

# J Allyn Smith

## List of Publications by Year in descending order

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Version: 2024-02-01

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	The Sloan Digital Sky Survey: Technical Summary. <i>Astronomical Journal</i> , 2000, 120, 1579-1587.	4.7	8,099
2	THE SEVENTH DATA RELEASE OF THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal, Supplement Series</i> , 2009, 182, 543-558.	7.7	4,201
3	Sloan Digital Sky Survey: Early Data Release. <i>Astronomical Journal</i> , 2002, 123, 485-548.	4.7	2,003
4	LSST: From Science Drivers to Reference Design and Anticipated Data Products. <i>Astrophysical Journal</i> , 2019, 873, 111.	4.5	1,744
5	The [CLC][ITAL]u[/ITAL][[/CLC][arcmin]â€²[CLC][ITAL]g[/ITAL][[/CLC][arcmin]â€²[CLC][ITAL]r[/ITAL][[/CLC][arcmin]â€²[CLC][ITAL]b[/ITAL][[/CLC] Standard-Star System. <i>Astronomical Journal</i> , 2002, 123, 2121-2144.	4.7	1,156
6	The Sixth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2008, 175, 297-313.	7.7	1,202
7	The Second Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 502-512.	4.7	953
8	The Fourth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2006, 162, 38-48.	7.7	948
9	SEGUE: A SPECTROSCOPIC SURVEY OF 240,000 STARS WITH $\langle i \rangle = 14-20$ . <i>Astronomical Journal</i> , 2009, 137, 4377-4399.	4.7	905
10	The First Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2003, 126, 2081-2086.	4.7	800
11	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
12	The Third Data Release of the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2005, 129, 1755-1759.	4.7	634
13	The Ghost of Sagittarius and Lumps in the Halo of the Milky Way. <i>Astrophysical Journal</i> , 2002, 569, 245-274.	4.5	633
14	The Fifth Data Release of the Sloan Digital Sky Survey. <i>Astrophysical Journal, Supplement Series</i> , 2007, 172, 634-644.	7.7	615
15	The Sloan Digital Sky Survey View of the Palomar-Green Bright Quasar Survey. <i>Astronomical Journal</i> , 2005, 130, 873-895.	4.7	528
16	The Milky Way Tomography with SDSS. II. Stellar Metallicity. <i>Astrophysical Journal</i> , 2008, 684, 287-325.	4.5	456
17	The Dark Energy Survey: Data Release 1. <i>Astrophysical Journal, Supplement Series</i> , 2018, 239, 18.	7.7	455
18	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

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19	Solar System Objects Observed in the Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2001, 122, 2749-2784.	4.7	381
20	A Faint New Milky Way Satellite in Bootes. <i>Astrophysical Journal</i> , 2006, 647, L111-L114.	4.5	359
21	A New Milky Way Dwarf Satellite in Canes Venatici. <i>Astrophysical Journal</i> , 2006, 643, L103-L106.	4.5	319
22	Identification of Aâ€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
23	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
24	A Curious Milky Way Satellite in Ursa Major. <i>Astrophysical Journal</i> , 2006, 650, L41-L44.	4.5	283
25	Exploring the Variable Sky with the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2007, 134, 2236-2251.	4.7	274
26	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
27	Infrared Photometry of Lateâ€M, L, and T Dwarfs. <i>Astrophysical Journal</i> , 2002, 564, 452-465.	4.5	261
28	Candidate RR Lyrae Stars Found in Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2000, 120, 963-977.	4.7	208
29	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
30	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
31	Dark Energy Survey Year 1 Results: The Photometric Data Set for Cosmology. <i>Astrophysical Journal</i> , Supplement Series, 2018, 235, 33.	7.7	192
32	The Missing Link: Early Methane (â€œTâ€) Dwarfs in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2000, 536, L35-L38.	4.5	188
33	THE MILKY WAY TOMOGRAPHY WITH SDSS. III. STELLAR KINEMATICS. <i>Astrophysical Journal</i> , 2010, 716, 1-29.	4.5	185
34	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
35	Weak Lensing with Sloan Digital Sky Survey Commissioning Data: The Galaxy-Mass Correlation Function to 1 [CLC][ITAL]h[ITAL][CLC][TSUP]âˆ1[TSUP] M[CLC]pc[CLC]. <i>Astronomical Journal</i> , 2000, 120, 1198-1208.	4.7	163
36	The White Dwarf Luminosity Function from Sloan Digital Sky Survey Imaging Data. <i>Astronomical Journal</i> , 2006, 131, 571-581.	4.7	154

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37	The 2dF-SDSS LRG and QSO (2SLAQ) Luminous Red Galaxy Survey. Monthly Notices of the Royal Astronomical Society, 2006, 372, 425-442.	4.4	153
38	High-Redshift Quasars Found in Sloan Digital Sky Survey Commissioning Data. Astronomical Journal, 1999, 118, 1-13.	4.7	128
39	Magnetic White Dwarfs from the Sloan Digital Sky Survey: The First Data Release. Astrophysical Journal, 2003, 595, 1101-1113.	4.5	126
40	The Dark Energy Survey Data Release 2. Astrophysical Journal, Supplement Series, 2021, 255, 20.	7.7	120
41	Optical and Infrared Colors of Stars Observed by the Two Micron All Sky Survey and the Sloan Digital Sky Survey. Astronomical Journal, 2000, 120, 2615-2626.	4.7	115
42	A Catalog of Spectroscopically Selected Close Binary Systems from the Sloan Digital Sky Survey Data Release Four. Astronomical Journal, 2006, 131, 1674-1686.	4.7	107
43	Dark Energy Survey Year 3 Results: Photometric Data Set for Cosmology. Astrophysical Journal, Supplement Series, 2021, 254, 24.	7.7	93
44	An Initial Survey of White Dwarfs in the Sloan Digital Sky Survey. Astronomical Journal, 2003, 126, 1023-1040.	4.7	85
45	Forward Global Photometric Calibration of the Dark Energy Survey. Astronomical Journal, 2018, 155, 41.	4.7	74
46	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
47	Sloan Digital Sky Survey Imaging of Low Galactic Latitude Fields: Technical Summary and Data Release. Astronomical Journal, 2004, 128, 2577-2592.	4.7	73
48	A Second Stellar Color Locus: a Bridge from White Dwarfs to M stars. Astrophysical Journal, 2004, 615, L141-L144.	4.5	73
49	Where Are the Magnetic White Dwarfs with Detached, Nondegenerate Companions?. Astronomical Journal, 2005, 129, 2376-2381.	4.7	73
50	THE MILKY WAY TOMOGRAPHY WITH SLOAN DIGITAL SKY SURVEY. IV. DISSECTING DUST. Astrophysical Journal, 2012, 757, 166.	4.5	60
51	White Dwarfs in Common Proper Motion Binary Systems: Mass Distribution and Kinematics. Astronomical Journal, 2001, 121, 503-516.	4.7	59
52	A New Very Cool White Dwarf Discovered by the Sloan Digital Sky Survey. Astrophysical Journal, 2001, 549, L109-L113.	4.5	48
53	SDSS White Dwarfs with Spectra Showing Atomic Oxygen and/or Carbon Lines. Astronomical Journal, 2003, 126, 2521-2528.	4.7	43
54	Improved $u$ - $g$ - $r$ - $i$ - $z$ to $UBVR$ Transformation Equations for Main-Sequence Stars. Astronomical Journal, 2006, 132, 989-993.	4.7	39

#	ARTICLE	IF	CITATIONS
55	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
56	Merging Galaxies in the Sloan Digital Sky Survey Early Data Release. <i>Astronomical Journal</i> , 2004, 127, 1883-1899.	4.7	31
57	Additional Ultracool White Dwarfs Found in the Sloan Digital Sky Survey. <i>Astrophysical Journal</i> , 2008, 679, 697-703.	4.5	30
58	LP 400-22, a Very Low Mass and High-Velocity White Dwarf. <i>Astrophysical Journal</i> , 2006, 643, L123-L126.	4.5	28
59	A Survey of Open Clusters in the u'g'r'i'z' Filter System. I. Results for NGC 2548 (M48). <i>Astronomical Journal</i> , 2004, 127, 2210-2227.	4.7	24
60	A Survey of Open Clusters in the u'g'r'i'z' Filter System. III. Results for the Cluster NGC 188. <i>Astronomical Journal</i> , 2007, 133, 1409-1420.	4.7	24
61	The V1647 Orionis (IRAS 05436+0007) Protostar and Its Environment. <i>Astrophysical Journal</i> , 2004, 616, 1058-1064.	4.5	24
62	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
63	The Gravity Collective: A Search for the Electromagnetic Counterpart to the Neutron Star-Black Hole Merger GW190814. <i>Astrophysical Journal</i> , 2021, 923, 258.	4.5	19
64	Photometric cross-calibration of the SDSS Stripe 82 Standard Stars catalogue with Gaia EDR3, and comparison with Pan-STARRS1, DES, CFIS, and GALEX catalogues. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5941-5956.	4.4	17
65	MID-INFRARED SPECTROSCOPY OF TWO LENSED STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2010, 723, 729-736.	4.5	16
66	New faint optical spectrophotometric standards: hot white dwarfs from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 759-771.	4.4	15
67	CPD -20 1123 (Albus 1) Is a Bright He-B Subdwarf. <i>Astrophysical Journal</i> , 2007, 668, L59-L61.	4.5	9
68	Local u'g'r'i'z' Standard Stars in the Chandra Deep Field South. <i>Astronomical Journal</i> , 2003, 126, 2037-2047.	4.7	8
69	Spectrophotometry of Common Proper Motion Binaries Containing White Dwarf Components. , 1993, , 419-425.		8
70	On the luminosity function of white dwarfs in wide binaries. , 1995, , 24-30.		7
71	Photometric Accretion Signatures Near the Substellar Boundary. <i>Astronomical Journal</i> , 2005, 130, 1752-1762.	4.7	5
72	Absolute Calibration of Astronomical Flux Standards. , 2013, , 375-402.		3

#	ARTICLE	IF	CITATIONS
73	Discovery of a new quasar: SDSS J022155.26â€064916.6. <i>Astronomische Nachrichten</i> , 2017, 338, 635-638.	1.2	1