

Gabor Wörseck

List of Publications by Year in descending order

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Version: 2024-02-01

66
papers

4,449
citations

109137

35
h-index

114278

63
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66
all docs

66
docs citations

66
times ranked

2850
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | The Low-Redshift Lyman Continuum Survey. <i>Astronomy and Astrophysics</i> , 2022, 663, A59. | 2.1 | 27 |
| 2 | Strong Lyman continuum emitting galaxies show intense C IV λ 1550 emission. <i>Astronomy and Astrophysics</i> , 2022, 658, L11. | 2.1 | 32 |
| 3 | He II Ly α Transmission Spikes and Absorption Troughs in Eight High-resolution Spectra Probing the End of He II Reionization. <i>Astrophysical Journal</i> , 2022, 927, 175. | 1.6 | 0 |
| 4 | The Low-redshift Lyman Continuum Survey. I. New, Diverse Local Lyman Continuum Emitters. <i>Astrophysical Journal, Supplement Series</i> , 2022, 260, 1. | 3.0 | 62 |
| 5 | The Low-redshift Lyman Continuum Survey. II. New Insights into LyC Diagnostics. <i>Astrophysical Journal</i> , 2022, 930, 126. | 1.6 | 48 |
| 6 | No correlation of the Lyman continuum escape fraction with spectral hardness. <i>Astronomy and Astrophysics</i> , 2022, 663, L1. | 2.1 | 10 |
| 7 | Tracing Ly α and LyC Escape in Galaxies with Mg II Emission. <i>Astrophysical Journal</i> , 2022, 933, 202. | 1.6 | 17 |
| 8 | Lyman continuum leakage from low-mass galaxies with $M < -10.8 M_{\odot}$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 503, 1734-1752. | 1.6 | 72 |
| 9 | New Evidence for Extended He II Reionization at $z \approx 3.5$ from He II Lyman Alpha and Beta Transmission Spikes*. <i>Astrophysical Journal</i> , 2021, 912, 38. | 1.6 | 12 |
| 10 | The first measurement of the quasar lifetime distribution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 649-662. | 1.6 | 23 |
| 11 | Dating individual quasars with the He II λ 1084 proximity effect. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 5084-5103. | 1.6 | 13 |
| 12 | The Low-redshift Lyman-continuum Survey: [S II] Deficiency and the Leakage of Ionizing Radiation. <i>Astrophysical Journal</i> , 2021, 916, 3. | 1.6 | 24 |
| 13 | A meeting at $z \approx 3$: Young massive galaxies and an AGN within 30 kpc of the luminous QSO LBQS 0302-0019. <i>Astronomy and Astrophysics</i> , 2021, 653, A122. | 2.1 | 3 |
| 14 | The mean free path of ionizing photons at $z \approx 6$: evidence for rapid evolution near reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 1853-1869. | 1.6 | 63 |
| 15 | Sub-damped Ly α systems in the XQ-100 survey II. Chemical evolution at $z \approx 4.3$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 502, 4009-4025. | 1.6 | 13 |
| 16 | Diverse properties of Ly α emission in low-redshift compact star-forming galaxies with extremely high $[O III]/[O II]$ ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 491, 468-482. | 1.6 | 47 |
| 17 | The X-SHOOTER/ALMA Sample of Quasars in the Epoch of Reionization. I. NIR Spectral Modeling, Iron Enrichment, and Broad Emission Line Properties. <i>Astrophysical Journal</i> , 2020, 905, 51. | 1.6 | 66 |
| 18 | Evolution of the AGN UV luminosity function from redshift 7.5. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 1035-1065. | 1.6 | 143 |

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|----|---|-----|-----------|
| 19 | The Evolution of O i over $3.2 \leq z \leq 6.5$: Reionization of the Circumgalactic Medium. <i>Astrophysical Journal</i> , 2019, 883, 163. | 1.6 | 45 |
| 20 | Sub-damped Lyman λ systems in the XQ-100 survey â€” I. Identification and contribution to the cosmological H α budget. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 488, 4356-4369. | 1.6 | 17 |
| 21 | Spectroscopic Redshift of the Gamma-Ray Blazar B2 1215+30 from Ly λ Emission. <i>Astronomical Journal</i> , 2019, 157, 41. | 1.9 | 4 |
| 22 | The Evolution of the He ii-ionizing Background at Redshifts $2.3 \leq z \leq 3.8$ Inferred from a Statistical Sample of 24 HST/COS He ii Ly λ Absorption Spectra*. <i>Astrophysical Journal</i> , 2019, 875, 111. | 1.6 | 31 |
| 23 | Evidence for short ~ 1 Myr lifetimes from the He α proximity zones of $z \sim 4$ quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 3897-3910. | 1.6 | 27 |
| 24 | Imprints of the first billion years: Lyman limit systems at $z \sim 5$. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 482, 1456-1470. | 1.6 | 12 |
| 25 | Low-redshift Lyman continuum leaking galaxies with high [O iii]/[O α] ratios. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 4851-4865. | 1.6 | 196 |
| 26 | Modeling the He ii Transverse Proximity Effect: Constraints on Quasar Lifetime and Obscuration. <i>Astrophysical Journal</i> , 2018, 861, 122. | 1.6 | 23 |
| 27 | Discovery of a dual AGN at $z \sim 3.3$ with 20 kpc separation. <i>Astronomy and Astrophysics</i> , 2018, 610, L7. | 2.1 | 25 |
| 28 | Cosmic dance at $z \sim 3$: Detecting the host galaxies of the dual AGN system LBQS 0302â€”0019 and $z \sim 1$ with HAWK-I+GRAAL. <i>Astronomy and Astrophysics</i> , 2018, 614, L2. | 2.1 | 3 |
| 29 | Hunting for metals using XQ-100 Legacy Survey composite spectra. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 105-121. | 1.6 | 12 |
| 30 | J1154+2443: a low-redshift compact star-forming galaxy with a 46% per cent leakage of Lyman continuum photons. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 474, 4514-4527. | 1.6 | 161 |
| 31 | Intense C α λ 1907,1909 emission from a strong Lyman continuum emitting galaxy. <i>Astronomy and Astrophysics</i> , 2018, 616, L14. | 2.1 | 24 |
| 32 | Lyman- α spectral properties of five newly discovered Lyman continuum emitters. <i>Astronomy and Astrophysics</i> , 2017, 597, A13. | 2.1 | 167 |
| 33 | The COS-Halos Survey: Metallicities in the Low-redshift Circumgalactic Medium $\langle z \rangle$. <i>Astrophysical Journal</i> , 2017, 837, 169. | 1.6 | 203 |
| 34 | New constraints on the free-streaming of warm dark matter from intermediate and small scale Lyman- α forest data. <i>Physical Review D</i> , 2017, 96, . | 1.6 | 360 |
| 35 | Statistical Detection of the He ii Transverse Proximity Effect: Evidence for Sustained Quasar Activity for ~ 25 Million Years. <i>Astrophysical Journal</i> , 2017, 847, 81. | 1.6 | 36 |
| 36 | Statistical Detection of the He ii Transverse Proximity Effect: Evidence for Sustained Quasar Activity for ~ 25 Million Years. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, . | 1.1 | 0 |

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|----|--|------|-----------|
| 37 | On the selection of damped Lyman $\hat{\pm}$ systems using Mg $\langle \text{sc} \rangle$ absorption at $2 < i > z < / i > \text{abs}$ < 4. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 464, L56-L60. | 1.2 | 15 |
| 38 | Do galaxies that leak ionizing photons have extreme outflows?. Astronomy and Astrophysics, 2017, 605, A67. | 2.1 | 59 |
| 39 | Solving the conundrum of intervening strong Mg $\hat{\pm}$ absorbers towards gamma-ray bursts and quasars. Astronomy and Astrophysics, 2017, 608, A84. | 2.1 | 11 |
| 40 | THE HE II PROXIMITY EFFECT AND THE LIFETIME OF QUASARS. Astrophysical Journal, 2016, 824, 133. | 1.6 | 32 |
| 41 | CONSTRAINING THE LIFETIME AND OPENING ANGLE OF QUASARS USING FLUORESCENT Ly $\hat{\pm}$ EMISSION: THE CASE OF Q0420 $\hat{\pm}$ 388. Astrophysical Journal, 2016, 830, 120. | 1.6 | 27 |
| 42 | The ionizing photon production efficiency of compact $< i > z < / i > \sim 0.3$ Lyman continuum leakers and comparison with high-redshift galaxies. Astronomy and Astrophysics, 2016, 591, L8. | 2.1 | 60 |
| 43 | XQ-100: A legacy survey of one hundred $3.5 < i > z < / i > \hat{\pm} 4.5$ quasars observed with VLT/X-shooter. Astronomy and Astrophysics, 2016, 594, A91. | 2.1 | 72 |
| 44 | EARLY AND EXTENDED HELIUM REIONIZATION OVER MORE THAN 600 MILLION YEARS OF COSMIC TIME*. Astrophysical Journal, 2016, 825, 144. | 1.6 | 90 |
| 45 | Nature and statistical properties of quasar associated absorption systems in the XQ-100 Legacy Survey. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3285-3301. | 1.6 | 32 |
| 46 | Chemical abundances of the damped Lyman $\hat{\pm}$ systems in the XQ-100 survey. Monthly Notices of the Royal Astronomical Society, 2016, 463, 3021-3037. | 1.6 | 36 |
| 47 | Detection of high Lyman continuum leakage from four low-redshift compact star-forming galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 461, 3683-3701. | 1.6 | 240 |
| 48 | Eight per cent leakage of Lyman continuum photons from a compact, star-forming dwarf galaxy. Nature, 2016, 529, 178-180. | 13.7 | 209 |
| 49 | The evolution of neutral gas in damped Lyman $\hat{\pm}$ systems from the XQ-100 survey. Monthly Notices of the Royal Astronomical Society, 2016, 456, 4488-4505. | 1.6 | 64 |
| 50 | The neutral hydrogen cosmological mass density at $< i > z < / i > = 5$. Monthly Notices of the Royal Astronomical Society, 2015, 452, 217-234. | 1.6 | 135 |
| 51 | The first ultraviolet quasar-stacked spectrum at $z \hat{\pm} 2.4$ from WFC3. Monthly Notices of the Royal Astronomical Society, 2015, 449, 4204-4220. | 1.6 | 197 |
| 52 | The case against large intensity fluctuations in the $z \hat{\pm} 2.5$ He $\hat{\pm}$ Ly $\hat{\pm}$ forest. Monthly Notices of the Royal Astronomical Society, 2014, 440, 2406-2418. | 1.6 | 22 |
| 53 | The Giant Gemini GMOS survey of $z \hat{\pm} 4.4$ quasars $\hat{\pm}$ I. Measuring the mean free path across cosmic time. Monthly Notices of the Royal Astronomical Society, 2014, 445, 1745-1760. | 1.6 | 146 |
| 54 | A refined measurement of the mean transmitted flux in the Ly $\hat{\pm}$ forest over $2 < i > z < / i > 5$ using composite quasar spectra. Monthly Notices of the Royal Astronomical Society, 2013, 430, 2067-2081. | 1.6 | 137 |

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|----|--|-----|-----------|
| 55 | DISSECTING THE PROPERTIES OF OPTICALLY THICK HYDROGEN AT THE PEAK OF COSMIC STAR FORMATION HISTORY. <i>Astrophysical Journal</i> , 2013, 775, 78. | 1.6 | 82 |
| 56 | THE <i>HST</i> /ACS+WFC3 SURVEY FOR LYMAN LIMIT SYSTEMS. II. SCIENCE. <i>Astrophysical Journal</i> , 2013, 765, 137. | 1.6 | 79 |
| 57 | <i>GALEX</i> FAR-ULTRAVIOLET COLOR SELECTION OF UV-BRIGHT HIGH-REDSHIFT QUASARS. <i>Astrophysical Journal</i> , 2011, 728, 23. | 1.6 | 71 |
| 58 | THE END OF HELIUM REIONIZATION AT $z \approx 2.7$ INFERRED FROM COSMIC VARIANCE IN <i>HST</i> /COS He II Ly λ ABSORPTION SPECTRA. <i>Astrophysical Journal Letters</i> , 2011, 733, L24. | 3.0 | 88 |
| 59 | A DEFINITIVE SURVEY FOR LYMAN LIMIT SYSTEMS AT $z \approx 3.5$ WITH THE SLOAN DIGITAL SKY SURVEY. <i>Astrophysical Journal</i> , 2010, 718, 392-416. | 1.6 | 144 |
| 60 | A DIRECT MEASUREMENT OF THE INTERGALACTIC MEDIUM OPACITY TO H I IONIZING PHOTONS. <i>Astrophysical Journal</i> , 2009, 705, L113-L117. | 1.6 | 122 |
| 61 | The line-of-sight proximity effect in individual quasar spectra. <i>Astronomy and Astrophysics</i> , 2008, 480, 359-368. | 2.1 | 21 |
| 62 | A slitless spectroscopic survey for quasars near quasars. <i>Astronomy and Astrophysics</i> , 2008, 487, 539-554. | 2.1 | 10 |
| 63 | An unbiased measurement of the UV background and its evolution via the proximity effect in quasar spectra. <i>Astronomy and Astrophysics</i> , 2008, 491, 465-481. | 2.1 | 86 |
| 64 | The transverse proximity effect in spectral hardness on the line of sight towards HE 2347-4342. <i>Astronomy and Astrophysics</i> , 2007, 473, 805-818. | 2.1 | 47 |
| 65 | Quasars near the line of sight towards Q 0302-003 and the transverse proximity effect. <i>Astronomy and Astrophysics</i> , 2006, 450, 495-508. | 2.1 | 46 |
| 66 | The Lyman-alpha forest power spectrum from the XQ-100 Legacy Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , stw3372. | 1.6 | 48 |