

Yohan Dubois

List of Publications by Year in descending order

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33
papers

2,602
citations

249298

26
h-index

466096

32
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33
all docs

33
docs citations

33
times ranked

2547
citing authors

#	ARTICLE	IF	CITATIONS
1	On the viability of determining galaxy properties from observations – I. Star formation rates and kinematics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3906-3924.	1.6	2
2	Concordance between Observations and Simulations in the Evolution of the Mass Relation between Supermassive Black Holes and Their Host Galaxies. <i>Astrophysical Journal</i> , 2022, 933, 132.	1.6	6
3	The Horizon Run 5 Cosmological Hydrodynamical Simulation: Probing Galaxy Formation from Kilo- to Gigaparsec Scales. <i>Astrophysical Journal</i> , 2021, 908, 11.	1.6	40
4	Exploring the Origin of Thick Disks Using the NewHorizon and Galactica Simulations. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 2.	3.0	28
5	Star – Gas Misalignment in Galaxies. II. Origins Found from the Horizon-AGN Simulation. <i>Astrophysical Journal, Supplement Series</i> , 2021, 254, 27.	3.0	13
6	Compaction-driven black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 172-190.	1.6	18
7	Introducing the NEWHORIZON simulation: Galaxy properties with resolved internal dynamics across cosmic time. <i>Astronomy and Astrophysics</i> , 2021, 651, A109.	2.1	88
8	The OBELISK simulation: Galaxies contribute more than AGN to H I reionization of protoclusters. <i>Astronomy and Astrophysics</i> , 2021, 653, A154.	2.1	37
9	Black hole mergers from dwarf to massive galaxies with the NewHorizon and Horizon-AGN simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 498, 2219-2238.	1.6	67
10	The impact of AGN feedback on the 1D power spectra from the Ly α forest using the Horizon-AGN suite of simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 495, 1825-1840.	1.6	28
11	Cosmic ray feedback from supernovae in dwarf galaxies. <i>Astronomy and Astrophysics</i> , 2020, 638, A123.	2.1	47
12	Star – Gas Misalignment in Galaxies. I. The Properties of Galaxies from the Horizon-AGN Simulation and Comparisons to SAMI. <i>Astrophysical Journal</i> , 2020, 894, 106.	1.6	16
13	New Horizon: On the Origin of the Stellar Disk and Spheroid of Field Galaxies at $z \approx 0.7$. <i>Astrophysical Journal</i> , 2019, 883, 25.	1.6	34
14	The erratic dynamical life of black hole seeds in high-redshift galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 101-111.	1.6	81
15	Introducing a new, robust galaxy-finder algorithm for simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 2039-2064.	1.6	39
16	Simulating MOS science on the ELT: Ly α forest tomography. <i>Astronomy and Astrophysics</i> , 2019, 632, A94.	2.1	14
17	Early-type Galaxy Spin Evolution in the Horizon-AGN Simulation. <i>Astrophysical Journal</i> , 2018, 856, 114.	1.6	27
18	Escape of ionizing radiation from high-redshift dwarf galaxies: role of AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5607-5625.	1.6	57

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19	How AGN and SN Feedback Affect Mass Transport and Black Hole Growth in High-redshift Galaxies. <i>Astrophysical Journal</i> , 2017, 836, 216.	1.6	33
20	Outflows driven by quasars in high-redshift galaxies with radiation hydrodynamics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 1854-1873.	1.6	66
21	Snap, crackle, pop: sub-grid supernova feedback in AMR simulations of disc galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 11-33.	1.6	66
22	Blossoms from black hole seeds: properties and early growth regulated by supernova feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 3935-3948.	1.6	157
23	The Horizon-AGN simulation: morphological diversity of galaxies promoted by AGN feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 3948-3964.	1.6	315
24	Towards simulating star formation in turbulent high-z galaxies with mechanical supernova feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 2900-2921.	1.6	125
25	Black hole evolution – I. Supernova-regulated black hole growth. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1502-1518.	1.6	165
26	How do galaxies build up their spin in the cosmic web?. <i>Proceedings of the International Astronomical Union</i> , 2014, 11, 433-436.	0.0	0
27	Black hole evolution – II. Spinning black holes in a supernova-driven turbulent interstellar medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 2333-2346.	1.6	40
28	Black hole evolution – III. Statistical properties of mass growth and spin evolution using large-scale hydrodynamical cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1590-1606.	1.6	109
29	AGN-driven quenching of star formation: morphological and dynamical implications for early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 433, 3297-3313.	1.6	201
30	Self-regulated growth of supermassive black holes by a dual jet-heating active galactic nucleus feedback mechanism: methods, tests and implications for cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 2662-2683.	1.6	289
31	Feeding compact bulges and supermassive black holes with low angular momentum cosmic gas at high redshift. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 3616-3630.	1.6	100
32	Mass distribution in galaxy clusters: the role of Active Galactic Nuclei feedback. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 195-208.	1.6	153
33	Jet-regulated cooling catastrophe. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 985-1001.	1.6	141