

Yair Krongold

List of Publications by Year in descending order

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39
papers

1,788
citations

279798

23
h-index

302126

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39
all docs

39
docs citations

39
times ranked

1518
citing authors

#	ARTICLE	IF	CITATIONS
1	A HUGE RESERVOIR OF IONIZED GAS AROUND THE MILKY WAY: ACCOUNTING FOR THE MISSING MASS?. <i>Astrophysical Journal Letters</i> , 2012, 756, L8.	8.3	225
2	Observations of the missing baryons in the warm “hot intergalactic medium. <i>Nature</i> , 2018, 558, 406-409.	27.8	194
3	The Compact, Conical, Accretion Disk Warm Absorber of the Seyfert 1 Galaxy NGC 4051 and Its Implications for IGM Galaxy Feedback Processes. <i>Astrophysical Journal</i> , 2007, 659, 1022-1039.	4.5	169
4	Toward a Self-Consistent Model of the Ionized Absorber in NGC 3783. <i>Astrophysical Journal</i> , 2003, 597, 832-850.	4.5	162
5	Chandra Detection of the First X-Ray Forest along the Line of Sight to Markarian 421. <i>Astrophysical Journal</i> , 2005, 629, 700-718.	4.5	121
6	Probing the Local Group Medium toward Markarian 421 with Chandra and the Far Ultraviolet Spectroscopic Explorer. <i>Astrophysical Journal</i> , 2005, 631, 856-867.	4.5	82
7	THE RISE OF AN IONIZED WIND IN THE NARROW-LINE SEYFERT 1 GALAXY Mrk 335 OBSERVED BY XMM-NEWTON AND HST. <i>Astrophysical Journal</i> , 2013, 766, 104.	4.5	67
8	X-RAY HIGH-RESOLUTION SPECTROSCOPY REVEALS FEEDBACK IN A SEYFERT GALAXY FROM AN ULTRA-FAST WIND WITH COMPLEX IONIZATION AND VELOCITY STRUCTURE. <i>Astrophysical Journal Letters</i> , 2015, 813, L39.	8.3	62
9	Local and Large-Scale Environment of Seyfert Galaxies. <i>Astrophysical Journal</i> , 2006, 639, 37-45.	4.5	58
10	A DISTANT ECHO OF MILKY WAY CENTRAL ACTIVITY CLOSES THE GALAXY'S BARYON CENSUS. <i>Astrophysical Journal Letters</i> , 2016, 828, L12.	8.3	47
11	X-ray detection of warm ionized matter in the Galactic halo. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 676-694.	4.4	39
12	Space Telescope and Optical Reverberation Mapping Project. IX. Velocity Delay Maps for Broad Emission Lines in NGC 5548. <i>Astrophysical Journal</i> , 2021, 907, 76.	4.5	36
13	DISCOVERY OF RELATIVISTIC OUTFLOW IN THE SEYFERT GALAXY Ark 564. <i>Astrophysical Journal</i> , 2013, 772, 66.	4.5	35
14	Space Telescope and Optical Reverberation Mapping Project. VIII. Time Variability of Emission and Absorption in NGC 5548 Based on Modeling the Ultraviolet Spectrum. <i>Astrophysical Journal</i> , 2019, 881, 153.	4.5	34
15	DETECTION OF HIGH VELOCITY OUTFLOWS IN THE SEYFERT 1 GALAXY Mrk 590. <i>Astrophysical Journal</i> , 2015, 798, 4.	4.5	32
16	Discovery of a Very Hot Phase of the Milky Way Circumgalactic Medium with Non-solar Abundance Ratios. <i>Astrophysical Journal Letters</i> , 2019, 882, L23.	8.3	32
17	The nuclear environment of the NLS1 Mrk 335: Obscuration of the X-ray line emission by a variable outflow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 490, 683-697.	4.4	32
18	The XMM-Newton/HST View of the Obscuring Outflow in the Seyfert Galaxy Mrk 335 Observed at Extremely Low X-Ray Flux. <i>Astrophysical Journal</i> , 2019, 875, 150.	4.5	30

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19	Evidence for an emerging disc wind and collimated outflow during an X-ray flare in the narrow-line Seyfert 1 galaxy MrkA335. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 484, 4287-4297.	4.4	30
20	Probing the Anisotropy of the Milky Way Gaseous Halo-II: Sightline toward Mrk 509. <i>Astrophysical Journal</i> , 2017, 836, 243.	4.5	29
21	Probing the mass and anisotropy of the Milky Way gaseous halo: sight-lines toward Mrk 421 and PKS 2155-304. <i>Astrophysics and Space Science</i> , 2014, 352, 775-787.	1.4	27
22	Multiple Temperature Components of the Hot Circumgalactic Medium of the Milky Way. <i>Astrophysical Journal</i> , 2019, 887, 257.	4.5	27
23	Supersolar Metallicity in the NLS1 Galaxy Markarian 1044. <i>Astrophysical Journal</i> , 2005, 634, 928-938.	4.5	24
24	Early Science with the Large Millimeter Telescope: An Energy-driven Wind Revealed by Massive Molecular and Fast X-Ray Outflows in the Seyfert Galaxy IRAS 17020+4544. <i>Astrophysical Journal Letters</i> , 2018, 867, L11.	8.3	24
25	Coexistence of a non-thermal jet and a complex ultra-fast X-ray outflow in a moderately luminous AGN. <i>Astronomy and Astrophysics</i> , 2017, 600, A87.	5.1	23
26	<i>SUZAKU</i> MONITORING OF THE SEYFERT 1 GALAXY NGC 5548: WARM ABSORBER LOCATION AND ITS IMPLICATION FOR COSMIC FEEDBACK. <i>Astrophysical Journal</i> , 2010, 710, 360-371.	4.5	22
27	The Hot Circumgalactic Medium of the Milky Way: Evidence for Supervirial, Virial, and Subvirial Temperatures; Nonsolar Chemical Composition; and Nonthermal Line Broadening. <i>Astrophysical Journal</i> , 2021, 918, 83.	4.5	20
28	Evidence for a Massive Warm “Hot Circumgalactic Medium around NGC 3221. <i>Astrophysical Journal</i> , 2019, 885, 108.	4.5	19
29	Supervirial Temperature or Neon Overabundance? Suzaku Observations of the Milky Way Circumgalactic Medium. <i>Astrophysical Journal</i> , 2021, 909, 164.	4.5	17
30	The Evolution of the Warm Absorber Reveals a Shocked Outflow in the Narrow Line Seyfert 1 Galaxy IRAS 17020+4544. <i>Astrophysical Journal</i> , 2018, 868, 111.	4.5	16
31	Detection of a Multiphase Ultrafast Wind in the Narrow-line Seyfert 1 Galaxy Mrk 1044. <i>Astrophysical Journal</i> , 2021, 917, 39.	4.5	15
32	Probing the Hot Circumgalactic Medium with Broad O vi and X-Rays. <i>Astrophysical Journal</i> , 2021, 908, 69.	4.5	7
33	Empirical estimates of the Galactic halo contribution to the dispersion measures of extragalactic fast radio bursts using X-ray absorption. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 655-662.	4.4	7
34	The O vi Mystery: Mismatch between X-Ray and UV Column Densities. <i>Astrophysical Journal Letters</i> , 2017, 851, L7.	8.3	6
35	Evidence of galaxy interaction in the narrow-line Seyfert 1 galaxy IRAS 17020+4544 seen by NOEMA. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 501, 219-228.	4.4	5
36	UV Counterpart of an X-Ray Ultrafast Outflow in IRAS 17020+4544. <i>Astrophysical Journal</i> , 2022, 930, 166.	4.5	5

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37	Early science with the LMT: molecular torus in UGCâ€‰5101. Monthly Notices of the Royal Astronomical Society, 2020, 499, 2042-2050.	4.4	4
38	A high signal-to-noise HST spectrum towards J1009+0713: precise absorption measurements in the CGM of two galaxies. Monthly Notices of the Royal Astronomical Society, 2019, 489, 78-98.	4.4	3
39	X-Ray Sources in the 1.75 Ms Ultra Narrow Deep Field Observed by XMM-Newton. Astrophysical Journal, 2021, 919, 18.	4.5	1