

Hakim Atek

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6017992/publications.pdf>

Version: 2024-02-01

34
papers

2,677
citations

201674

27
h-index

395702

33
g-index

34
all docs

34
docs citations

34
times ranked

2171
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass and magnification maps for the Hubble Space Telescope Frontier Fields clusters: implications for high-redshift studies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 444, 268-289.	4.4	173
2	PHYSICAL PROPERTIES OF EMISSION-LINE GALAXIES AT $z \approx 2$ FROM NEAR-INFRARED SPECTROSCOPY WITH MAGELLAN FIRE. <i>Astrophysical Journal</i> , 2014, 785, 153.	4.5	173
3	ARE ULTRA-FAINT GALAXIES AT $z \approx 6-8$ RESPONSIBLE FOR COSMIC REIONIZATION? COMBINED CONSTRAINTS FROM THE HUBBLE FRONTIER FIELDS CLUSTERS AND PARALLELS. <i>Astrophysical Journal</i> , 2015, 814, 69.	4.5	166
4	New Determinations of the UV Luminosity Functions from $z \approx 9$ to 2 Show a Remarkable Consistency with Halo Growth and a Constant Star Formation Efficiency. <i>Astronomical Journal</i> , 2021, 162, 47.	4.7	166
5	The extreme faint end of the UV luminosity function at $z \approx 6$ through gravitational telescopes: a comprehensive assessment of strong lensing uncertainties. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 479, 5184-5195.	4.4	159
6	The HDUV Survey: A Revised Assessment of the Relationship between UV Slope and Dust Attenuation for High-redshift Galaxies. <i>Astrophysical Journal</i> , 2018, 853, 56.	4.5	148
7	UVUDF: ULTRAVIOLET THROUGH NEAR-INFRARED CATALOG AND PHOTOMETRIC REDSHIFTS OF GALAXIES IN THE HUBBLE ULTRA DEEP FIELD. <i>Astronomical Journal</i> , 2015, 150, 31.	4.7	139
8	NEW CONSTRAINTS ON THE FAINT END OF THE UV LUMINOSITY FUNCTION AT $z \approx 7-8$ USING THE GRAVITATIONAL LENSING OF THE HUBBLE FRONTIER FIELDS CLUSTER A2744. <i>Astrophysical Journal</i> , 2015, 800, 18.	4.5	133
9	THE LYMAN ALPHA REFERENCE SAMPLE: EXTENDED LYMAN ALPHA HALOS PRODUCED AT LOW DUST CONTENT. <i>Astrophysical Journal Letters</i> , 2013, 765, L27.	8.3	114
10	THE LYMAN ALPHA MORPHOLOGY OF LOCAL STARBURST GALAXIES: RELEASE OF CALIBRATED IMAGES. <i>Astronomical Journal</i> , 2009, 138, 923-940.	4.7	113
11	THE LYMAN ALPHA REFERENCE SAMPLE. II. HUBBLE SPACE TELESCOPE IMAGING RESULTS, INTEGRATED PROPERTIES, AND TRENDS. <i>Astrophysical Journal</i> , 2014, 782, 6.	4.5	113
12	THE LYMAN ALPHA REFERENCE SAMPLE. V. THE IMPACT OF NEUTRAL ISM KINEMATICS AND GEOMETRY ON $\text{Ly}\alpha$ ESCAPE. <i>Astrophysical Journal</i> , 2015, 805, 14.	4.5	106
13	LOW MASSES AND HIGH REDSHIFTS: THE EVOLUTION OF THE MASS-METALLICITY RELATION. <i>Astrophysical Journal Letters</i> , 2013, 776, L27.	8.3	101
14	THE $\text{Ly}\alpha$ REFERENCE SAMPLE. I. SURVEY OUTLINE AND FIRST RESULTS FOR MARKARIAN 259. <i>Astrophysical Journal</i> , 2014, 797, 11.	4.5	100
15	PREDICTING FUTURE SPACE NEAR-IR GRISM SURVEYS USING THE WFC3 INFRARED SPECTROSCOPIC PARALLELS SURVEY. <i>Astrophysical Journal</i> , 2013, 779, 34.	4.5	73
16	UVUDF: ULTRAVIOLET IMAGING OF THE HUBBLE ULTRA DEEP FIELD WITH WIDE-FIELD CAMERA 3. <i>Astronomical Journal</i> , 2013, 146, 159.	4.7	65
17	Mapping substructure in the HST Frontier Fields cluster lenses and in cosmological simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 1962-1980.	4.4	64
18	PROBING THE $z \approx 6$ UNIVERSE WITH THE FIRST HUBBLE FRONTIER FIELDS CLUSTER A2744. <i>Astrophysical Journal</i> , 2014, 786, 60.	4.5	62

#	ARTICLE	IF	CITATIONS
19	Reionization with galaxies and active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2020, 495, 3065-3078.	4.4	61
20	The BUFFALO HST Survey. Astrophysical Journal, Supplement Series, 2020, 247, 64.	7.7	57
21	Influence of physical galaxy properties on Ly α escape in star-forming galaxies. Astronomy and Astrophysics, 2014, 561, A89.	5.1	53
22	HUBBLE SPACE TELESCOPE GRISM SPECTROSCOPY OF EXTREME STARBURSTS ACROSS COSMIC TIME: THE ROLE OF DWARF GALAXIES IN THE STAR FORMATION HISTORY OF THE UNIVERSE. Astrophysical Journal, 2014, 789, 96.	4.5	50
23	HDUV: The Hubble Deep UV Legacy Survey. Astrophysical Journal, Supplement Series, 2018, 237, 12.	7.7	44
24	High-redshift Galaxies and Black Holes Detectable with the JWST: A Population Synthesis Model from Infrared to X-Rays. Astrophysical Journal, 2017, 849, 155.	4.5	42
25	The Lyman alpha reference sample. Astronomy and Astrophysics, 2016, 587, A78.	5.1	40
26	A High Space Density of Luminous Ly α Emitters at $z \approx 6.5$. Astrophysical Journal, 2017, 837, 11.	4.5	38
27	The star formation burstiness and ionizing efficiency of low-mass galaxies. Monthly Notices of the Royal Astronomical Society, 2022, 511, 4464-4479.	4.4	30
28	How robustly can we constrain the low-mass end of the $z \approx 6$ stellar mass function? The limits of lensing models and stellar population assumptions in the Hubble Frontier Fields. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1568-1590.	4.4	26
29	The HDUV Survey: Six Lyman Continuum Emitter Candidates at $z \approx 6.2$ Revealed by HST UV Imaging*. Astrophysical Journal, 2017, 847, 12.	4.5	22
30	The Mass-Metallicity Relation at $z \approx 1$ and Its Dependence on the Star Formation Rate. Astrophysical Journal, 2021, 919, 143.	4.5	17
31	Extensive Lensing Survey of Optical and Near-infrared Dark Objects (El Sonido): HST H-faint Galaxies behind 101 Lensing Clusters. Astrophysical Journal, 2021, 922, 114.	4.5	14
32	The Ly α Reference Sample. VIII. Characterizing Ly α Scattering in Nearby Galaxies. Astrophysical Journal, 2018, 852, 9.	4.5	11
33	Spectroscopically Identified Emission Line Galaxy Pairs in the WISP Survey*. Astrophysical Journal, 2021, 923, 156.	4.5	4
34	Dwarf Galaxies: From the Epoch of Peak Star Formation to the Epoch of Reionization. Proceedings of the International Astronomical Union, 2018, 14, 429-436.	0.0	0