

Benjamin A Sargent

List of Publications by Year in descending order

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28
papers

2,080
citations

394421

19
h-index

526287

27
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29
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29
docs citations

29
times ranked

1744
citing authors

#	ARTICLE	IF	CITATIONS
1	The Near-Infrared Spectrograph (NIRSpec) on the <i>James Webb</i> Space Telescope. <i>Astronomy and Astrophysics</i> , 2022, 661, A82.	5.1	39
2	Trends in Silicates in the $\hat{1}^2$ Pictoris Disk. <i>Astrophysical Journal</i> , 2022, 933, 54.	4.5	3
3	Dusty Stellar Birth and Death in the Metal-poor Galaxy NGC 6822. <i>Astrophysical Journal</i> , 2020, 892, 91.	4.5	6
4	Infrared Studies of the Variability and Mass Loss of Some of the Dustiest Asymptotic Giant Branch Stars in the Magellanic Clouds. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 498-499.	0.0	0
5	Alumina Polymorphism in the Circumstellar Dust Shells of Asymptotic Giant Branch Stars. <i>Astrophysical Journal Letters</i> , 2018, 866, L1.	8.3	2
6	Infrared Spectroscopic Studies of Gases in the Circumstellar Environments of Young Stellar Objects. <i>Proceedings of the International Astronomical Union</i> , 2018, 14, 365-366.	0.0	0
7	Discovery of a Group of Receding, Variable Halo Stars toward Norma. <i>Astrophysical Journal</i> , 2017, 844, 159.	4.5	1
8	THE MID-INFRARED EVOLUTION OF THE FU ORIONIS DISK. <i>Astrophysical Journal</i> , 2016, 832, 4.	4.5	10
9	SILICATE COMPOSITION OF THE INTERSTELLAR MEDIUM. <i>Astrophysical Journal</i> , 2016, 830, 71.	4.5	23
10	THE SPITZER INFRARED SPECTROGRAPH SURVEY OF PROTOPLANETARY DISKS IN ORION A. I. DISK PROPERTIES. <i>Astrophysical Journal</i> , Supplement Series, 2016, 226, 8.	7.7	17
11	THE DUSTIEST POST-MAIN SEQUENCE STARS IN THE MAGELLANIC CLOUDS. <i>Astrophysical Journal</i> , 2015, 811, 145.	4.5	20
12	THE <i>SPITZER</i> INFRARED SPECTROGRAPH DEBRIS DISK CATALOG. II. SILICATE FEATURE ANALYSIS OF UNRESOLVED TARGETS. <i>Astrophysical Journal</i> , 2015, 798, 87.	4.5	62
13	THE <i>SPITZER</i> INFRARED SPECTROGRAPH DEBRIS DISK CATALOG. I. CONTINUUM ANALYSIS OF UNRESOLVED TARGETS. <i>Astrophysical Journal</i> , Supplement Series, 2014, 211, 25.	7.7	196
14	THE HERSCHEL INVENTORY OF THE AGENTS OF GALAXY EVOLUTION IN THE MAGELLANIC CLOUDS, A HERSCHEL OPEN TIME KEY PROGRAM. <i>Astronomical Journal</i> , 2013, 146, 62.	4.7	135
15	TRANSITIONAL DISKS AND THEIR ORIGINS: AN INFRARED SPECTROSCOPIC SURVEY OF ORION A. <i>Astrophysical Journal</i> , 2013, 769, 149.	4.5	47
16	THE MASS-LOSS RETURN FROM EVOLVED STARS TO THE LARGE MAGELLANIC CLOUD. VI. LUMINOSITIES AND MASS-LOSS RATES ON POPULATION SCALES. <i>Astrophysical Journal</i> , 2012, 753, 71.	4.5	103
17	THE DUSTY CIRCUMSTELLAR DISKS OF B[e] SUPERGIANTS IN THE MAGELLANIC CLOUDS. <i>Astronomical Journal</i> , 2010, 139, 1993-2002.	4.7	37
18	THE EVOLUTIONARY STATE OF THE PRE-MAIN SEQUENCE POPULATION IN OPHIUCHUS: A LARGE INFRARED SPECTROGRAPH SURVEY. <i>Astrophysical Journal</i> , Supplement Series, 2010, 188, 75-122.	7.7	108

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19	CRYSTALLINE SILICATES AND DUST PROCESSING IN THE PROTOPLANETARY DISKS OF THE TAURUS YOUNG CLUSTER. <i>Astrophysical Journal, Supplement Series</i> , 2009, 180, 84-101.	7.7	120
20	MID-INFRARED SPECTRA OF TRANSITIONAL DISKS IN THE CHAMAELEON I CLOUD. <i>Astrophysical Journal</i> , 2009, 700, 1017-1025.	4.5	69
21	<i>Spitzer</i> IRS Spectra and Envelope Models of Class I Protostars in Taurus. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 184-215.	7.7	96
22	HD 98800: A 10 Myr Old Transition Disk. <i>Astrophysical Journal</i> , 2007, 664, 1176-1184.	4.5	75
23	<i>Spitzer</i> IRS Observations of FU Orionis Objects. <i>Astrophysical Journal</i> , 2006, 648, 1099-1109.	4.5	61
24	Dust Processing in Disks around T Tauri Stars. <i>Astrophysical Journal</i> , 2006, 645, 395-415.	4.5	67
25	<i>Spitzer</i> Spectroscopy of Dusty Disks around B[e] Hypergiants in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2006, 638, L29-L32.	4.5	47
26	A Survey and Analysis of <i>Spitzer</i> Infrared Spectrograph Spectra of T Tauri Stars in Taurus. <i>Astrophysical Journal, Supplement Series</i> , 2006, 165, 568-605.	7.7	337
27	Disks in Transition in the Taurus Population: <i>Spitzer</i> IRS Spectra of GM Aurigae and DM Tauri. <i>Astrophysical Journal</i> , 2005, 630, L185-L188.	4.5	339
28	Mid-Infrared Spectra of Class I Protostars in Taurus. <i>Astrophysical Journal, Supplement Series</i> , 2004, 154, 391-395.	7.7	57