

A S Szalay

List of Publications by Year in descending order

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29
papers

6,745
citations

331670

21
h-index

526287

27
g-index

32
all docs

32
docs citations

32
times ranked

4494
citing authors

#	ARTICLE	IF	CITATIONS
1	The statistics of peaks of Gaussian random fields. <i>Astrophysical Journal</i> , 1986, 304, 15.	4.5	2,575
2	Galaxy Luminosity Functions to $z \approx 1$ from DEEP2 and COMBO-17: Implications for Red Galaxy Formation. <i>Astrophysical Journal</i> , 2007, 665, 265-294.	4.5	890
3	Large-scale distribution of galaxies at the Galactic poles. <i>Nature</i> , 1990, 343, 726-728.	27.8	412
4	The Evolution of the Global Star Formation History as Measured from the Hubble Deep Field. <i>Astrophysical Journal</i> , 1997, 486, L11-L14.	4.5	350
5	Dust Attenuation in the Nearby Universe: A Comparison between Galaxies Selected in the Ultraviolet and in the Far-Infrared. <i>Astrophysical Journal</i> , 2005, 619, L51-L54.	4.5	282
6	The GALEX -VWDS Measurement of the Evolution of the Far-Ultraviolet Luminosity Density and the Cosmic Star Formation Rate. <i>Astrophysical Journal</i> , 2005, 619, L47-L50.	4.5	278
7	Galaxy Evolution Explorer Ultraviolet Color-Magnitude Relations and Evidence of Recent Star Formation in Early-Type Galaxies. <i>Astrophysical Journal</i> , 2005, 619, L111-L114.	4.5	277
8	Spectral Classification of Quasars in the Sloan Digital Sky Survey: Eigenspectra, Redshift, and Luminosity Effects. <i>Astronomical Journal</i> , 2004, 128, 2603-2630.	4.7	198
9	Spectral Classification of Galaxies: an Orthogonal Approach. <i>Astronomical Journal</i> , 1995, 110, 1071.	4.7	166
10	The DEEP Groth Strip Galaxy Redshift Survey. III. Redshift Catalog and Properties of Galaxies. <i>Astrophysical Journal</i> , 2005, 620, 595-617.	4.5	153
11	Distributions of Galaxy Spectral Types in the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2004, 128, 585-609.	4.7	147
12	Star Formation in the Nearby Universe: The Ultraviolet and Infrared Points of View. <i>Astrophysical Journal</i> , Supplement Series, 2006, 164, 38-51.	7.7	131
13	Testing the Empirical Relation between Ultraviolet Color and Attenuation of Galaxies. <i>Astrophysical Journal</i> , 2005, 619, L55-L58.	4.5	129
14	Formation of Galaxies in a Gravitino-Dominated Universe. <i>Physical Review Letters</i> , 1982, 48, 1636-1639.	7.8	119
15	The Large Scale Structure of the Universe. , 1997, , 63-74.		109
16	The hierarchical structure and dynamics of voids. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 428, 3409-3424.	4.4	96
17	Star Formation in Galaxies between Redshifts of 0.7 and 1.8. <i>Astronomical Journal</i> , 2000, 120, 2843-2850.	4.7	83
18	The Local Universe as Seen in the Far-Infrared and Far-Ultraviolet: A Global Point of View of the Local Recent Star Formation. <i>Astrophysical Journal</i> , Supplement Series, 2007, 173, 404-414.	7.7	76

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19	A Robust Classification of Galaxy Spectra: Dealing with Noisy and Incomplete Data. <i>Astronomical Journal</i> , 1999, 117, 2052-2062.	4.7	74
20	UV to IR SEDs of UV-selected Galaxies in the ELAIS Fields: Evolution of Dust Attenuation and Star Formation Activity from $z = 0.7$ to 0.2. <i>Astrophysical Journal</i> , 2007, 670, 279-294.	4.5	66
21	Ultraviolet-to-far infrared properties of Lyman break galaxies and luminous infrared galaxies at $z \sim 1$. <i>Astronomy and Astrophysics</i> , 2006, 450, 69-76.	5.1	41
22	Superclustering at Redshift $z = 0.54$. <i>Astrophysical Journal</i> , 1996, 473, L67-L70.	4.5	33
23	Dissecting Galaxy Colors with GALEX, SDSS, and Spitzer. <i>Astrophysical Journal</i> , 2006, 644, L109-L112.	4.5	20
24	Redshift survey with multiple pencil beams at the galactic poles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 4853-4858.	7.1	16
25	Dark Matter Shocked Pancakes. , 1984, , 87-99.		8
26	SINGLE PARAMETER GALAXY CLASSIFICATION: THE PRINCIPAL CURVE THROUGH THE MULTI-DIMENSIONAL SPACE OF GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2012, 755, 143.	4.5	7
27	Analysis of the Large Scale Structure with Deep Pencil Beam Surveys. <i>Astrophysics and Space Science Library</i> , 1991, , 435-450.	2.7	2
28	Fractals and the lognormality of galaxy counts. <i>Acta Physica Hungarica</i> , 1988, 64, 309-312.	0.1	0
29	The Enhancement of BAO in the SDSS MGS. <i>Proceedings of the International Astronomical Union</i> , 2015, 11, 145-145.	0.0	0