

Gwen C Rudie

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,102
citations

186265

28
h-index

289244

40
g-index

41
all docs

41
docs citations

41
times ranked

2659
citing authors

#	ARTICLE	IF	CITATIONS
1	THE STRUCTURE AND KINEMATICS OF THE CIRCUMGALACTIC MEDIUM FROM FAR-ULTRAVIOLET SPECTRA OF $z \sim 2-3$ GALAXIES. <i>Astrophysical Journal</i> , 2010, 717, 289-322.	4.5	866
2	STRONG NEBULAR LINE RATIOS IN THE SPECTRA OF $z \sim 2-3$ STAR FORMING GALAXIES: FIRST RESULTS FROM KBSS-MOSFIRE. <i>Astrophysical Journal</i> , 2014, 795, 165.	4.5	508
3	RECONCILING THE STELLAR AND NEBULAR SPECTRA OF HIGH-REDSHIFT GALAXIES*. <i>Astrophysical Journal</i> , 2016, 826, 159.	4.5	314
4	THE GASEOUS ENVIRONMENT OF HIGH- z GALAXIES: PRECISION MEASUREMENTS OF NEUTRAL HYDROGEN IN THE CIRCUMGALACTIC MEDIUM OF $z \sim 2-3$ GALAXIES IN THE KECK BARYONIC STRUCTURE SURVEY. <i>Astrophysical Journal</i> , 2012, 750, 67.	4.5	267
5	The Keck Lyman Continuum Spectroscopic Survey (KLCS): The Emergent Ionizing Spectrum of Galaxies at $z \sim 3$. <i>Astrophysical Journal</i> , 2018, 869, 123.	4.5	201
6	Nebular Emission Line Ratios in $z \sim 3$ Star-forming Galaxies with KBSS-MOSFIRE: Exploring the Impact of Ionization, Excitation, and Nitrogen-to-Oxygen Ratio. <i>Astrophysical Journal</i> , 2017, 836, 164.	4.5	192
7	THE $L_{\text{Ly}\alpha}$ PROPERTIES OF FAINT GALAXIES AT $z \sim 2-3$ WITH SYSTEMIC REDSHIFTS AND VELOCITY DISPERSIONS FROM KECK-MOSFIRE. <i>Astrophysical Journal</i> , 2014, 795, 33.	4.5	151
8	Q1549-C25: A CLEAN SOURCE OF LYMAN-CONTINUUM EMISSION AT $z = 3.15$. <i>Astrophysical Journal Letters</i> , 2016, 826, L24.	8.3	131
9	Metal-line absorption around $z \sim 2.4$ star-forming galaxies in the Keck Baryonic Structure Survey.... <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 794-822.	4.4	129
10	THE SPECTROSCOPIC PROPERTIES OF $L_{\text{Ly}\alpha}$ -EMITTERS AT $z \sim 2.7$: ESCAPING GAS AND PHOTONS FROM FAINT GALAXIES. <i>Astrophysical Journal</i> , 2015, 809, 89.	4.5	125
11	THE COLUMN DENSITY DISTRIBUTION AND CONTINUUM OPACITY OF THE INTERGALACTIC AND CIRCUMGALACTIC MEDIUM AT REDSHIFT $z \sim 2.4$. <i>Astrophysical Journal</i> , 2013, 769, 146.	4.5	107
12	Measuring the Physical Conditions in High-redshift Star-forming Galaxies: Insights from KBSS-MOSFIRE. <i>Astrophysical Journal</i> , 2018, 868, 117.	4.5	94
13	THE REST-FRAME OPTICAL SPECTROSCOPIC PROPERTIES OF $L_{\text{Ly}\alpha}$ -EMITTERS AT $z \sim 2.5$: THE PHYSICAL ORIGINS OF STRONG $L_{\text{Ly}\alpha}$ EMISSION*. <i>Astrophysical Journal</i> , 2016, 832, 171.	4.5	83
14	THE TEMPERATURE-DENSITY RELATION IN THE INTERGALACTIC MEDIUM AT REDSHIFT $z \sim 2.4$. <i>Astrophysical Journal Letters</i> , 2012, 757, L30.	8.3	81
15	A SPECTROSCOPIC SEARCH FOR LEAKING LYMAN CONTINUUM AT $z \sim 0.7$. <i>Astrophysical Journal</i> , 2010, 720, 465-479.	4.5	71
16	Discovery and Early Evolution of ASASSN-19bt, the First TDE Detected by TESS. <i>Astrophysical Journal</i> , 2019, 883, 111.	4.5	71
17	Column Density, Kinematics, and Thermal State of Metal-bearing Gas within the Virial Radius of $z \sim 2$ Star-forming Galaxies in the Keck Baryonic Structure Survey. <i>Astrophysical Journal</i> , 2019, 885, 61.	4.5	69
18	NEUTRAL HYDROGEN OPTICAL DEPTH NEAR STAR-FORMING GALAXIES AT $z \sim 2.4$ IN THE KECK BARYONIC STRUCTURE SURVEY. <i>Astrophysical Journal</i> , 2012, 751, 94.	4.5	66

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19	A HIGH FRACTION OF Ly α EMITTERS AMONG GALAXIES WITH EXTREME EMISSION LINE RATIOS AT $z \sim 1/4$. Astrophysical Journal, 2016, 830, 52.	4.5	56
20	The Redshift Evolution of Rest-UV Spectroscopic Properties in Lyman-break Galaxies at $z \sim 1/4$. Astrophysical Journal, 2018, 860, 75.	4.5	55
21	Dust Attenuation, Star Formation, and Metallicity in $z \sim 1/4$ Galaxies from KBSS-MOSFIRE. Astrophysical Journal, 2019, 871, 128.	4.5	49
22	A newly discovered DLA and associated Ly α emission in the spectra of the gravitationally lensed quasar UG 673A. Monthly Notices of the Royal Astronomical Society, 2010, 409, 679-693.	4.4	41
23	Detection of hot, metal-enriched outflowing gas around $z \sim 2.3$ star-forming galaxies in the Keck Baryonic Structure Survey. Monthly Notices of the Royal Astronomical Society, 2015, 450, 2067-2082.	4.4	38
24	The Cosmic Ultraviolet Baryon Survey (CUBS) – I. Overview and the diverse environments of Lyman limit systems at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2020, 497, 498-520.	4.4	37
25	The Keck Baryonic Structure Survey: using foreground/background galaxy pairs to trace the structure and kinematics of circumgalactic neutral hydrogen at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1721-1746.	4.4	37
26	LATIS: The Ly α Tomography IMACS Survey. Astrophysical Journal, 2020, 891, 147.	4.5	36
27	A measurement of galaxy halo mass from the surrounding H α Ly α absorption. Monthly Notices of the Royal Astronomical Society, 2013, 433, 3103-3114.	4.4	31
28	Predicting Ly α Emission from Galaxies via Empirical Markers of Production and Escape in the KBSS*. Astrophysical Journal, 2019, 887, 85.	4.5	31
29	Chemical Abundance Scaling Relations for Multiple Elements in $z \sim 1/3$ Star-forming Galaxies. Astrophysical Journal, 2022, 925, 116.	4.5	25
30	The Cosmic Ultraviolet Baryon Survey (CUBS) – III. Physical properties and elemental abundances of Lyman-limit systems at $z < 1$. Monthly Notices of the Royal Astronomical Society, 2021, 506, 877-902.	4.4	24
31	The KBSS-KCWI survey: the connection between extended Ly α haloes and galaxy azimuthal angle at $z < 1/4$. Monthly Notices of the Royal Astronomical Society, 2021, 508, 19-43.	4.4	20
32	A Unique View of AGN-driven Molecular Outflows: The Discovery of a Massive Galaxy Counterpart to a $z \sim 2.4$ High-metallicity Damped Ly α Absorber. Astrophysical Journal, 2017, 843, 98.	4.5	19
33	Direct Constraints on the Extremely Metal-poor Massive Stars Underlying Nebular C iv Emission from Ultra-deep HST/COS Ultraviolet Spectroscopy. Astrophysical Journal, 2022, 930, 105.	4.5	19
34	The Cosmic Ultraviolet Baryon Survey (CUBS) – IV. The complex multiphase circumgalactic medium as revealed by partial Lyman limit systems. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4359-4384.	4.4	14
35	Imaging Spectroscopy of Ionized Gaseous Nebulae around Optically Faint AGNs at Redshift $z \sim 1/4$. Astrophysical Journal, 2018, 866, 119.	4.5	12
36	The Cosmic Ultraviolet Baryon Survey (CUBS). II. Discovery of an H α -bearing DLA in the Vicinity of an Early-type Galaxy at $z = 0.576$. Astrophysical Journal, 2021, 913, 18.	4.5	9

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37	Characterizing Protoclusters and Protogroups at $z \approx 2.5$ Using Ly α Tomography. <i>Astrophysical Journal</i> , 2022, 930, 109.	4.5	9
38	A population of ultraviolet-dim protoclusters detected in absorption. <i>Nature</i> , 2022, 606, 475-478.	27.8	8
39	Reconciling the results of the $z \approx 2$ MOSDEF and KBSS-MOSFIRE Surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 3871-3892.	4.4	5
40	Discovery of a Damped Ly α Absorber Originating in a Spectacular Interacting Dwarf Galaxy Pair at $z = 0.026$. <i>Astrophysical Journal Letters</i> , 2022, 926, L33.	8.3	1