

Kristian M Finlator

List of Publications by Year in descending order

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69
papers

6,232
citations

70961

41
h-index

98622

67
g-index

71
all docs

71
docs citations

71
times ranked

4598
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical and Radio Properties of Extragalactic Sources Observed by the FIRST Survey and the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2002, 124, 2364-2400.	1.9	416
2	Solar System Objects Observed in the Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2001, 122, 2749-2784.	1.9	381
3	The origin of the galaxy mass-metallicity relation and implications for galactic outflows. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 385, 2181-2204.	1.6	380
4	Galaxy evolution in cosmological simulations with outflows - II. Metallicities and gas fractions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1354-1376.	1.6	335
5	Galaxy evolution in cosmological simulations with outflows - I. Stellar masses and star formation rates. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 11-31.	1.6	297
6	A CRITICAL ASSESSMENT OF PHOTOMETRIC REDSHIFT METHODS: A CANDELS INVESTIGATION. <i>Astrophysical Journal</i> , 2013, 775, 93.	1.6	290
7	An analytic model for the evolution of the stellar, gas and metal content of galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, , no-no.	1.6	279
8	CANDELS: THE EVOLUTION OF GALAXY REST-FRAME ULTRAVIOLET COLORS FROM $z = 8$ TO 4. <i>Astrophysical Journal</i> , 2012, 756, 164.	1.6	256
9	THE RELATION BETWEEN STAR FORMATION RATE AND STELLAR MASS FOR GALAXIES AT $3.5 < z < 6.5$ IN CANDELS. <i>Astrophysical Journal</i> , 2015, 799, 183.	1.6	253
10	SEDS: THE SPITZER EXTENDED DEEP SURVEY. SURVEY DESIGN, PHOTOMETRY, AND DEEP IRAC SOURCE COUNTS. <i>Astrophysical Journal</i> , 2013, 769, 80.	1.6	220
11	Candidate RR Lyrae Stars Found in Sloan Digital Sky Survey Commissioning Data. <i>Astronomical Journal</i> , 2000, 120, 963-977.	1.9	208
12	Conditions for Reionizing the Universe with a Low Galaxy Ionizing Photon Escape Fraction. <i>Astrophysical Journal</i> , 2019, 879, 36.	1.6	201
13	CANDELS: THE CONTRIBUTION OF THE OBSERVED GALAXY POPULATION TO COSMIC REIONIZATION. <i>Astrophysical Journal</i> , 2012, 758, 93.	1.6	174
14	A fundamental problem in our understanding of low-mass galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2797-2812.	1.6	139
15	Optical and Infrared Colors of Stars Observed by the Two Micron All Sky Survey and the Sloan Digital Sky Survey. <i>Astronomical Journal</i> , 2000, 120, 2615-2626.	1.9	115
16	A CRITICAL ASSESSMENT OF STELLAR MASS MEASUREMENT METHODS. <i>Astrophysical Journal</i> , 2015, 808, 101.	1.6	106
17	Gas clumping in self-consistent reionization models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 427, 2464-2479.	1.6	104
18	The Physical and Photometric Properties of High-Redshift Galaxies in Cosmological Hydrodynamic Simulations. <i>Astrophysical Journal</i> , 2006, 639, 672-694.	1.6	95

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19	SEMI-ANALYTIC MODELS FOR THE CANDELS SURVEY: COMPARISON OF PREDICTIONS FOR INTRINSIC GALAXY PROPERTIES. <i>Astrophysical Journal</i> , 2014, 795, 123.	1.6	91
20	Measuring the Average Evolution of Luminous Galaxies at $z < 3$: The Rest-frame Optical Luminosity Density, Spectral Energy Distribution, and Stellar Mass Density. <i>Astrophysical Journal</i> , 2006, 650, 624-643.	1.6	90
21	The nature of submillimetre galaxies in cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	1.6	89
22	Tracing the re-ionization-epoch intergalactic medium with metal absorption lines. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 729-758.	1.6	81
23	Demographics of Star-forming Galaxies since $z \approx 2.5$. I. The UVJ Diagram in CANDELS. <i>Astrophysical Journal</i> , 2018, 858, 100.	1.6	79
24	The physical properties and detectability of reionization-epoch galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 273-288.	1.6	76
25	Smoothly rising star formation histories during the reionization epoch. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , no-no.	1.6	75
26	How is star formation quenched in massive galaxies?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 407, 749-771.	1.6	75
27	PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT $z \approx 6$. II. MORPHOLOGY OF THE REST-FRAME UV CONTINUUM AND Ly α EMISSION. <i>Astrophysical Journal</i> , 2013, 773, 153.	1.6	73
28	Constraints on physical properties of $z \approx 6$ galaxies using cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 376, 1861-1878.	1.6	71
29	GALACTIC OUTFLOWS AND PHOTOIONIZATION HEATING IN THE REIONIZATION EPOCH. <i>Astrophysical Journal</i> , 2011, 743, 169.	1.6	69
30	CONSTRAINTS ON THE IONIZING EFFICIENCY OF THE FIRST GALAXIES. <i>Astrophysical Journal Letters</i> , 2012, 759, L38.	3.0	68
31	Quenching massive galaxies with on-the-fly feedback in cosmological hydrodynamic simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 2676-2695.	1.6	67
32	Equilibrium model constraints on baryon cycling across cosmic time. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1184-1200.	1.6	65
33	METALS REMOVED BY OUTFLOWS FROM MILKY WAY DWARF SPHEROIDAL GALAXIES. <i>Astrophysical Journal Letters</i> , 2011, 742, L25.	3.0	63
34	PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT $z \approx 6$. I. BASIC CHARACTERISTICS OF THE REST-FRAME UV CONTINUUM AND Ly α EMISSION. <i>Astrophysical Journal</i> , 2013, 772, 99.	1.6	62
35	Constraining the contribution of active galactic nuclei to reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 473, 227-240.	1.6	53
36	THE METALLICITY EVOLUTION OF LOW-MASS GALAXIES: NEW CONSTRAINTS AT INTERMEDIATE REDSHIFT. <i>Astrophysical Journal</i> , 2013, 769, 148.	1.6	52

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37	Reionization in Technicolor. Monthly Notices of the Royal Astronomical Society, 2018, 480, 2628-2649.	1.6	51
38	A new moment method for continuum radiative transfer in cosmological re-ionization. Monthly Notices of the Royal Astronomical Society, 2009, 393, 1090-1106.	1.6	50
39	The Spectral Evolution of the First Galaxies. III. Simulated James Webb Space Telescope Spectra of Reionization-epoch Galaxies with Lyman-continuum Leakage. Astrophysical Journal, 2017, 836, 78.	1.6	48
40	Simulating the 21 \AA cm signal from reionization including non-linear ionizations and inhomogeneous recombinations. Monthly Notices of the Royal Astronomical Society, 2016, 457, 1550-1567.	1.6	46
41	The late reionization of filaments. Monthly Notices of the Royal Astronomical Society, 2009, 400, 1049-1061.	1.6	42
42	The reionization of carbon. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2526-2539.	1.6	40
43	The host haloes of O \AA absorbers in the reionization epoch. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1818-1835.	1.6	37
44	PHYSICAL PROPERTIES OF SPECTROSCOPICALLY CONFIRMED GALAXIES AT $z \sim 6$. III. STELLAR POPULATIONS FROM SED MODELING WITH SECURE Ly α EMISSION AND REDSHIFTS*. Astrophysical Journal, 2016, 816, 16.	1.6	35
45	Equilibrium model prediction for the scatter in the star-forming main sequence. Monthly Notices of the Royal Astronomical Society, 2017, 464, 2766-2776.	1.6	33
46	Epoch of reionization 21 \AA cm forecasting from MCMC-constrained semi-numerical models. Monthly Notices of the Royal Astronomical Society, 2017, 468, 122-139.	1.6	33
47	The Soft, Fluctuating UVB at $z \sim 6$ as Traced by C \AA IV, Si \AA IV, and C \AA II. Monthly Notices of the Royal Astronomical Society, 0, , stw805.	1.6	26
48	The minimum halo mass for star formation at $z \sim 6$. Monthly Notices of the Royal Astronomical Society, 2017, 464, 1633-1639.	1.6	21
49	Artist: fast radiative transfer for large-scale simulations of the epoch of reionization. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5594-5611.	1.6	21
50	Merging galaxies produce outliers from the fundamental metallicity relation. Monthly Notices of the Royal Astronomical Society, 2015, 451, 4005-4017.	1.6	17
51	Evolution of C iv Absorbers. I. The Cosmic Incidence. Astrophysical Journal, 2020, 904, 44.	1.6	17
52	Gas Accretion and Galactic Chemical Evolution: Theory and Observations. Astrophysics and Space Science Library, 2017, , 221-248.	1.0	16
53	The faint host galaxies of C IV absorbers at $z \sim 5$. Monthly Notices of the Royal Astronomical Society, 2020, 493, 3223-3237.	1.6	15
54	Luminous Ly α Emitters with Very Blue UV-continuum Slopes at Redshift 5.7-6.6. Astrophysical Journal, 2020, 889, 90.	1.6	15

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55	The evolution of the Si content in the Universe from the epoch of reionization to cosmic noon. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 512, 2389-2401.	1.6	15
56	Aligned metal absorbers and the ultraviolet background at the end of reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4717-4727.	1.6	14
57	Weak evolution of the mass-metallicity relation at cosmic dawn in the FirstLight simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 494, 1988-1993.	1.6	14
58	Probing the Metal Enrichment of the Intergalactic Medium at $z=5.6$ Using the Hubble Space Telescope. <i>Astrophysical Journal Letters</i> , 2017, 849, L18.	3.0	13
59	Evolution of neutral oxygen during the epoch of reionization and its use in estimating the neutral hydrogen fraction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 489, 2755-2768.	1.6	13
60	CLEAR: Boosted Ly α Transmission of the Intergalactic Medium in UV-bright Galaxies. <i>Astrophysical Journal</i> , 2022, 933, 87.	1.6	12
61	Testing galaxy formation simulations with damped Lyman- α abundance and metallicity evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 492, 2835-2846.	1.6	10
62	A [C II] 158 μm emitter associated with an O I absorber at the end of the reionization epoch. <i>Nature Astronomy</i> , 2021, 5, 1110-1117.	4.2	9
63	The effects of binary stars on galaxies and metal-enriched gas during reionization. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 505, 2207-2223.	1.6	8
64	The Mass-Metallicity Relation in Cosmological Hydrodynamic Simulations. <i>EAS Publications Series</i> , 2007, 24, 183-189.	0.3	4
65	When Does the Intergalactic Medium Become Enriched?. <i>EAS Publications Series</i> , 2007, 24, 157-162.	0.3	3
66	Assuming Ionization Equilibrium and the Impact on the Ly α Forest Power Spectrum during the End of Reionization at $8 \lesssim z \lesssim 5$. <i>Astrophysical Journal</i> , 2022, 931, 46.	1.6	3
67	Using Multiple Emission Line Ratios to Constrain the Slope of the Dust Attenuation Law. <i>Astrophysical Journal</i> , 2022, 928, 71.	1.6	2
68	The Optical, Infrared and Radio Properties of Extragalactic Sources Observed by SDSS, 2MASS and FIRST Surveys. <i>International Astronomical Union Colloquium</i> , 2002, 184, 137-146.	0.1	1
69	Recent Advances in Cosmological Hydrogen Reionization. , 2012, , .		0