

Viraj Pandya

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,158
citations

331259

21
h-index

525886

27
g-index

27
all docs

27
docs citations

27
times ranked

1693
citing authors

#	ARTICLE	IF	CITATIONS
1	First Results from SMAUG: Insights into Star Formation Conditions from Spatially Resolved ISM Properties in TNG50. <i>Astrophysical Journal</i> , 2022, 926, 139.	1.6	3
2	Exploring the Milky Way Circumgalactic Medium in a Cosmological Context with a Semianalytic Model. <i>Astrophysical Journal</i> , 2022, 928, 37.	1.6	11
3	Characterizing mass, momentum, energy, and metal outflow rates of multiphase galactic winds in the FIRE-2 cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 2979-3008.	1.6	56
4	Mock light-cones and theory friendly catalogues for the CANDELS survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4858-4876.	1.6	35
5	Quenching as a Contest between Galaxy Halos and Their Central Black Holes. <i>Astrophysical Journal</i> , 2020, 897, 102.	1.6	66
6	Structural and stellar-population properties versus bulge types in Sloan Digital Sky Survey central galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 1686-1707.	1.6	23
7	The Star Formation Rate–Radius Connection: Data and Implications for Wind Strength and Halo Concentration. <i>Astrophysical Journal</i> , 2020, 899, 93.	1.6	8
8	First Results from SMAUG: Characterization of Multiphase Galactic Outflows from a Suite of Local Star-forming Galactic Disk Simulations. <i>Astrophysical Journal</i> , 2020, 900, 61.	1.6	68
9	First Results from SMAUG: The Need for Preventative Stellar Feedback and Improved Baryon Cycling in Semianalytic Models of Galaxy Formation. <i>Astrophysical Journal</i> , 2020, 905, 4.	1.6	25
10	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.	3.0	111
11	Can intrinsic alignments of elongated low-mass galaxies be used to map the cosmic web at high redshift?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 5580-5593.	1.6	13
12	The MASSIVE survey – XI. What drives the molecular gas properties of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1404-1423.	1.6	45
13	IQ-Collaboratory 1.1: The Star-forming Sequence of Simulated Central Galaxies. <i>Astrophysical Journal</i> , 2019, 872, 160.	1.6	23
14	Extreme chemical abundance ratio suggesting an exotic origin for an ultradiffuse galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3425-3433.	1.6	43
15	The relationship between galaxy and dark matter halo size from $z \sim 1/4$ to the present. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 2714-2736.	1.6	86
16	The SLUGGS survey: a comparison of total-mass profiles of early-type galaxies from observations and cosmological simulations, to $\sim 1/4$ effective radii. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 476, 4543-4564.	1.6	37
17	Origins of ultradiffuse galaxies in the Coma cluster – II. Constraints from their stellar populations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 4891-4906.	1.6	64
18	Origins of ultradiffuse galaxies in the Coma cluster – I. Constraints from velocity phase space. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 3308-3318.	1.6	39

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19	Demographics of Star-forming Galaxies since $z \sim 2.5$. I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , 2018, 858, 100.	1.6	79
20	Constraints on Cosmic-ray Acceleration Efficiency in Balmer Shocks of Two Young Type Ia Supernova Remnants in the Large Magellanic Cloud. <i>Astrophysical Journal</i> , 2018, 862, 148.	1.6	13
21	The Stellar Populations of Two Ultra-diffuse Galaxies from Optical and Near-infrared Photometry. <i>Astrophysical Journal</i> , 2018, 858, 29.	1.6	46
22	The MASSIVE Survey. VI. The Spatial Distribution and Kinematics of Warm Ionized Gas in the Most Massive Local Early-type Galaxies. <i>Astrophysical Journal</i> , 2017, 837, 40.	1.6	27
23	The relationship between star formation activity and galaxy structural properties in CANDELS and a semi-analytic model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 465, 619-640.	1.6	41
24	The nature of massive transition galaxies in CANDELS, GAMA and cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 472, 2054-2084.	1.6	63
25	The AGN-Star Formation Connection: Future Prospects with JWST. <i>Astrophysical Journal</i> , 2017, 849, 111.	1.6	31
26	The MASSIVE survey - III. Molecular gas and a broken Tully-Fisher relation in the most massive early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 214-226.	1.6	43
27	Quenching and morphological transformation in semi-analytic models and CANDELS. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2933-2956.	1.6	59