTON RATIO FUNCTIONS. <i>Astrophysical Journal</i> , 2013, 764, 45.	4.5	135
10	A STOCHASTIC MODEL FOR THE LUMINOSITY FLUCTUATIONS OF ACCRETING BLACK HOLES. <i>Astrophysical Journal</i> , 2011, 730, 52.	4.5	123
11	THE COSMOS ACTIVE GALACTIC NUCLEUS SPECTROSCOPIC SURVEY. I. XMM-NEWTON COUNTERPARTS. <i>Astrophysical Journal</i> , 2009, 696, 1195-1212.	4.5	122
12	RECALIBRATION OF THE VIRIAL FACTOR AND $M_{\text{BH}} - \dot{M}$ RELATION FOR LOCAL ACTIVE GALAXIES. <i>Astrophysical Journal</i> , Supplement Series, 2012, 203, 6.	7.7	120
13	ACCRETION RATE AND THE PHYSICAL NATURE OF UNOBSERVED ACTIVE GALAXIES. <i>Astrophysical Journal</i> , 2011, 733, 60.	4.5	116
14	The linewidth-size relationship in the dense interstellar medium of the Central Molecular Zone. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 720-729.	4.4	115
15	THE LUMINOSITY FUNCTION AT $z \sim 8$ FROM 97 Y -BAND DROPOUTS: INFERENCES ABOUT REIONIZATION. <i>Astrophysical Journal</i> , 2014, 786, 57.	4.5	112
16	X-RAY CONSTRAINTS ON THE LOCAL SUPERMASSIVE BLACK HOLE OCCUPATION FRACTION. <i>Astrophysical Journal</i> , 2015, 799, 98.	4.5	109
17	DUST SPECTRAL ENERGY DISTRIBUTIONS IN THE ERA OF HERSCHEL AND PLANCK: A HIERARCHICAL BAYESIAN-FITTING TECHNIQUE. <i>Astrophysical Journal</i> , 2012, 752, 55.	4.5	104
18	THE DEMOGRAPHICS OF BROAD-LINE QUASARS IN THE MASS-LUMINOSITY PLANE. I. TESTING FWHM-BASED VIRIAL BLACK HOLE MASSES. <i>Astrophysical Journal</i> , 2012, 746, 169.	4.5	98

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19	Observational Constraints on the Dependence of Radio-quiet Quasar X-ray Emission on Black Hole Mass and Accretion Rate. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 355-373.	7.7	81
20	Evidence for a non-universal Kennicutt-Schmidt relationship using hierarchical Bayesian linear regression. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 288-304.	4.4	65
21	THE IMPACT OF THE UNCERTAINTY IN SINGLE-EPOCH VIRIAL BLACK HOLE MASS ESTIMATES ON THE OBSERVED EVOLUTION OF THE BLACK HOLE-BULGE SCALING RELATIONS. <i>Astrophysical Journal</i> , 2010, 713, 41-45.	4.5	63
22	Evolution of the X-ray Emission of Radio-quiet Quasars. <i>Astrophysical Journal</i> , 2007, 657, 116-134.	4.5	57
23	OBSERVATIONAL LIMITS ON TYPE 1 ACTIVE GALACTIC NUCLEUS ACCRETION RATE IN COSMOS. <i>Astrophysical Journal</i> , 2009, 700, 49-55.	4.5	54
24	Data mining for gravitationally lensed quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 448, 1446-1462.	4.4	53
25	Mass Functions of Supermassive Black Holes across Cosmic Time. <i>Advances in Astronomy</i> , 2012, 2012, 1-21.	1.1	50
26	THE NATURE OF OPTICALLY DULL ACTIVE GALACTIC NUCLEI IN COSMOS. <i>Astrophysical Journal</i> , 2009, 706, 797-809.	4.5	49
27	ACTIVE GALACTIC NUCLEUS BLACK HOLE MASS ESTIMATES IN THE ERA OF TIME DOMAIN ASTRONOMY. <i>Astrophysical Journal</i> , 2013, 779, 187.	4.5	49
28	Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 127, 625-645.	4.7	44
29	Virial Masses of Black Holes from Single Epoch Spectra of Active Galactic Nuclei. <i>Astrophysical Journal, Supplement Series</i> , 2007, 168, 1-18.	7.7	44
30	DETERMINING QUASAR BLACK HOLE MASS FUNCTIONS FROM THEIR BROAD EMISSION LINES: APPLICATION TO THE BRIGHT QUASAR SURVEY. <i>Astrophysical Journal</i> , 2009, 692, 1388-1410.	4.5	42
31	A Flexible Method of Estimating Luminosity Functions. <i>Astrophysical Journal</i> , 2008, 682, 874-895.	4.5	37
32	A quasar-galaxy mixing diagram: quasar spectral energy distribution shapes in the optical to near-infrared. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 434, 3104-3121.	4.4	23
33	Morphological Classification of Galaxies by Shapelet Decomposition in the Sloan Digital Sky Survey. II. Multiwavelength Classification. <i>Astronomical Journal</i> , 2005, 129, 1287-1310.	4.7	16
34	SPECTROPOLARIMETRIC EVIDENCE FOR RADIATIVELY INEFFICIENT ACCRETION IN AN OPTICALLY DULL ACTIVE GALAXY. <i>Astrophysical Journal</i> , 2011, 732, 23.	4.5	15
35	Measurement Error Models in Astronomy. <i>Lecture Notes in Statistics</i> , 2012, , 147-162.	0.2	4
36	Testing the blazar sequence and black hole mass scaling with BL Lac objects. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 178-179.	0.0	2

#	ARTICLE	IF	CITATIONS
37	The Distribution and Evolution of Black Hole Mass in Broad Line Quasars. Proceedings of the International Astronomical Union, 2009, 5, 263-263.	0.0	0