

Andrew C Becker

List of Publications by Year in descending order

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29
papers

9,851
citations

236925

25
h-index

477307

29
g-index

30
all docs

30
docs citations

30
times ranked

8508
citing authors

#	ARTICLE	IF	CITATIONS
1	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
2	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
3	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	7.7	1,202
4	FIRST-YEAR SLOAN DIGITAL SKY SURVEY-II SUPERNOVA RESULTS: HUBBLE DIAGRAM AND COSMOLOGICAL PARAMETERS. <i>Astrophysical Journal, Supplement Series</i> , 2009, 185, 32-84.	7.7	565
5	The Hyper Suprime-Cam software pipeline. <i>Publication of the Astronomical Society of Japan</i> , 2018, 70, .	2.5	346
6	A DESCRIPTION OF QUASAR VARIABILITY MEASURED USING REPEATED SDSS AND POSS IMAGING. <i>Astrophysical Journal</i> , 2012, 753, 106.	4.5	218
7	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
8	LIGHT CURVE TEMPLATES AND GALACTIC DISTRIBUTION OF RR LYRAE STARS FROM SLOAN DIGITAL SKY SURVEY STRIPE 82. <i>Astrophysical Journal</i> , 2010, 708, 717-741.	4.5	174
9	THE SLOAN DIGITAL SKY SURVEY COADD: 275 deg ² OF DEEP SLOAN DIGITAL SKY SURVEY IMAGING ON STRIPE 82. <i>Astrophysical Journal</i> , 2014, 794, 120.	4.5	157
10	EXPLORING THE VARIABLE SKY WITH LINEAR. III. CLASSIFICATION OF PERIODIC LIGHT CURVES. <i>Astronomical Journal</i> , 2013, 146, 101.	4.7	115
11	The Data Release of the Sloan Digital Sky Survey-II Supernova Survey. <i>Publications of the Astronomical Society of the Pacific</i> , 2018, 130, 064002.	3.1	109
12	M DWARFS IN SLOAN DIGITAL SKY SURVEY STRIPE 82: PHOTOMETRIC LIGHT CURVES AND FLARE RATE ANALYSIS. <i>Astronomical Journal</i> , 2009, 138, 633-648.	4.7	105
13	EXPLORING THE VARIABLE SKY WITH LINEAR. II. HALO STRUCTURE AND SUBSTRUCTURE TRACED BY RR LYRAE STARS TO 30 kpc. <i>Astronomical Journal</i> , 2013, 146, 21.	4.7	88
14	Using Line Profiles to Test the Fraternity of Type Ia Supernovae at High and Low Redshifts. <i>Astronomical Journal</i> , 2006, 131, 1648-1666.	4.7	87
15	Ultracompact AM Canum Venaticorum Binaries from the Sloan Digital Sky Survey: Three Candidates Plus the First Confirmed Eclipsing System. <i>Astronomical Journal</i> , 2005, 130, 2230-2236.	4.7	67
16	MULTI-WAVELENGTH CHARACTERIZATION OF STELLAR FLARES ON LOW-MASS STARS USING SDSS AND 2MASS TIME-DOMAIN SURVEYS. <i>Astrophysical Journal</i> , 2012, 748, 58.	4.5	66
17	The SDSS+2MASS+WISE 10-dimensional stellar colour locus. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 3430-3438.	4.4	64
18	Ensemble properties of comets in the Sloan Digital Sky Survey. <i>Icarus</i> , 2012, 218, 571-584.	2.5	61

#	ARTICLE	IF	CITATIONS
19	Spectroscopy of High-Redshift Supernovae from the ESSENCE Project: The First 2 Years. <i>Astronomical Journal</i> , 2005, 129, 2352-2375.	4.7	58
20	EXPLORING THE VARIABLE SKY WITH LINEAR. I. PHOTOMETRIC RECALIBRATION WITH THE SLOAN DIGITAL SKY SURVEY. <i>Astronomical Journal</i> , 2011, 142, 190.	4.7	58
21	CHARACTERIZING THE OPTICAL VARIABILITY OF BRIGHT BLAZARS: VARIABILITY-BASED SELECTION OF FERMI ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2012, 760, 51.	4.5	42
22	Hubble Space Telescope Observations of Nine High-Redshift ESSENCE Supernovae. <i>Astronomical Journal</i> , 2005, 130, 2453-2472.	4.7	38
23	THE VERY SHORT PERIOD M DWARF BINARY SDSS J001641+000925. <i>Astrophysical Journal</i> , 2013, 764, 62.	4.5	33
24	VARIABILITY-BASED ACTIVE GALACTIC NUCLEUS SELECTION USING IMAGE SUBTRACTION IN THE SDSS AND LSST ERA. <i>Astrophysical Journal</i> , 2014, 782, 37.	4.5	28
25	TWO MORE CANDIDATE AM CANUM VENATICORUM (AM CVn) BINARIES FROM THE SLOAN DIGITAL SKY SURVEY. <i>Astronomical Journal</i> , 2008, 135, 2108-2113.	4.7	27
26	USING CLOSE WHITE DWARF+M DWARF STELLAR PAIRS TO CONSTRAIN THE FLARE RATES IN CLOSE STELLAR BINARIES. <i>Astronomical Journal</i> , 2016, 151, 114.	4.7	8
27	HIGH-PRECISION 2MASS JHK LIGHT CURVES AND OTHER DATA FOR RR LYRAE STAR SDSS J015450 + 001501: STRONG CONSTRAINTS FOR NONLINEAR PULSATION MODELS. <i>Astrophysical Journal</i> , 2014, 780, 92.	4.5	7
28	SDSS J14584479+3720215: A BENCHMARK JHK S BLAZAR LIGHT CURVE FROM THE 2MASS CALIBRATION SCANS. <i>Astrophysical Journal</i> , 2015, 803, 2.	4.5	4
29	Transit Timing Observations of the Extrasolar Hot-Neptune Planet GL 436 b. , 2009, , .		0