

J Allyn Smith

List of Publications by Year in descending order

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73
papers

32,883
citations

36303

51
h-index

85541

71
g-index

74
all docs

74
docs citations

74
times ranked

12175
citing authors

#	ARTICLE	IF	CITATIONS
1	Photometric cross-calibration of the SDSS Stripe 82 Standard Stars catalogue with Gaia EDR3, and comparison with Pan-STARRS1, DES, CFIS, and <i>GALEX</i> catalogues. Monthly Notices of the Royal Astronomical Society, 2021, 505, 5941-5956.	4.4	17
2	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	7.7	93
3	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	7.7	120
4	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Starâ€“Black Hole Merger GW190814. Astrophysical Journal, 2021, 923, 258.	4.5	19
5	A Statistical Standard Siren Measurement of the Hubble Constant from the LIGO/Virgo Gravitational Wave Compact Object Merger GW190814 and Dark Energy Survey Galaxies. Astrophysical Journal Letters, 2020, 900, L33.	8.3	74
6	LSST: From Science Drivers to Reference Design and Anticipated Data Products. Astrophysical Journal, 2019, 873, 111.	4.5	1,744
7	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2018, 235, 33.	7.7	192
8	Forward Global Photometric Calibration of the Dark Energy Survey. Astronomical Journal, 2018, 155, 41.	4.7	74
9	The Dark Energy Survey: Data Release 1. Astrophysical Journal, Supplement Series, 2018, 239, 18.	7.7	455
10	Discovery of a new quasar: SDSS J022155.26â€“064916.6. Astronomische Nachrichten, 2017, 338, 635-638.	1.2	1
11	Absolute Calibration of Astronomical Flux Standards. , 2013, , 375-402.		3
12	THE MILKY WAY TOMOGRAPHY WITH SLOAN DIGITAL SKY SURVEY. IV. DISSECTING DUST. Astrophysical Journal, 2012, 757, 166.	4.5	60
13	MID-INFRARED SPECTROSCOPY OF TWO LENSED STAR-FORMING GALAXIES. Astrophysical Journal, 2010, 723, 729-736.	4.5	16
14	THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. Astrophysical Journal, 2010, 716, 1-29.	4.5	185
15	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITH<i>g</i>= 14-20. Astronomical Journal, 2009, 137, 4377-4399.	4.7	905
16	New faint optical spectrophotometric standards: hot white dwarfs from the Sloan Digital Sky Survey. Monthly Notices of the Royal Astronomical Society, 2009, 396, 759-771.	4.4	15
17	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. Astrophysical Journal, Supplement Series, 2009, 182, 543-558.	7.7	4,201
18	The Sixth Data Release of the Sloan Digital Sky Survey. Astrophysical Journal, Supplement Series, 2008, 175, 297-313.	7.7	1,202

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19	The Milky Way Tomography with SDSS. II. Stellar Metallicity. <i>Astrophysical Journal</i> , 2008, 684, 287-325.	4.5	456
20	Additional Ultracool White Dwarfs Found in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2008, 679, 697-703.	4.5	30
21	Cats and Dogs, Hair and a Hero: A Quintet of New Milky Way Companions. <i>Astrophysical Journal</i> , 2007, 654, 897-906.	4.5	646
22	A Survey of Open Clusters in the i Filter System. III. Results for the Cluster NGC 188. <i>Astronomical Journal</i> , 2007, 133, 1409-1420.	4.7	24
23	Exploring the Variable Sky with the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2007, 134, 2236-2251.	4.7	274
24	Sloan Digital Sky Survey Standard Star Catalog for Stripe 82: The Dawn of Industrial 1% Optical Photometry. <i>Astronomical Journal</i> , 2007, 134, 973-998.	4.7	266
25	CPD -20 1123 (Albus 1) Is a Bright He-B Subdwarf. <i>Astrophysical Journal</i> , 2007, 668, L59-L61.	4.5	9
26	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2007, 172, 634-644.	7.7	615
27	LP 133-373: A New Chromospherically Active Eclipsing dMe Binary with a Distant, Cool White Dwarf Companion. <i>Astrophysical Journal</i> , 2007, 661, 1112-1118.	4.5	24
28	A Curious Milky Way Satellite in Ursa Major. <i>Astrophysical Journal</i> , 2006, 650, L41-L44.	4.5	283
29	A Catalog of Spectroscopically Selected Close Binary Systems from the Sloan Digital Sky Survey Data Release Four. <i>Astronomical Journal</i> , 2006, 131, 1674-1686.	4.7	107
30	A Faint New Milky Way Satellite in Bootes. <i>Astrophysical Journal</i> , 2006, 647, L111-L114.	4.5	359
31	The Fourth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , Supplement Series, 2006, 162, 38-48.	7.7	948
32	The White Dwarf Luminosity Function from Sloan Digital Sky Survey Imaging Data. <i>Astronomical Journal</i> , 2006, 131, 571-581.	4.7	154
33	LP 400-22, a Very Low Mass and High-Velocity White Dwarf. <i>Astrophysical Journal</i> , 2006, 643, L123-L126.	4.5	28
34	A New Milky Way Dwarf Satellite in Canes Venatici. <i>Astrophysical Journal</i> , 2006, 643, L103-L106.	4.5	319
35	Improved i to $UBVR$ Transformation Equations for Main-Sequence Stars. <i>Astronomical Journal</i> , 2006, 132, 989-993.	4.7	39
36	The 2dF-SDSS LRG and QSO (2SLAQ) Luminous Red Galaxy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 372, 425-442.	4.4	153

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37	Where Are the Magnetic White Dwarfs with Detached, Nondegenerate Companions?. <i>Astronomical Journal</i> , 2005, 129, 2376-2381.	4.7	73
38	A Catalog of Very Isolated Galaxies from the Sloan Digital Sky Survey Data Release 1. <i>Astronomical Journal</i> , 2005, 129, 2062-2073.	4.7	34
39	The Sloan Digital Sky Survey View of the Palomar-Green Bright Quasar Survey. <i>Astronomical Journal</i> , 2005, 130, 873-895.	4.7	528
40	Photometric Accretion Signatures Near the Substellar Boundary. <i>Astronomical Journal</i> , 2005, 130, 1752-1762.	4.7	5
41	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	4.7	634
42	A Survey of Open Clusters in the $g'r'i'z'$ Filter System. I. Results for NGC 2548 (M48). <i>Astronomical Journal</i> , 2004, 127, 2210-2227.	4.7	24
43	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. <i>Astronomical Journal</i> , 2004, 128, 2577-2592.	4.7	73
44	A Catalog of Spectroscopically Identified White Dwarf Stars in the First Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2004, 607, 426-444.	4.5	193
45	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	4.7	953
46	A Second Stellar Color Locus: a Bridge from White Dwarfs to M stars. <i>Astrophysical Journal</i> , 2004, 615, L141-L144.	4.5	73
47	Merging Galaxies in the Sloan Digital Sky Survey Early Data Release. <i>Astronomical Journal</i> , 2004, 127, 1883-1899.	4.7	31
48	The V1647 Orionis (IRAS 05436 \hat{a} \hat{r} 0007) Protostar and Its Environment. <i>Astrophysical Journal</i> , 2004, 616, 1058-1064.	4.5	24
49	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	4.7	800
50	SDSS White Dwarfs with Spectra Showing Atomic Oxygen and/or Carbon Lines. <i>Astronomical Journal</i> , 2003, 126, 2521-2528.	4.7	43
51	Local $g'r'i'z'$ Standard Stars in the Chandra Deep Field South. <i>Astronomical Journal</i> , 2003, 126, 2037-2047.	4.7	8
52	An Initial Survey of White Dwarfs in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 1023-1040.	4.7	85
53	Magnetic White Dwarfs from the Sloan Digital Sky Survey: The First Data Release. <i>Astrophysical Journal</i> , 2003, 595, 1101-1113.	4.5	126
54	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	4.7	2,003

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55	Infrared Photometry of Late-M, L, and T Dwarfs. <i>Astrophysical Journal</i> , 2002, 564, 452-465.	4.5	261
56	Toward Spectral Classification of L and T Dwarfs: Infrared and Optical Spectroscopy and Analysis. <i>Astrophysical Journal</i> , 2002, 564, 466-481.	4.5	392
57	The Standard-Star System. <i>Astronomical Journal</i> , 2002, 123, 2121-2144.	4.5	186
58	The Ghost of Sagittarius and Lumps in the Halo of the Milky Way. <i>Astrophysical Journal</i> , 2002, 569, 245-274.	4.5	633
59	White Dwarfs in Common Proper Motion Binary Systems: Mass Distribution and Kinematics. <i>Astronomical Journal</i> , 2001, 121, 503-516.	4.7	59
60	Solar System Objects Observed in the Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2001, 122, 2749-2784.	4.7	381
61	A New Very Cool White Dwarf Discovered by the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2001, 549, L109-L113.	4.5	48
62	Stellar Population Studies with the SDSS. I. The Vertical Distribution of Stars in the Milky Way. <i>Astrophysical Journal</i> , 2001, 553, 184-197.	4.5	303
63	The Missing Link: Early Methane (CH_4) Dwarfs in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2000, 536, L35-L38.	4.5	188
64	Candidate RR Lyrae Stars Found in Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2000, 120, 963-977.	4.7	208
65	Optical and Infrared Colors of Stars Observed by the Two Micron All Sky Survey and the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2000, 120, 2615-2626.	4.7	115
66	The Sloan Digital Sky Survey: Technical Summary. <i>Astronomical Journal</i> , 2000, 120, 1579-1587.	4.7	8,099
67	Weak Lensing with Sloan Digital Sky Survey Commissioning Data: The Galaxy-Mass Correlation Function to $1 \text{ h}^{-1} \text{ Mpc}$. <i>Astronomical Journal</i> , 2000, 120, 1198-1208.	4.7	163
68	Identification of A-colored Stars and Structure in the Halo of the Milky Way from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 2000, 540, 825-841.	4.5	308
69	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 1999, 118, 1-13.	4.7	128
70	The Discovery of a Field Methane Dwarf from Sloan Digital Sky Survey Commissioning Data. <i>Astrophysical Journal</i> , 1999, 522, L61-L64.	4.5	176
71	A lower limit of 9.5 Gyr on the age of the Galactic disk from the oldest white dwarf stars. <i>Nature</i> , 1996, 382, 692-694.	27.8	196
72	On the luminosity function of white dwarfs in wide binaries. , 1995, , 24-30.		7

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73	Spectrophotometry of Common Proper Motion Binaries Containing White Dwarf Components. , 1993, , 419-425.		8