

Hooshang Nayyeri

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

2,581
citations

218677

26
h-index

189892

50
g-index

57
all docs

57
docs citations

57
times ranked

3108
citing authors

#	ARTICLE	IF	CITATIONS
1	Massive Molecular Gas Reservoir in a Luminous Submillimeter Galaxy during Cosmic Noon. <i>Astrophysical Journal</i> , 2022, 929, 41.	4.5	3
2	Low gas-phase metallicities of ultraluminous infrared galaxies are a result of dust obscuration. <i>Nature Astronomy</i> , 2022, 6, 844-849.	10.1	11
3	Rise of the Titans: Gas Excitation and Feedback in a Binary Hyperluminous Dusty Starburst Galaxy at $z \sim 6$. <i>Astrophysical Journal</i> , 2021, 907, 62.	4.5	13
4	Photometric Redshift Estimation with Galaxy Morphology Using Self-organizing Maps. <i>Astrophysical Journal</i> , 2020, 888, 83.	4.5	11
5	SCUBA-2 overdensities associated with candidate protoclusters selected from <i>Planck</i> data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5985-5991.	4.4	5
6	Spectroscopic Confirmation of a Coma Cluster Progenitor at $z \sim 2.2$. <i>Astrophysical Journal</i> , 2020, 892, 8.	4.5	24
7	Selection of Massive Evolved Galaxies at $3 \leq z \leq 4.5$ in the CANDELS Fields. <i>Astrophysical Journal</i> , 2020, 897, 44.	4.5	16
8	Emergence of an Ultrared, Ultramassive Galaxy Cluster Core at $z \sim 4$. <i>Astrophysical Journal</i> , 2020, 898, 133.	4.5	27
9	The Star Formation Rate–Radius Connection: Data and Implications for Wind Strength and Halo Concentration. <i>Astrophysical Journal</i> , 2020, 899, 93.	4.5	8
10	Investigating the Effect of Galaxy Interactions on the Enhancement of Active Galactic Nuclei at $0.5 \leq z \leq 3.0$. <i>Astrophysical Journal</i> , 2020, 904, 107.	4.5	30
11	Bridging between the Integrated and Resolved Main Sequence of Star Formation. <i>Astrophysical Journal Letters</i> , 2020, 896, L17.	8.3	1
12	The CANDELS/SHARDS Multiwavelength Catalog in GOODS-N: Photometry, Photometric Redshifts, Stellar Masses, Emission-line Fluxes, and Star Formation Rates. <i>Astrophysical Journal, Supplement Series</i> , 2019, 243, 22.	7.7	111
13	SCUBA-2 observations of candidate starbursting protoclusters selected by Planck and Herschel-SPIRE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 3840-3859.	4.4	20
14	Bringing Manifold Learning and Dimensionality Reduction to SED Fitters. <i>Astrophysical Journal Letters</i> , 2019, 881, L14.	8.3	20
15	Discovery of a giant and luminous Ly α +C IV +He II nebula at $z = 3.326$ with extreme emission line ratios. <i>Astronomy and Astrophysics</i> , 2019, 629, A23.	5.1	11
16	Infrared Contributions of X-Ray Selected Active Galactic Nuclei in Dusty Star-forming Galaxies. <i>Astrophysical Journal</i> , 2019, 871, 87.	4.5	28
17	CO, H $_2$ O, H $_2$ O $^+$ line and dust emission in a $z = 3.63$ strongly lensed starburst merger at sub-kiloparsec scales. <i>Astronomy and Astrophysics</i> , 2019, 624, A138.	5.1	30
18	Spitzer Catalog of Herschel-selected Ultrared Dusty Star-forming Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2019, 244, 30.	7.7	11

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19	LensFlow: A Convolutional Neural Network in Search of Strong Gravitational Lenses. <i>Astrophysical Journal</i> , 2018, 856, 68.	4.5	43
20	Type Ia Supernova Distances at Redshift >1.5 from the Hubble Space Telescope Multi-cycle Treasury Programs: The Early Expansion Rate. <i>Astrophysical Journal</i> , 2018, 853, 126.	4.5	168
21	<i>Spitzer</i> Observations of the North Ecliptic Pole. <i>Astrophysical Journal, Supplement Series</i> , 2018, 234, 38.	7.7	18
22	The Strong Gravitationally Lensed Herschel Galaxy HLock01: Optical Spectroscopy Reveals a Close Galaxy Merger with Evidence of Inflowing Gas. <i>Astrophysical Journal</i> , 2018, 854, 151.	4.5	11
23	A dusty star-forming galaxy at $z = 6$ revealed by strong gravitational lensing. <i>Nature Astronomy</i> , 2018, 2, 56-62.	10.1	74
24	The clustering of $H\alpha$ + $[O\text{III}]$ and $[O\text{II}]$ emitters since $z \sim 1/4$: dependencies with line luminosity and stellar mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 2999-3015.	4.4	15
25	Modelling high-resolution ALMA observations of strongly lensed highly star-forming galaxies detected by Herschel.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4383-4394.	4.4	35
26	SOFIA/HAWC+ Detection of a Gravitationally Lensed Starburst Galaxy at $z \sim 1.03$. <i>Astrophysical Journal</i> , 2018, 864, 60.	4.5	2
27	Major merging history in CANDELS. I. Evolution of the incidence of massive galaxy-galaxy pairs from $z \sim 3$ to $z \sim 1/4$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 1549-1573.	4.4	65
28	ALMA observations of lensed Herschel sources: testing the dark matter halo paradigm. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4939-4952.	4.4	16
29	The DEIMOS 10K Spectroscopic Survey Catalog of the COSMOS Field. <i>Astrophysical Journal</i> , 2018, 858, 77.	4.5	135
30	Far-infrared and Nebular Star Formation Rates of Dusty Star-forming Galaxies from Herschel and 3D-HST at $z \sim 1/4$. <i>Research Notes of the AAS</i> , 2018, 2, 11.	0.7	0
31	iPTF16geu: A multiply imaged, gravitationally lensed type Ia supernova. <i>Science</i> , 2017, 356, 291-295.	12.6	168
32	CANDELS Sheds Light on the Environmental Quenching of Low-mass Galaxies. <i>Astrophysical Journal Letters</i> , 2017, 841, L22.	8.3	23
33	CANDELS Multi-wavelength Catalogs: Source Identification and Photometry in the CANDELS Extended Groth Strip. <i>Astrophysical Journal, Supplement Series</i> , 2017, 229, 32.	7.7	127
34	CANDELS MULTI-WAVELENGTH CATALOGS: SOURCE IDENTIFICATION AND PHOTOMETRY IN THE CANDELS COSMOS SURVEY FIELD. <i>Astrophysical Journal, Supplement Series</i> , 2017, 228, 7.	7.7	95
35	The <i>Herschel</i> -ATLAS: a sample of 500 μm -selected lensed galaxies over 600 deg^2 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 3558-3580.	4.4	96
36	Stacked Average Far-infrared Spectrum of Dusty Star-forming Galaxies from the Herschel/SPIRE Fourier Transform Spectrometer. <i>Astrophysical Journal</i> , 2017, 848, 30.	4.5	13

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37	Herschel and Hubble Study of a Lensed Massive Dusty Starbursting Galaxy at $z \approx 3$. <i>Astrophysical Journal</i> , 2017, 844, 82.	4.5	12
38	High Dense Gas Fraction in Intensely Star-forming Dusty Galaxies. <i>Astrophysical Journal</i> , 2017, 850, 170.	4.5	35
39	MULTI-WAVELENGTH LENS RECONSTRUCTION OF A PLANCK AND HERSCHEL-DETECTED STAR-BURSTING GALAXY. <i>Astrophysical Journal</i> , 2016, 829, 21.	4.5	9
40	CANDIDATE GRAVITATIONALLY LENSED DUSTY STAR-FORMING GALAXIES IN THE HERSCHEL WIDE AREA SURVEYS*. <i>Astrophysical Journal</i> , 2016, 823, 17.	4.5	65
41	The nature of $H\alpha$ and $[O\text{III}]$ emitters to $z \approx 5$ with HiZELS: stellar mass functions and the evolution of EWs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 2363-2382.	4.4	44
42	Beyond spheroids and discs: classifications of CANDELS galaxy structure at $z \approx 2$ via principal component analysis. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 963-987.	4.4	38
43	NEBULAR AND STELLAR DUST EXTINCTION ACROSS THE DISK OF EMISSION-LINE GALAXIES ON KILOPARSEC SCALES. <i>Astrophysical Journal</i> , 2015, 814, 46.	4.5	20
44	SPECTROSCOPIC STUDY OF STAR-FORMING GALAXIES IN FILAMENTS AND THE FIELD AT $z \approx 0.5$: EVIDENCE FOR ENVIRONMENTAL DEPENDENCE OF ELECTRON DENSITY. <i>Astrophysical Journal</i> , 2015, 814, 84.	4.5	47
45	A CORRELATION BETWEEN $L_{\text{Ly}\alpha}$ SPECTRAL LINE PROFILE AND REST-FRAME UV MORPHOLOGY. <i>Astrophysical Journal</i> , 2015, 815, 57.	4.5	16
46	CF-HiZELS, an $\approx 10^\circ \times 10^\circ$ emission-line survey with spectroscopic follow-up: $H\alpha$, $[O\text{III}]$ and $[O\text{II}]$ luminosity functions at $z = 0.8, 1.4$ and 2.2 . <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2303-2323.	4.4	67
47	Evolution of the $H\alpha$ and $[O\text{III}]$ and $[O\text{II}]$ luminosity functions and the $[O\text{II}]$ star formation history of the Universe up to $z \approx 5$ from HiZELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 3948-3968.	4.4	89
48	SPITZER IMAGING OF STRONGLY LENSED HERSCHEL-SELECTED DUSTY STAR-FORMING GALAXIES. <i>Astrophysical Journal</i> , 2015, 814, 17.	4.5	9
49	THE INTERSTELLAR MEDIUM AND FEEDBACK IN THE PROGENITORS OF THE COMPACT PASSIVE GALAXIES AT $z \approx 2$. <i>Astrophysical Journal</i> , 2015, 800, 21.	4.5	24
50	EXTINCTION AND NEBULAR LINE PROPERTIES OF A HERSCHEL-SELECTED LENSED DUSTY STARBURST AT $z = 1.027$. <i>Astrophysical Journal</i> , 2015, 805, 140.	4.5	8
51	TYPE Ia SUPERNOVA RATE MEASUREMENTS TO REDSHIFT 2.5 FROM CANDELS: SEARCHING FOR PROMPT EXPLOSIONS IN THE EARLY UNIVERSE. <i>Astronomical Journal</i> , 2014, 148, 13.	4.7	121
52	KECK-I MOSFIRE SPECTROSCOPY OF COMPACT STAR-FORMING GALAXIES AT $z \approx 2$: HIGH VELOCITY DISPERSIONS IN PROGENITORS OF COMPACT QUIESCENT GALAXIES. <i>Astrophysical Journal</i> , 2014, 795, 145.	4.5	70
53	A STUDY OF MASSIVE AND EVOLVED GALAXIES AT HIGH REDSHIFT. <i>Astrophysical Journal</i> , 2014, 794, 68.	4.5	44
54	KILOPARSEC-SCALE PROPERTIES OF EMISSION-LINE GALAXIES. <i>Astrophysical Journal</i> , 2014, 797, 108.	4.5	28

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55	SPECTROSCOPIC CONFIRMATION OF THREE z -DROPOUT GALAXIES AT $z = 6.844-7.213$: DEMOGRAPHICS OF $\text{Ly}\alpha$ EMISSION IN $z \sim 7$ GALAXIES. <i>Astrophysical Journal</i> , 2012, 744, 83.	4.5	334
56	Magnification, dust and time-delay constraints from the first resolved strongly lensed Type Ia supernova iPTF16geu. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	12
57	Evidence for Non-smooth Quenching in Massive Galaxies at $z \sim 1$. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	5