Hooshang Nayyeri

List of Publications by Year
in descending order

57 papers	2,581 citations	218381 26 h-index	189595 50 g-index
57 all docs	57 docs citations	57 times ranked	3108 citing authors

#	Article	IF	Citations
1	SPECTROSCOPIC CONFIRMATION OF THREEz-DROPOUT GALAXIES ATz= 6.844-7.213: DEMOGRAPHICS OF LyÎ± EMISSION INzâ¼ 7 GALAXIES. Astrophysical Journal, 2012, 744, 83.	1.6	334
2	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. Science, 2017, 356, 291-295.	6.0	168
3	Type Ia Supernova Distances at Redshift >1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate. Astrophysical Journal, 2018, 853, 126.	1.6	168
4	The DEIMOS 10K Spectroscopic Survey Catalog of the COSMOS Field^{â—}. Astrophysical Journal, 2018, 858, 77.	1.6	135
5	CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip. Astrophysical Journal, Supplement Series, 2017, 229, 32.	3.0	127
6	TYPE Ia SUPERNOVA RATE MEASUREMENTS TO REDSHIFT 2.5 FROM CANDELS: SEARCHING FOR PROMPT EXPLOSIONS IN THE EARLY UNIVERSE. Astronomical Journal, 2014, 148, 13.	1.9	121
7	The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates. Astrophysical Journal, Supplement Series, 2019, 243, 22.	3.0	111
8	TheHerschel-ATLAS: a sample of 500ÂÎ¼m-selected lensed galaxies over 600Âdeg². Monthly Notices of the Royal Astronomical Society, 2017, 465, 3558-3580.	1.6	96
9	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. Astrophysical Journal, Supplement Series, 2017, 228, 7.	3.0	95
10	Evolution of the Hâ€‰Î² + [Oâ€‰iii] and [Oâ€‰ii] luminosity functions and the [Oâ€‰ii] star formation history of the Universe up tozÂâˆΌÂ5 from HiZELS. Monthly Notices of the Royal Astronomical Society, 2015, 452, 3948-3968.	1.6	89
11	A dusty star-forming galaxy at z = 6 revealed by strong gravitational lensing. Nature Astronomy, 2018, 2, 56-62.	4.2	74
12	KECK-I MOSFIRE SPECTROSCOPY OF COMPACT STAR-FORMING GALAXIES ATzâ‰³ 2: HIGH VELOCITY DISPERSIONS IN PROGENITORS OF COMPACT QUIESCENT GALAXIES. Astrophysical Journal, 2014, 795, 145.	1.6	70
13	CF-HiZELS, an âˆ¼10Âdeg2 emission-line survey with spectroscopic follow-up: HÎ±, [Oâ€‰iii]Â+ÂHÎ² and [Oâ€‰ii] luminosity functions at zÂ=Â0.8, 1.4 and 2.2. Monthly Notices of the Royal Astronomical Society, 2015, 451, 2303-2323.	1.6	67
14	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS*. Astrophysical Journal, 2016, 823, 17.	1.6	65
15	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxyâ€“galaxy pairs from zÂ=Â3 to zÂâˆΌÂ0. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1549-1573.	1.6	65
16	SPECTROSCOPIC STUDY OF STAR-FORMING GALAXIES IN FILAMENTS AND THE FIELD ATzâˆ¼ 0.5: EVIDENCE FOR ENVIRONMENTAL DEPENDENCE OF ELECTRON DENSITY. Astrophysical Journal, 2015, 814, 84.	1.6	47
17	A STUDY OF MASSIVE AND EVOLVED GALAXIES AT HIGH REDSHIFT. Astrophysical Journal, 2014, 794, 68.	1.6	44
18	The nature of HÎ²+[Oâ€‰iii] and [Oâ€‰ii] emitters tozâˆ¼ 5 with HiZELS: stellar mass functions and the evolution of EWs. Monthly Notices of the Royal Astronomical Society, 2016, 463, 2363-2382.	1.6	44

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19	LensFlow: A Convolutional Neural Network in Search of Strong Gravitational Lenses. Astrophysical Journal, 2018, 856, 68.	1.6	43
20	Beyond spheroids and discs: classifications of CANDELS galaxy structure at 1.4 <<i>z</i>< 2 via principal component analysis. Monthly Notices of the Royal Astronomical Society, 2016, 458, 963-987.	1.6	38
21	High Dense Gas Fraction in Intensely Star-forming Dusty Galaxies. Astrophysical Journal, 2017, 850, 170.	1.6	35
22	Modelling high-resolution ALMA observations of strongly lensed highly star-forming galaxies detected by Herschelâ˜…. Monthly Notices of the Royal Astronomical Society, 2018, 476, 4383-4394.	1.6	35
23	CO, H₂O, H₂O⁺ line and dust emission in a z = 3.63 strongly lensed starburst merger at sub-kiloparsec scales. Astronomy and Astrophysics, 2019, 624, A138.	2.1	30
24	Investigating the Effect of Galaxy Interactions on the Enhancement of Active Galactic Nuclei at 0.5Â<ÂzÂ<Â3.0. Astrophysical Journal, 2020, 904, 107.	1.6	30
25	KILOPARSEC-SCALE PROPERTIES OF EMISSION-LINE GALAXIES. Astrophysical Journal, 2014, 797, 108.	1.6	28
26	Infrared Contributions of X-Ray Selected Active Galactic Nuclei in Dusty Star-forming Galaxies. Astrophysical Journal, 2019, 871, 87.	1.6	28
27	Emergence of an Ultrared, Ultramassive Galaxy Cluster Core at zÂ=Â4. Astrophysical Journal, 2020, 898, 133.	1.6	27
28	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES ATzâ¼ 2. Astrophysical Journal, 2015, 800, 21.	1.6	24
29	Spectroscopic Confirmation of a Coma Cluster Progenitor at zÂâ¼Â2.2. Astrophysical Journal, 2020, 892, 8.	1.6	24
30	CANDELS Sheds Light on the Environmental Quenching of Low-mass Galaxies. Astrophysical Journal Letters, 2017, 841, L22.	3.0	23
31	NEBULAR AND STELLAR DUST EXTINCTION ACROSS THE DISK OF EMISSION-LINE GALAXIES ON KILOPARSEC SCALES. Astrophysical Journal, 2015, 814, 46.	1.6	20
32	SCUBA-2 observations of candidate starbursting protoclusters selected by Planck and Herschel-SPIRE. Monthly Notices of the Royal Astronomical Society, 2019, 490, 3840-3859.	1.6	20
33	Bringing Manifold Learning and Dimensionality Reduction to SED Fitters. Astrophysical Journal Letters, 2019, 881, L14.	3.0	20
34	Spitzer Observations of the North Ecliptic Pole. Astrophysical Journal, Supplement Series, 2018, 234, 38.	3.0	18
35	A CORRELATION BETWEEN LyÎ±SPECTRAL LINE PROFILE AND REST-FRAME UV MORPHOLOGY. Astrophysical Journal, 2015, 815, 57.	1.6	16
36	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4939-4952.	1.6	16

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37	Selection of Massive Evolved Galaxies at 3 â‰ z â‰ 4.5 in the CANDELS Fields. Astrophysical Journal, 2020, 897, 44.	1.6	16
38	The clustering of HÂÎ² + [Oâ€‰iii] and [Oâ€‰ii] emitters since zÂâˆ¼Â5: dependencies with line luminosity and stellar mass. Monthly Notices of the Royal Astronomical Society, 2018, 478, 2999-3015.	1.6	15
39	Stacked Average Far-infrared Spectrum of Dusty Star-forming Galaxies from the Herschel/SPIRE Fourier Transform Spectrometer^{â^—}. Astrophysical Journal, 2017, 848, 30.	1.6	13
40	Rise of the Titans: Gas Excitation and Feedback in a Binary Hyperluminous Dusty Starburst Galaxy at zÂâˆ¼Â6. Astrophysical Journal, 2021, 907, 62.	1.6	13
41	Herschel and Hubble Study of a Lensed Massive Dusty Starbursting Galaxy at z â^¼ 3^{â^—}. Astrophysical Journal, 2017, 844, 82.	1.6	12
42	Magnification, dust and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	12
43	The Strong Gravitationally Lensed Herschel Galaxy HLock01: Optical Spectroscopy Reveals a Close Galaxy Merger with Evidence of Inflowing Gas. Astrophysical Journal, 2018, 854, 151.	1.6	11
44	Discovery of a giant and luminous LyÎ±+Câ€¯IV+Heâ€¯II nebula at z = 3.326 with extreme emission line ratios. Astronomy and Astrophysics, 2019, 629, A23.	2.1	11
45	Spitzer Catalog of Herschel-selected Ultrared Dusty Star-forming Galaxies. Astrophysical Journal, Supplement Series, 2019, 244, 30.	3.0	11
46	Photometric Redshift Estimation with Galaxy Morphology Using Self-organizing Maps. Astrophysical Journal, 2020, 888, 83.	1.6	11
47	Low gas-phase metallicities of ultraluminous infrared galaxies are a result of dust obscuration. Nature Astronomy, 2022, 6, 844-849.	4.2	11
48	SPITZERIMAGING OF STRONGLY LENSEDHERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. Astrophysical Journal, 2015, 814, 17.	1.6	9
49	MULTI-WAVELENGTH LENS RECONSTRUCTION OF A PLANCK AND HERSCHEL-DETECTED STAR-BURSTING GALAXY. Astrophysical Journal, 2016, 829, 21.	1.6	9
50	EXTINCTION AND NEBULAR LINE PROPERTIES OF AHERSCHEL-SELECTED LENSED DUSTY STARBURST ATz= 1.027. Astrophysical Journal, 2015, 805, 140.	1.6	8
51	The Star Formation Rateâ€“Radius Connection: Data and Implications for Wind Strength and Halo Concentration. Astrophysical Journal, 2020, 899, 93.	1.6	8
52	Evidence for Non-smooth Quenching in Massive Galaxies at z â^¼ 1. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	5
53	SCUBA-2 overdensities associated with candidate protoclusters selected from Planck data. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5985-5991.	1.6	5
54	Massive Molecular Gas Reservoir in a Luminous Submillimeter Galaxy during Cosmic Noon. Astrophysical Journal, 2022, 929, 41.	1.6	3

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55	SOFIA/HAWC+ Detection of a Gravitationally Lensed Starburst Galaxy at zÂ=Â1.03. Astrophysical Journal, 2018, 864, 60.	1.6	2
56	Bridging between the Integrated and Resolved Main Sequence of Star Formation. Astrophysical Journal Letters, 2020, 896, L17.	3.0	1
57	Far-infrared and Nebular Star Formation Rates of Dusty Star-forming Galaxies from Herschel and 3D-HST at zÂâ¼Â1. Research Notes of the AAS, 2018, 2, 11.	0.3	0