Nicolas F BouchÃ©

List of Publications by Year
in descending order

33 papers	1,666 citations	331670 21 h-index	414414 32 g-index
33 all docs	33 docs citations	33 times ranked	1596 citing authors

#	Article	IF	Citations
1	The MUSE Hubble Ultra Deep Field Survey. Astronomy and Astrophysics, 2017, 608, A1.	5.1	236
2	UBIQUITOUS GIANT LyÎ± NEBULAE AROUND THE BRIGHTEST QUASARS AT zÂâˆ¼Â3.5 REVEALED WITH MUSE^{â^—}. Astrophysical Journal, 2016, 831, 39.	4.5	201
3	New perspectives on strong zâ‰ƒ 0.5 Mgâ€ƒii absorbers: are halo mass and equivalent width anticorrelated?. Monthly Notices of the Royal Astronomical Society, 2006, 371, 495-512.	4.4	122
4	PHYSICAL CONDITIONS IN THE LOW-IONIZATION COMPONENT OF STARBURST OUTFLOWS: THE SHAPE OF NEAR-ULTRAVIOLET AND OPTICAL ABSORPTION-LINE TROUGHS IN KECK SPECTRA OF ULIRGs. Astrophysical Journal, 2009, 703, 1394-1415.	4.5	109
5	MusE GAs FLOw and Wind (MEGAFLOW) II. A study of gas accretion around zÂâ‰ˆÂ1 star-forming galaxies with background quasars. Monthly Notices of the Royal Astronomical Society, 2019, 485, 1961-1980.	4.4	86
6	MusE GAs FLOw and Wind (MEGAFLOW) â€“ III. Galactic wind properties using background quasars. Monthly Notices of the Royal Astronomical Society, 2019, 490, 4368-4381.	4.4	81
7	A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman Î± systems - III. Three additional detectionsâ˜…. Monthly Notices of the Royal Astronomical Society, 2012, 419, 3060-3073.	4.4	80
8	An atlas of MUSE observations towards twelve massive lensing clusters. Astronomy and Astrophysics, 2021, 646, A83.	5.1	71
9	NEW PERSPECTIVE ON GALAXY OUTFLOWS FROM THE FIRST DETECTION OF BOTH INTRINSIC AND TRAVERSE METAL-LINE ABSORPTION. Astrophysical Journal Letters, 2014, 792, L12.	8.3	63
10	The MUSE Hubble Ultra Deep Field Survey. Astronomy and Astrophysics, 2018, 619, A27.	5.1	60
11	THE VLT SINFONI Mg ii PROGRAM FOR LINE EMITTERS (SIMPLE). II. BACKGROUND QUASARS PROBING $Zsim 1$ GALACTIC WINDS. Astrophysical Journal, 2015, 804, 83.	4.5	54
12	MUSEQuBES: calibrating the redshifts of Lyâ€‰Î± emitters using stacked circumgalactic medium absorption profiles. Monthly Notices of the Royal Astronomical Society, 2020, 496, 1013-1022.	4.4	44
13	Galaxy and Quasar Fueling Caught in the Act from the Intragroup to the Interstellar Medium. Astrophysical Journal Letters, 2018, 869, L1.	8.3	39
14	Searching for light in the darkness: Bounds on ALP dark matter with the optical MUSE-faint survey. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2021, 814, 136075.	4.1	37
15	Fast Outflows Identified in Early Star-forming Galaxies at zÂ=Â5â€“6. Astrophysical Journal, 2019, 886, 29.	4.5	35
16	MusE GAs FLOw and Wind (MEGAFLOW) VIII. Discovery of a Mg<scp>ii</scp> emission halo probed by a quasar sightline. Monthly Notices of the Royal Astronomical Society, 2021, 507, 4294-4315.	4.4	35
17	MUSE Spectroscopic Identifications of Ultra-faint Emission Line Galaxies with M_{UV}Ââˆ¼Ââˆ’15[*]. Astrophysical Journal Letters, 2018, 865, L1.	8.3	34
18	Galactic winds with MUSE: A direct detection of Feâ€‰ii* emission from a z = 1.29 galaxy. Astronomy and Astrophysics, 2017, 605, A118.	5.1	31

#	Article	IF	Citations
19	The MUSE Hubble Ultra Deep Field Survey. Astronomy and Astrophysics, 2018, 617, A62.	5.1	30
20	Stacking the Cosmic Web in fluorescent Lyâ€‰Î± emission with MUSE. Monthly Notices of the Royal Astronomical Society, 2018, 475, 3854-3869.	4.4	30
21	The MUSEHubbleUltra Deep Field Survey. Astronomy and Astrophysics, 2017, 608, A7.	5.1	28
22	A Lyman limit system associated with galactic windsâ˜…. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	19
23	MusE GAs FLOw and Wind (MEGAFLOW) IV. A two sightline tomography of a galactic wind. Monthly Notices of the Royal Astronomical Society, 2020, 492, 4576-4588.	4.4	17
24	MusE GAs FLOw and Wind V. The dust/metallicity-anisotropy of the circum-galactic medium. Monthly Notices of the Royal Astronomical Society, 2021, 502, 3733-3745.	4.4	17
25	MUSEQuBES: characterizing the circumgalactic medium of redshift â‰ˆ3.3 Lyâ€‰Î± emitters. Monthly Notices of the Royal Astronomical Society, 2021, 508, 5612-5637.	4.4	17
26	Tracing LyÎ± and LyC Escape in Galaxies with Mg ii Emission. Astrophysical Journal, 2022, 933, 202.	4.5	17
27	Characterizing circumgalactic gas around massive ellipticals atzâ‰ˆ 0.4 â€“ III. The galactic environment of a chemically pristine Lyman limit absorber. Monthly Notices of the Royal Astronomical Society, 2019, 484, 431-441.	4.4	16
28	A Giant LyÎ± Nebula and a Small-scale Clumpy Outflow in the System of the Exotic Quasar J0952+0114 Unveiled by MUSE^{â—}. Astrophysical Journal, 2019, 880, 47.	4.5	15
29	MusE GAs FLOw and Wind (MEGAFLOW) VI. A study of C<scp>â€‰iv</scp> and Mg<scp>â€‰ii</scp> absorbing gas surrounding [O<scp>â€‰ii</scp>] emitting galaxies. Monthly Notices of the Royal Astronomical Society, 2021, 506, 1355-1363.	4.4	12
30	A Comparison of Circumgalactic Mg ii Absorption between the TNG50 Simulation and the MEGAFLOW Survey. Astrophysical Journal, 2021, 923, 56.	4.5	12
31	Detecting the cosmic web: LyÎ± emission from simulated filaments at zÂ=Â3. Monthly Notices of the Royal Astronomical Society, 2020, 494, 5439-5448.	4.4	7
32	MusE GAs FLOw and wind (MEGAFLOW) VII. A NOEMA pilot program to probe molecular gas in galaxies with measured circumgalactic gas flows. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1900-1910.	4.4	7
33	Melatonin Levels and Lowâ€Frequency Magnetic Fields in Humans and Rats: New Insights From a Bayesian Logistic Regression. Bioelectromagnetics, 2019, 40, 539-552.	1.6	4