Jonathan Stern

List of Publications by Year
in descending order

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39 papers	1,701 citations	257357 24 h-index	330025 37 g-index
39 all docs	39 docs citations	39 times ranked	1782 citing authors

#	Article	IF	Citations
1	The first ultraviolet quasar-stacked spectrum at z â‰ƒ 2.4 from WFC3. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4204-4220.	1.6	197
2	The origins of the circumgalactic medium in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 1248-1272.	1.6	132
3	Properties of the circumgalactic medium in cosmic ray-dominated galaxy haloes. Monthly Notices of the Royal Astronomical Society, 2020, 496, 4221-4238.	1.6	99
4	A UNIVERSAL DENSITY STRUCTURE FOR CIRCUMGALACTIC GAS. Astrophysical Journal, 2016, 830, 87.	1.6	98
5	Type 1 AGN at low z- I. Emission properties. Monthly Notices of the Royal Astronomical Society, 2012, 423, 600-631.	1.6	94
6	Type 1 AGN at lowz- II. The relative strength of narrow lines and the nature of intermediate type AGN. Monthly Notices of the Royal Astronomical Society, 2012, 426, 2703-2718.	1.6	78
7	Virialization of the Inner CGM in the FIRE Simulations and Implications for Galaxy Disks, Star Formation, and Feedback. Astrophysical Journal, 2021, 911, 88.	1.6	66
8	Radiation pressure confinement â€“ II. Application to the broad-line region in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2014, 438, 604-619.	1.6	63
9	Cooling flow solutions for the circumgalactic medium. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2549-2572.	1.6	61
10	Radiation pressure confinement â€“ I. Ionized gas in the ISM of AGN hosts. Monthly Notices of the Royal Astronomical Society, 2014, 438, 901-921.	1.6	58
11	Characterizing mass, momentum, energy, and metal outflow rates of multiphase galactic winds in the FIRE-2 cosmological simulations. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2979-3008.	1.6	56
12	The time-scales probed by star formation rate indicators for realistic, bursty star formation histories from the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4812-4824.	1.6	51
13	Type 1 AGN at low z â€“ III. The optical narrow-line ratios. Monthly Notices of the Royal Astronomical Society, 2013, 431, 836-857.	1.6	48
14	The fates of the circumgalactic medium in the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 494, 3581-3595.	1.6	46
15	The maximum accretion rate of hot gas in dark matter haloes. Monthly Notices of the Royal Astronomical Society, 2020, 492, 6042-6058.	1.6	42
16	Radiation pressure confinement â€“ IV. Application to broad absorption line outflows. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3025-3038.	1.6	41
17	Does Circumgalactic O vi Trace Low-pressure Gas Beyond the Accretion Shock? Clues from H i and Low-ion Absorption, Line Kinematics, and Dust Extinction. Astrophysical Journal, 2018, 865, 91.	1.6	41
18	EVIDENCE THAT MOST TYPE-1 AGNs ARE REDDENED BY DUST IN THE HOST ISM. Astrophysical Journal, 2016, 832, 8.	1.6	37

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19	Pressure balance in the multiphase ISM of cosmologically simulated disc galaxies. Monthly Notices of the Royal Astronomical Society, 2020, 498, 3664-3683.	1.6	35
20	CONSTRAINING THE DYNAMICAL IMPORTANCE OF HOT GAS AND RADIATION PRESSURE IN QUASAR OUTFLOWS USING EMISSION LINE RATIOS. Astrophysical Journal, 2016, 819, 130.	1.6	33
21	The bursty origin of the Milky Way thick disc. Monthly Notices of the Royal Astronomical Society, 2021, 505, 889-902.	1.6	32
22	Hot-mode accretion and the physics of thin-discÂgalaxyÂformation. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5056-5073.	1.6	32
23	Which AGN jets quench star formation in massive galaxies?. Monthly Notices of the Royal Astronomical Society, 2021, 507, 175-204.	1.6	31
24	Radiation pressure confinement â€“ III. The origin of the broad ionization distribution in AGN outflows. Monthly Notices of the Royal Astronomical Society, 2014, 445, 3011-3024.	1.6	30
25	CGM properties in VELA and NIHAO simulations; the OVI ionization mechanism: dependence on redshift, halo mass, and radius. Monthly Notices of the Royal Astronomical Society, 2019, 484, 3625-3645.	1.6	25
26	Virial shocks are suppressed in cosmic ray-dominated galaxy haloes. Monthly Notices of the Royal Astronomical Society, 2021, 505, 259-273.	1.6	23
27	Deconstructing the narrow-line region of the nearest obscured quasar. Monthly Notices of the Royal Astronomical Society, 2015, 454, 439-456.	1.6	20
28	Small-scale Intensity Mapping: Extended Halos as a Probe of the Ionizing Escape Fraction and Faint Galaxy Populations during Reionization. Astrophysical Journal, 2017, 846, 11.	1.6	19
29	Evidence for radiation pressure compression in the X-ray narrow-line region of Seyfert galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 485, 416-427.	1.6	19
30	Thermal instability in the CGM of Lâ‹† galaxies: testing â€˜precipitationâ€™ models with the FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1841-1862.	1.6	19
31	Neutral CGM as damped Lyâ€‰Î± absorbers at high redshift. Monthly Notices of the Royal Astronomical Society, 2021, 507, 2869-2884.	1.6	17
32	SPATIALLY RESOLVING THE KINEMATICS OF THE $lesssim 100;mu {m as}$ QUASAR BROAD-LINE REGION USING SPECTROASTROMETRY. Astrophysical Journal, 2015, 804, 57.	1.6	16
33	Oâ€‰<scp>vi</scp> traces photoionized streams with collisionally ionized boundaries in cosmological simulations of z âˆ¼ 1 massive galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 501, 4948-4967.	1.6	16
34	Probing the CGM of low-redshift dwarf galaxies using FIRE simulations. Monthly Notices of the Royal Astronomical Society, 2020, 500, 1038-1053.	1.6	8
35	Unravelling the physics of multiphase AGN winds through emission line tracers. Monthly Notices of the Royal Astronomical Society, 2021, 503, 1568-1585.	1.6	7
36	Spatially Resolved UV Diagnostics of AGN Feedback: Radiation Pressure Dominates in a Prototypical Quasar-driven Superwind. Astrophysical Journal Letters, 2020, 890, L28.	3.0	6

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37	Spatially Resolving the Kinematics of the â‰²100 Î¼as Quasar Broad-line Region Using Spectroastrometry. II. The First Tentative Detection in a Luminous Quasar at z = 2.3. Astrophysical Journal, 2021, 919, 31.	1.6	4
38	An Optimal Topology for a Static P2P Live Streaming Network with Limited Resources. , 2011, , .		1
39	An optimal topology for a static P2P live streaming network: Analysis and real-world results. , 2011, , .		0