Kirk T Korista

List of Publications by Year
in descending order

93 papers	8,249 citations	36303 51 h-index	43889 91 g-index
94 all docs	94 docs citations	94 times ranked	3865 citing authors

#	Article	IF	Citations
1	CLOUDY 90: Numerical Simulation of Plasmas and Their Spectra. Publications of the Astronomical Society of the Pacific, 1998, 110, 761-778.	3.1	1,979
2	Locally Optimally Emitting Clouds and the Origin of Quasar Emission Lines. Astrophysical Journal, 1995, 455, .	4.5	261
3	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. II.SWIFTANDHSTREVERBERATION MAPPING OF THE ACCRETION DISK OF NGC 5548. Astrophysical Journal, 2015, 806, 129.	4.5	216
4	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. III. OPTICAL CONTINUUM EMISSION AND BROADBAND TIME DELAYS IN NGC 5548. Astrophysical Journal, 2016, 821, 56.	4.5	200
5	An Atlas of Computed Equivalent Widths of Quasar Broad Emission Lines. Astrophysical Journal, Supplement Series, 1997, 108, 401-415.	7.7	187
6	QUASAR OUTFLOW CONTRIBUTION TO AGN FEEDBACK: OBSERVATIONS OF QSO SDSS J0838+2955. Astrophysical Journal, 2009, 706, 525-534.	4.5	185
7	THE QUASAR OUTFLOW CONTRIBUTION TO AGN FEEDBACK: VLT MEASUREMENTS OF SDSS J0318-0600. Astrophysical Journal, 2010, 709, 611-631.	4.5	183
8	What the Optical Recombination Lines Can Tell Us about the Broadâ€Line Regions of Active Galactic Nuclei. Astrophysical Journal, 2004, 606, 749-762.	4.5	168
9	Low-ionization broad absorption lines in quasars. Astrophysical Journal, 1993, 413, 95.	4.5	162
10	Steps toward Determination of the Size and Structure of the Broadâ€Line Region in Active Galactic Nuclei. IX. Ultraviolet Observations of Fairall 9. Astrophysical Journal, Supplement Series, 1997, 110, 9-20.	7.7	158
11	Metallicities and Abundance Ratios from Quasar Broad Emission Lines. Astrophysical Journal, 2002, 564, 592-603.	4.5	146
12	Steps toward Determination of the Size and Structure of the Broadâ€Line Region in Active Galactic Nuclei. XI. Intensive Monitoring of the Ultraviolet Spectrum of NGC 7469. Astrophysical Journal, Supplement Series, 1997, 113, 69-88.	7.7	143
13	Numerical Simulations of Fe ii Emission Spectra. Astrophysical Journal, Supplement Series, 1999, 120, 101-112.	7.7	124
14	Keck HIRES Observations of the QSO FIRST J104459.6+365605: Evidence for a Largeâ€Scale Outflow. Astrophysical Journal, 2001, 548, 609-623.	4.5	122
15	The Origin of FeiiEmission in Active Galactic Nuclei. Astrophysical Journal, 2004, 615, 610-624.	4.5	119
16	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. I. ULTRAVIOLET OBSERVATIONS OF THE SEYFERT 1 GALAXY NGC 5548 WITH THE COSMIC ORIGINS SPECTROGRAPH ONHUBBLE SPACE TELESCOPE. Astrophysical Journal, 2015, 806, 128.	4.5	116
17	Hubble Space TelescopeObservations of the Broad Absorption Line QuasarPG 0946+301. Astrophysical Journal, 1999, 516, 27-46.	4.5	111
18	The Variable Diffuse Continuum Emission of Broadâ€Line Clouds. Astrophysical Journal, 2001, 553, 695-708.	4.5	108

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19	Dynamics of Broad Emissionâ€Line Region in NGC 5548: Hydromagnetic Wind Model versus Observations. Astrophysical Journal, 1997, 479, 200-221.	4.5	106
20	HSTSTIS Observations of PG 0946+301: The Highest Quality UV Spectrum of a BALQSO. Astrophysical Journal, 2001, 561, 118-130.	4.5	102
21	The Nearâ€Infrared Broad Emission Line Region of Active Galactic Nuclei. I. The Observations. Astrophysical Journal, Supplement Series, 2008, 174, 282-312.	7.7	100
22	On the Geometry, Covering Factor, and Scattering-Emission Properties of QSO Broad Absorption-Line Regions. Astrophysical Journal, 1993, 415, 541.	4.5	99
23	Swift Monitoring of NGC 4151: Evidence for a Second X-Ray/UV Reprocessing. Astrophysical Journal, 2017, 840, 41.	4.5	98
24	Iron Emission in z 6 QSO s. Astrophysical Journal, 2003, 587, L67-L70.	4.5	94
25	The broad emission-line region: the confluence of the outer accretion disc with the inner edge of the dusty torus. Monthly Notices of the Royal Astronomical Society, 2012, 426, 3086-3111.	4.4	93
26	Space Telescope and Optical Reverberation Mapping Project. V. Optical Spectroscopic Campaign and Emission-line Analysis for NGC 5548. Astrophysical Journal, 2017, 837, 131.	4.5	93
27	Accretion Disk Reverberation with Hubble Space Telescope Observations of NGC 4593: Evidence for Diffuse Continuum Lags. Astrophysical Journal, 2018, 857, 53.	4.5	92
28	Locally Optimally Emitting Clouds and the Variable Broad Emission Line Spectrum of NGC 5548. Astrophysical Journal, 2000, 536, 284-298.	4.5	91
29	Steps toward Determination of the Size and Structure of the Broadâ€Line Region in Active Galactic Nuclei. XIII. Ultraviolet Observations of the Broadâ€Line Radio Galaxy 3C 390.3. Astrophysical Journal, 1998, 509, 163-176.	4.5	84
30	Locally Optimally Emitting Clouds and the Narrow Emission Lines in Seyfert Galaxies. Astrophysical Journal, 1997, 487, 122-141.	4.5	83
31	High Metal Enrichments in Luminous Quasars. Astrophysical Journal, 1996, 461, 683.	4.5	80
32	Xâ€Ray/Ultraviolet Campaign on the Mrk 279 AGN Outflow: Constraining Inhomogeneous Absorber Models. Astrophysical Journal, 2005, 620, 665-672.	4.5	79
33	Measuring Column Densities in Quasar Outflows: VLT Observations of QSO 2359â"1241. Astrophysical Journal, 2008, 681, 954-964.	4.5	79
34	Dynamics of Warm Absorbing Gas in Seyfert Galaxies: NGC 5548. Astrophysical Journal, 2000, 537, 134-151.	4.5	76
35	Double troughs in broad absorption line quasars and Ly-alpha-N V line-locking. Astrophysical Journal, Supplement Series, 1993, 88, 357.	7.7	72
36	Quasars as Cosmological Probes: The Ionizing Continuum, Gas Metallicity, and theWÎ»â€LRelation. Astrophysical Journal, 1998, 507, 24-30.	4.5	71

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37	Chemical Abundances in an AGN Environment: Xâ€Ray/UV Campaign on the Markarian 279 Outflow. Astrophysical Journal, 2007, 658, 829-839.	4.5	69
38	The near-infrared broad emission line region of active galactic nuclei - II. The 1-Î¼m continuum. Monthly Notices of the Royal Astronomical Society, 2011, 414, 218-240.	4.4	68
39	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT.VI. REVERBERATING DISK MODELS FOR NGC 5548. Astrophysical Journal, 2017, 835, 65.	4.5	68
40	Physical Conditions of the Coronal Line Region in Seyfert Galaxies. Astrophysical Journal, Supplement Series, 1997, 110, 287-297.	7.7	68
41	Do the Broad Emission Line Clouds See the Same Continuum That We See?. Astrophysical Journal, 1997, 487, 555-559.	4.5	64
42	SPACE TELESCOPE AND OPTICAL REVERBERATION MAPPING PROJECT. IV. ANOMALOUS BEHAVIOR OF THE BROAD ULTRAVIOLET EMISSION LINES IN NGC 5548. Astrophysical Journal, 2016, 824, 11.	4.5	63
43	Highâ€Resolution Spectroscopy of Faint Emission Lines in the Orion Nebula. Astrophysical Journal, Supplement Series, 2000, 129, 229-246.	7.7	60
44	On the Column Density of AGN Outflows: The Case of NGC 5548. Astrophysical Journal, 2002, 566, 699-704.	4.5	60
45	Physical Conditions in Quasar Outflows: Very Large Telescope Observations of QSO 2359â€“1241. Astrophysical Journal, 2008, 688, 108-115.	4.5	59
46	The Geometry and Kinematics of the Broad-Line Region in NGC 5548 from [ITAL]HST[/ITAL] and [ITAL]IUE[/ITAL] Observations. Astrophysical Journal, 1995, 453, .	4.5	59
47	DISTANCE TO MULTIPLE KINEMATIC COMPONENTS OF QUASAR OUTFLOWS: VERY LARGE TELESCOPE OBSERVATIONS OF QSO 2359-1241 AND SDSS J0318-0600. Astrophysical Journal, 2010, 713, 25-31.	4.5	58
48	The Variability and Spectrum of NGC 5548 in the Extreme Ultraviolet. Astrophysical Journal, 1997, 479, 222-230.	4.5	57
49	Broad absorption-line time variability in the QSO CSO 203. Astrophysical Journal, 1992, 397, 81.	4.5	52
50	Chemical Abundances in Broad Emission Line Regions: The â€œNitrogenâ€•loudâ€•Quasiâ€Stellar Object Q0353â¯383. Astrophysical Journal, 2003, 583, 649-658.	4.5	52
51	Xâ€Ray/Ultraviolet Observing Campaign of the Markarian 279 Active Galactic Nucleus Outflow: A Globalâ€Fitting Analysis of the Ultraviolet Absorption. Astrophysical Journal, 2005, 623, 85-98.	4.5	51
52	The Effects of Inhomogeneous Absorbers on the Formation of Intrinsic Quasar Absorption Lines. Astrophysical Journal, 2002, 580, 54-62.	4.5	49
53	AGN STORM 2. I. First results: A Change in the Weather of Mrk 817. Astrophysical Journal, 2021, 922, 151.	4.5	49
54	Hubble Space Telescope Faint Object Spectrograph and ground-based observations of the broad absorption line quasar 0226-1024. Astrophysical Journal, 1992, 401, 529.	4.5	47

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55	The Mass of Quasar Broad Emission Line Regions. Astrophysical Journal, 2003, 582, 590-595.	4.5	46
56	Interpreting broad emission-line variations â€“ I. Factors influencing the emission-line response. Monthly Notices of the Royal Astronomical Society, 2014, 444, 43-61.	4.4	45
57	The evolution of the radio emission from Kepler's Supernova remnant. Astrophysical Journal, 1988, 330, 254.	4.5	43
58	Radiative acceleration of gas in quasars. Nature, 1995, 376, 576-578.	27.8	41
59	Constraints on the broad-line region properties and extinction in local Seyferts. Monthly Notices of the Royal Astronomical Society, 2016, 462, 3570-3590.	4.4	40
60	MASS OUTFLOW IN THE SEYFERT 1 GALAXY NGC 5548. Astrophysical Journal, 2009, 698, 281-292.	4.5	38
61	GALACTIC-SCALE ABSORPTION OUTFLOW IN THE LOW-LUMINOSITY QUASAR IRAS F04250â€“5718:HUBBLE SPACE TELESCOPE/COSMIC ORIGINS SPECTROGRAPH OBSERVATIONS. Astrophysical Journal, 2011, 739, 7.	4.5	34
62	SUPPRESSION OF DIELECTRONIC RECOMBINATION DUE TO FINITE DENSITY EFFECTS. Astrophysical Journal, 2013, 768, 82.	4.5	34
63	On the Size of the Fe<scp>ii</scp>â€“emitting Region in the AGN Arakelian 120. Astrophysical Journal, 2008, 673, 69-77.	4.5	34
64	Observational Constraints on the Internal Velocity Field of Quasar Emissionâ€Line Clouds. Astrophysical Journal, 2000, 542, 644-654.	4.5	33
65	Space Telescope and Optical Reverberation Mapping Project. VII. Understanding the Ultraviolet Anomaly in NGC 5548 with X-Ray Spectroscopy. Astrophysical Journal, 2017, 846, 55.	4.5	33
66	A Wind-based Unification Model for NGC 5548: Spectral Holidays, Nondisk Emission, and Implications for Changing-look Quasars. Astrophysical Journal Letters, 2019, 882, L30.	8.3	33
67	Contrasting the Ultraviolet and Xâ€Ray OviColumn Density Inferred for the Outflow in NGC 5548. Astrophysical Journal, 2003, 590, 174-180.	4.5	32
68	The double broad-line emitting regions in NGC 5548 as possible evidence for a supermassive binary. Astrophysical Journal, 1987, 312, L1.	4.5	32
69	A near-infrared relationship for estimating black hole masses in active galactic nuclei. Monthly Notices of the Royal Astronomical Society, 2013, 432, 113-126.	4.4	29
70	The Chemical Enrichment of Gas in Broad Absorption Line QSOs: Rapid Star Formation in the Early History of Galaxies. Astrophysical Journal, 1996, 461, 641.	4.5	29
71	Assessment of the Fluorescence and Auger DataBase Used in Plasma Modeling. Astrophysical Journal, 2003, 592, 636-643.	4.5	28
72	The Disappearing Broad Absorption Lines and Variable Emission Lines in NGC 3516. Astrophysical Journal, 1996, 470, 378.	4.5	27

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73	HeiiReverberation in Active Galactic Nucleus Spectra. Astrophysical Journal, 2002, 581, 932-947.	4.5	27
74	Optical Continuum and Emissionâ€Line Variability of the Seyfert 1 Galaxy Markarian 509. Astrophysical Journal, 1996, 471, 737-747.	4.5	25
75	The Planetary Nebula A39: An Observational Benchmark for Numerical Modeling of Photoionized Plasmas. Astrophysical Journal, 2001, 560, 272-286.	4.5	24
76	Outflow in Overlooked Luminous Quasar: Subaru Observations of AKARI J1757$+$5907. Publication of the Astronomical Society of Japan, 2011, 63, S457-S467.	2.5	23
77	The broad emission-line profiles and profile variability of the Seyfert 1 galaxy Arakelian 120. Astrophysical Journal, Supplement Series, 1992, 79, 285.	7.7	21
78	NEW CONSTRAINTS ON THE QUASAR BROAD EMISSION LINE REGION. Astrophysical Journal, 2012, 754, 18.	4.5	18
79	Broad NE VIII lambda 744 Emission from the Quasar PG 1148+549. Astrophysical Journal, 1995, 454, 688.	4.5	18
80	The near-infrared radiusâ€”luminosity relationship for active galactic nuclei. Monthly Notices of the Royal Astronomical Society: Letters, 2011, 413, L106-L109.	3.3	17
81	Imaging of the Wolf-Rayet galaxy He 2-10. Astronomical Journal, 1993, 105, 1313.	4.7	16
82	On the Scattering Contributions to N V lambda 1240 and C IV lambda 1549 in QSOs. Astrophysical Journal, 1996, 464, 158.	4.5	16
83	The Ultravioletâ€Optical Albedo of Broad Emission Line Clouds. Astrophysical Journal, 1998, 495, 672-679.	4.5	16
84	Suppression of Dielectronic Recombination Due to Finite Density Effects. II. Analytical Refinement and Application to Density-dependent Ionization Balances and AGN Broad-line Emission. Astrophysical Journal, Supplement Series, 2018, 237, 41.	7.7	15
85	Space Telescope and Optical Reverberation Mapping Project. XI. Disk-wind Characteristics and Contributions to the Very Broad Emission Lines of NGC 5548. Astrophysical Journal, 2020, 898, 141.	4.5	13
86	Ultraviolet and optical spectroscopy of NGC 5548 and the nature of the broad-line region. Astrophysical Journal, 1990, 352, 68.	4.5	10
87	Hubble Space TelescopeUltraviolet Spectroscopy of 14 Low-Redshift Quasars. Astronomical Journal, 2007, 133, 479-486.	4.7	6
88	Space Telescope and Optical Reverberation Mapping Project. XIII. An Atlas of UV and X-Ray Spectroscopic Signatures of the Disk Wind in NGC 5548. Astrophysical Journal, 2021, 906, 14.	4.5	5
89	The Paschen Jump as a Diagnostic of the Diffuse Nebular Continuum Emission in Active Galactic Nuclei*. Astrophysical Journal, 2022, 927, 60.	4.5	5
90	VARIABLE INTRINSIC ABSORPTION IN Mrk 279. Astrophysical Journal, 2009, 694, 438-448.	4.5	4

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91	Physical conditions of iron-peak low-ionization lines in the FeLoBAL quasar Q0059-2735. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2725-2738.	4.4	4
92	Iron abundance diagnostics in high-redshift QSOs. Proceedings of the International Astronomical Union, 2004, 2004, 311-312.	0.0	1
93	Near infrared hydrogen emission line ratios as diagnostics of the broad emission line region. Journal of Physics: Conference Series, 2012, 372, 012069.	0.4	1