

# Nikole M Nielsen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8319374/publications.pdf>

Version: 2024-02-01

35  
papers

1,114  
citations

393982

19  
h-index

395343

33  
g-index

35  
all docs

35  
docs citations

35  
times ranked

706  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evolution of C iv Absorbers. II. Where Does C iv Live?. <i>Astrophysical Journal</i> , 2022, 924, 12.	1.6	6
2	The DUVET Survey: Resolved maps of star formation-driven outflows in a compact, starbursting disc galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 511, 5782-5796.	1.6	8
3	Extreme Variation in Star Formation Efficiency across a Compact, Starburst Disk Galaxy. <i>Astrophysical Journal</i> , 2022, 928, 169.	1.6	6
4	Spatial Distribution of O vi Covering Fractions in the Simulated Circumgalactic Medium. <i>Astrophysical Journal</i> , 2021, 907, 8.	1.6	3
5	The DUVET Survey: Direct T <sub>e</sub> -based Metallicity Mapping of Metal-enriched Outflows and Metal-poor Inflows in Markarian 1486. <i>Astrophysical Journal Letters</i> , 2021, 918, L16.	3.0	19
6	Cloud-by-cloud, multiphase, Bayesian modelling: application to four weak, low-ionization absorbers. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 501, 2112-2139.	1.6	14
7	Evidence for galaxy quenching in the green valley caused by a lack of a circumgalactic medium. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2289-2301.	1.6	6
8	Disentangling the multiphase circumgalactic medium shared between a dwarf and a massive star-forming galaxy at $z \approx 0.4$ . <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 3987-3998.	1.6	7
9	Low-mass Group Environments Have No Substantial Impact on the Circumgalactic Medium Metallicity. <i>Astronomical Journal</i> , 2020, 159, 216.	1.9	4
10	Mg ii Absorbers in High-resolution Quasar Spectra. I. Voigt Profile Models. <i>Astrophysical Journal</i> , 2020, 904, 28.	1.6	9
11	Evolution of C iv Absorbers. I. The Cosmic Incidence. <i>Astrophysical Journal</i> , 2020, 904, 44.	1.6	17
12	The CGM at Cosmic Noon with KCWI: Outflows from a Star-forming Galaxy at $z \approx 2.071$ . <i>Astrophysical Journal</i> , 2020, 904, 164.	1.6	13
13	Io's Volcanic Activity from Time Domain Adaptive Optics Observations: 2013–2018. <i>Astronomical Journal</i> , 2019, 158, 29.	1.9	32
14	The Relation between Galaxy ISM and Circumgalactic O vi Gas Kinematics Derived from Observations and $\Lambda$ CDM Simulations. <i>Astrophysical Journal</i> , 2019, 870, 137.	1.6	25
15	The Relationship between Galaxy ISM and Circumgalactic Gas Metallicities. <i>Astrophysical Journal</i> , 2019, 886, 91.	1.6	33
16	Relationship between the Metallicity of the Circumgalactic Medium and Galaxy Orientation. <i>Astrophysical Journal</i> , 2019, 883, 78.	1.6	39
17	Kinematics of the O vi Circumgalactic Medium: Halo Mass Dependence and Outflow Signatures. <i>Astrophysical Journal</i> , 2019, 886, 66.	1.6	12
18	MAGiCAT VI. The Mg ii Intragroup Medium Is Kinematically Complex. <i>Astrophysical Journal</i> , 2018, 869, 153.	1.6	43

#	ARTICLE	IF	CITATIONS
19	THE HIGHLY IONIZED CIRCUMGALACTIC MEDIUM IS KINEMATICALLY UNIFORM AROUND GALAXIES. <i>Astrophysical Journal</i> , 2017, 834, 148.	1.6	24
20	The Impact of the Group Environment on the O vi Circumgalactic Medium. <i>Astrophysical Journal</i> , 2017, 844, 23.	1.6	28
21	HST Observations Reveal the Curious Geometry of Circumgalactic Gas. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 342-344.	0.0	0
22	Gas Kinematics in the Multiphase Circumgalactic Medium. <i>Proceedings of the International Astronomical Union</i> , 2016, 11, 345-347.	0.0	0
23	MAGiCAT IV. KINEMATICS OF THE CIRCUMGALACTIC MEDIUM AND EVIDENCE FOR QUIESCENT EVOLUTION AROUND RED GALAXIES. <i>Astrophysical Journal</i> , 2016, 818, 171.	1.6	26
24	THE AZIMUTHAL DEPENDENCE OF OUTFLOWS AND ACCRETION DETECTED USING O vi ABSORPTION. <i>Astrophysical Journal</i> , 2015, 815, 22.	1.6	69
25	AN EXTREME METALLICITY, LARGE-SCALE OUTFLOW FROM A STAR-FORMING GALAXY AT $z \approx 0.4$ . <i>Astrophysical Journal</i> , 2015, 811, 132.	1.6	71
26	MAGiCAT V. ORIENTATION OF OUTFLOWS AND ACCRETION DETERMINE THE KINEMATICS AND COLUMN DENSITIES OF THE CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2015, 812, 83.	1.6	65
27	HALO MASS DEPENDENCE OF H I AND O VI ABSORPTION: EVIDENCE FOR DIFFERENTIAL KINEMATICS. <i>Astrophysical Journal</i> , 2014, 792, 128.	1.6	23
28	THE SELF-SIMILARITY OF THE CIRCUMGALACTIC MEDIUM WITH GALAXY VIRIAL MASS: IMPLICATIONS FOR COLD-MODE ACCRETION. <i>Astrophysical Journal Letters</i> , 2013, 763, L42.	3.0	41
29	MAGiCAT II. GENERAL CHARACTERISTICS OF THE Mg II ABSORBING CIRCUMGALACTIC MEDIUM. <i>Astrophysical Journal</i> , 2013, 776, 115.	1.6	107
30	THE REDSHIFT DISTRIBUTION OF INTERVENING WEAK Mg II QUASAR ABSORBERS AND A CURIOUS DEPENDENCE ON QUASAR LUMINOSITY. <i>Astrophysical Journal</i> , 2013, 768, 3.	1.6	10
31	MAGiCAT I. THE Mg II ABSORBER-GALAXY CATALOG. <i>Astrophysical Journal</i> , 2013, 776, 114.	1.6	83
32	MAGiCAT III. INTERPRETING SELF-SIMILARITY OF THE CIRCUMGALACTIC MEDIUM WITH VIRIAL MASS USING Mg II ABSORPTION. <i>Astrophysical Journal</i> , 2013, 779, 87.	1.6	51
33	THE SMOOTH Mg II GAS DISTRIBUTION THROUGH THE INTERSTELLAR/EXTRA-PLANAR/HALO INTERFACE. <i>Astrophysical Journal Letters</i> , 2013, 777, L11.	3.0	20
34	QUENCHED COLD ACCRETION OF A LARGE-SCALE METAL-POOR FILAMENT DUE TO VIRIAL SHOCKING IN THE HALO OF A MASSIVE $z = 0.7$ GALAXY. <i>Astrophysical Journal</i> , 2012, 760, 68.	1.6	35
35	TRACING OUTFLOWS AND ACCRETION: A BIMODAL AZIMUTHAL DEPENDENCE OF Mg II ABSORPTION. <i>Astrophysical Journal Letters</i> , 2012, 760, L7.	3.0	165