

Nicolas F BouchÃ©

List of Publications by Year in descending order

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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	Tracing Ly α and LyC Escape in Galaxies with Mg ii Emission. <i>Astrophysical Journal</i> , 2022, 933, 202.	4.5	17
2	MusE GAs FLOW and Wind V. The dust/metallicity-anisotropy of the circum-galactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 3733-3745.	4.4	17
3	An atlas of MUSE observations towards twelve massive lensing clusters. <i>Astronomy and Astrophysics</i> , 2021, 646, A83.	5.1	71
4	Searching for light in the darkness: Bounds on ALP dark matter with the optical MUSE-faint survey. <i>Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics</i> , 2021, 814, 136075.	4.1	37
5	MusE GAs FLOW and Wind (MEGAFLOW) VI. A study of C α and Mg α absorbing gas surrounding [O α] emitting galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 506, 1355-1363.	4.4	12
6	MusE GAs FLOW and Wind (MEGAFLOW) VIII. Discovery of a Mg α emission halo probed by a quasar sightline. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 507, 4294-4315.	4.4	35
7	MUSEQuBES: characterizing the circumgalactic medium of redshift $z \sim 3.3$ Ly α emitters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 5612-5637.	4.4	17
8	A Comparison of Circumgalactic Mg ii Absorption between the TNG50 Simulation and the MEGAFLOW Survey. <i>Astrophysical Journal</i> , 2021, 923, 56.	4.5	12
9	Detecting the cosmic web: Ly α emission from simulated filaments at $z \sim 3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 5439-5448.	4.4	7
10	MUSEQuBES: calibrating the redshifts of Ly α emitters using stacked circumgalactic medium absorption profiles. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 496, 1013-1022.	4.4	44
11	MusE GAs FLOW and Wind (MEGAFLOW) IV. A two sightline tomography of a galactic wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 4576-4588.	4.4	17
12	MusE GAs FLOW and wind (MEGAFLOW) VII. A NOEMA pilot program to probe molecular gas in galaxies with measured circumgalactic gas flows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 1900-1910.	4.4	7
13	MusE GAs FLOW and Wind (MEGAFLOW) α III. Galactic wind properties using background quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 4368-4381.	4.4	81
14	Melatonin Levels and Low-Frequency Magnetic Fields in Humans and Rats: New Insights From a Bayesian Logistic Regression. <i>Bioelectromagnetics</i> , 2019, 40, 539-552.	1.6	4
15	A Giant Ly α Nebula and a Small-scale Clumpy Outflow in the System of the Exotic Quasar J0952+0114 Unveiled by MUSE ⁺ . <i>Astrophysical Journal</i> , 2019, 880, 47.	4.5	15
16	Characterizing circumgalactic gas around massive ellipticals at $z \sim 0.4$ α III. The galactic environment of a chemically pristine Lyman limit absorber. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 431-441.	4.4	16
17	MusE GAs FLOW and Wind (MEGAFLOW) II. A study of gas accretion around $z \sim 1$ star-forming galaxies with background quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 1961-1980.	4.4	86
18	Fast Outflows Identified in Early Star-forming Galaxies at $z \sim 5$ α 6. <i>Astrophysical Journal</i> , 2019, 886, 29.	4.5	35

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19	The MUSE <i>Hubble</i> Ultra Deep Field Survey. <i>Astronomy and Astrophysics</i> , 2018, 619, A27.	5.1	60
20	The MUSE <i>Hubble</i> Ultra Deep Field Survey. <i>Astronomy and Astrophysics</i> , 2018, 617, A62.	5.1	30
21	Galaxy and Quasar Fueling Caught in the Act from the Intragroup to the Interstellar Medium. <i>Astrophysical Journal Letters</i> , 2018, 869, L1.	8.3	39
22	MUSE Spectroscopic Identifications of Ultra-faint Emission Line Galaxies with M _{UV} ^{1/4} ₁₅ [*] . <i>Astrophysical Journal Letters</i> , 2018, 865, L1.	8.3	34
23	Stacking the Cosmic Web in fluorescent Ly α emission with MUSE. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3854-3869.	4.4	30
24	The MUSE <i>Hubble</i> Ultra Deep Field Survey. <i>Astronomy and Astrophysics</i> , 2017, 608, A1.	5.1	236
25	The MUSE <i>Hubble</i> Ultra Deep Field Survey. <i>Astronomy and Astrophysics</i> , 2017, 608, A7.	5.1	28
26	Galactic winds with MUSE: A direct detection of Fe α ⁱⁱ * emission from a <i>z</i> = 1.29 galaxy. <i>Astronomy and Astrophysics</i> , 2017, 605, A118.	5.1	31
27	UBIQUITOUS GIANT Ly α NEBULAE AROUND THE BRIGHTEST QUASARS AT <i>z</i> = 3.5 REVEALED WITH MUSE ⁺ . <i>Astrophysical Journal</i> , 2016, 831, 39.	4.5	201
28	THE VLT SINFONI Mg ii PROGRAM FOR LINE EMITTERS (SIMPLE). II. BACKGROUND QUASARS PROBING ~ 1 GALACTIC WINDS. <i>Astrophysical Journal</i> , 2015, 804, 83.	4.5	54
29	NEW PERSPECTIVE ON GALAXY OUTFLOWS FROM THE FIRST DETECTION OF BOTH INTRINSIC AND TRAVERSE METAL-LINE ABSORPTION. <i>Astrophysical Journal Letters</i> , 2014, 792, L12.	8.3	63
30	A SINFONI integral field spectroscopy survey for galaxy counterparts to damped Lyman α systems - III. Three additional detections.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 3060-3073.	4.4	80
31	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. <i>Astrophysical Journal</i> , 2009, 703, 1394-1415.	4.5	109
32	New perspectives on strong <i>z</i> = 0.5 Mg α absorbers: are halo mass and equivalent width anticorrelated?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 495-512.	4.4	122
33	A Lyman limit system associated with galactic winds.... <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	19