

Bozena Czerny

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/405998/publications.pdf>

Version: 2024-02-01

198
papers

6,205
citations

76326

40
h-index

82547

72
g-index

199
all docs

199
docs citations

199
times ranked

2811
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling changing-look active galactic nuclei phenomenon in 1D using accretion disk instabilities. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	4
2	The main sequence of quasars: The taming of the extremes. <i>Astronomische Nachrichten</i> , 2022, 343, .	1.2	7
3	Viewing Angle Observations and Effects of Evolution with Redshift, Black Hole Mass, and Eddington Ratio in Quasar-based Cosmology. <i>Astrophysical Journal</i> , 2022, 925, 215.	4.5	8
4	Do reverberation-measured $H\beta$ quasars provide a useful test of cosmology?. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 513, 1985-2005.	4.4	21
5	Cosmology intertwined: A review of the particle physics, astrophysics, and cosmology associated with the cosmological tensions and anomalies. <i>Journal of High Energy Astrophysics</i> , 2022, 34, 49-211.	6.7	350
6	Radiation pressure on dust explaining the low ionized broad emission lines in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2022, 663, A77.	5.1	14
7	Nonthermal Emission from Fall-back Clouds in the Broad-line Region of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2022, 931, 39.	4.5	9
8	Multiwavelength temporal and spectral study of TeV blazar 1ES 1727+502 during 2014–2021. <i>Monthly Notices of the Royal Astronomical Society</i> , 2022, 515, 2633-2645.	4.4	4
9	Standardizing reverberation-measured Mg II time-lag quasars, by using the radius–luminosity relation, and constraining cosmological model parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 4722-4737.	4.4	29
10	Insight-HXMT observations of jet-like corona in a black hole X-ray binary MAXI J1820+070. <i>Nature Communications</i> , 2021, 12, 1025.	12.8	48
11	The Main Sequence View of Quasars Accreting at High Rates: Influence of Star Formation*. <i>Research Notes of the AAS</i> , 2021, 5, 25.	0.7	1
12	Viewing Angle Effects in Quasar Application to Cosmology. <i>Astrophysical Journal</i> , 2021, 909, 58.	4.5	4
13	High Metal Content of Highly Accreting Quasars. <i>Astrophysical Journal</i> , 2021, 910, 115.	4.5	33
14	Time Delay of Mg II Emission Response for the Luminous Quasar HE 0435-4312: toward Application of the High-accretor Radius–Luminosity Relation in Cosmology. <i>Astrophysical Journal</i> , 2021, 912, 10.	4.5	32
15	Ionization Instability Driven Outbursts in SXTs. <i>Astrophysical Journal</i> , 2021, 912, 110.	4.5	4
16	Linear spectropolarimetric analysis of fairall 9 with VLT/FORS2. <i>Monthly Notices of the Royal Astronomical Society</i> , 2021, 508, 79-99.	4.4	5
17	The CaFe Project: Optical Fe II and Near-infrared Ca II Triplet Emission in Active Galaxies. II. The Driver(s) of the Ca II and Fe II and Its Potential Use as a Chemical Clock. <i>Astrophysical Journal</i> , 2021, 918, 29.	4.5	7
18	The Picture of BLR in 2.5D FRADO: Dynamics and Geometry. <i>Astrophysical Journal</i> , 2021, 920, 30.	4.5	17

#	ARTICLE	IF	CITATIONS
19	Possible mechanism for multiple changing-look phenomena in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2020, 641, A167.	5.1	65
20	BLR Size in Realistic FRADO Model: The Role of Shielding Effect. <i>Frontiers in Astronomy and Space Sciences</i> , 2020, 7, .	2.8	10
21	Time-delay Measurement of Mg ii Broad-line Response for the Highly Accreting Quasar HE 0413-4031: Implications for the Mg ii-based Radius-Luminosity Relation. <i>Astrophysical Journal</i> , 2020, 896, 146.	4.5	33
22	Effect of Electromagnetic Interaction on Galactic Center Flare Components. <i>Astrophysical Journal</i> , 2020, 897, 99.	4.5	28
23	Radiation spectra of warm and optically thick coronae in AGNs. <i>Astronomy and Astrophysics</i> , 2020, 634, A85.	5.1	54
24	Quasar Main Sequence in the UV Plane. <i>Astrophysical Journal</i> , 2020, 900, 64.	4.5	10
25	The CaFe Project: Optical Fe ii and Near-infrared Ca ii Triplet Emission in Active Galaxies. I. Photoionization Modeling. <i>Astrophysical Journal</i> , 2020, 902, 76.	4.5	16
26	Scatter Analysis along the Multidimensional Radius-Luminosity Relations for Reverberation-mapped Mg ii Sources. <i>Astrophysical Journal</i> , 2020, 903, 86.	4.5	22
27	Clumpy Wind Accretion in Cygnus X-1. <i>Astrophysical Journal</i> , 2020, 904, 21.	4.5	5
28	Depletion of Bright Red Giants in the Galactic Center during Its Active Phases. <i>Astrophysical Journal</i> , 2020, 903, 140.	4.5	11
29	Broad He I 1.08- μ m absorption from the obscurer in the active galaxy NGC 5548. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 500, 2063-2075.	4.4	8
30	Time Delay Measurement of Mg ii Line in CTS C30.10 with SALT. <i>Astrophysical Journal</i> , 2019, 880, 46.	4.5	39
31	Can Reverberation-measured Quasars Be Used for Cosmology?. <i>Astrophysical Journal</i> , 2019, 883, 170.	4.5	51
32	Spectacularly rapid and regular X-ray eruptions observed from an active galaxy. <i>Nature</i> , 2019, 573, 354-355.	27.8	1
33	Interpretation of Departure from the Broad-line Region Scaling in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2019, 870, 84.	4.5	20
34	Slim Accretion Disks: Theory and Observational Consequences. <i>Universe</i> , 2019, 5, 131.	2.5	19
35	Stellar populations in hosts of giant radio galaxies and their neighbouring galaxies. <i>Astronomy and Astrophysics</i> , 2019, 624, A91.	5.1	9
36	CLOUDY View of the Warm Corona. <i>Astrophysical Journal</i> , 2019, 875, 133.	4.5	26

#	ARTICLE	IF	CITATIONS
37	Strong FeII emission in NLS1s: An unsolved mystery. Proceedings of the International Astronomical Union, 2019, 15, 297-298.	0.0	1
38	What Shapes the Absorption Measure Distribution in AGN Outflows?. Astrophysical Journal, 2019, 881, 78.	4.5	8
39	Quasar main sequence: A line or a plane. Astronomy and Astrophysics, 2019, 632, A41.	5.1	6
40	Constraining the charge of the Galactic centre black hole. Journal of Physics: Conference Series, 2019, 1258, 012031.	0.4	26
41	The Quasar Main Sequence Explained by the Combination of Eddington Ratio, Metallicity, and Orientation. Astrophysical Journal, 2019, 882, 79.	4.5	69
42	Modelling broad emission lines in active galactic nuclei. Open Astronomy, 2019, 28, 200-212.	0.6	16
43	Accretion in Active Galactic Nuclei. , 2019, , .		1
44	FeII emission in NLS1s – originating from denser regions with higher abundances?. Proceedings of the International Astronomical Union, 2019, 15, 77-81.	0.0	1
45	FeII strength in NLS1s – dependence on the viewing angle and FWHM(H β). Proceedings of the International Astronomical Union, 2019, 15, 332-334.	0.0	1
46	The quasar main sequence and its potential for cosmology. Proceedings of the International Astronomical Union, 2019, 15, 66-71.	0.0	0
47	Astronomical Distance Determination in the Space Age. Space Science Reviews, 2018, 214, 1.	8.1	24
48	Intermediate-line Emission in AGNs: The Effect of Prescription of the Gas Density. Astrophysical Journal, 2018, 856, 78.	4.5	17
49	Modeling of the Quasar Main Sequence in the Optical Plane. Astrophysical Journal, 2018, 866, 115.	4.5	64
50	Mg II Line Properties in Lobe-dominated Quasars. Astrophysical Journal, 2018, 861, 54.	4.5	2
51	Properties of active galaxies at the extreme of Eigenvector 1. Astronomy and Astrophysics, 2018, 613, A38.	5.1	11
52	Using vo tools to investigate Quasar Spectra (UNIQS). , 2018, , .		1
53	Astronomical Distance Determination in the Space Age. Space Sciences Series of ISSI, 2018, , 283-351.	0.0	0
54	Modified viscosity in accretion disks. Astronomy and Astrophysics, 2017, 603, A110.	5.1	26

#	ARTICLE	IF	CITATIONS
55	Local Stability and Global Instability in Iron-opaque Disks. <i>Astrophysical Journal</i> , 2017, 845, 20.	4.5	4
56	Unbiased Large Spectroscopic Surveys of Galaxies Selected by SPICA Using Dust Bands. <i>Publications of the Astronomical Society of Australia</i> , 2017, 34, .	3.4	12
57	Failed Radiatively Accelerated Dusty Outflow Model of the Broad Line Region in Active Galactic Nuclei. I. Analytical Solution. <i>Astrophysical Journal</i> , 2017, 846, 154.	4.5	57
58	Self-Consistent Dynamical Model of the Broad Line Region. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	5
59	On the Intermediate Line Region in AGNs. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	4
60	The Physical Driver of the Optical Eigenvector 1 in Quasar Main Sequence. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	9
61	The Relationship between Mg ii Broad Emission and Quasar Inclination Angle. <i>Frontiers in Astronomy and Space Sciences</i> , 2017, 4, .	2.8	2
62	Multiphase environment of compact galactic nuclei: the role of the nuclear star cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 464, 2090-2102.	4.4	11
63	SALT long-slit spectroscopy of quasar HE 0435-4312: fast displacement of the Mg II emission line. <i>Astronomy and Astrophysics</i> , 2017, 601, A32.	5.1	7
64	THE INTERMEDIATE-LINE REGION IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2016, 831, 68.	4.5	31
65	A TEST OF THE FORMATION MECHANISM OF THE BROAD LINE REGION IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2016, 832, 15.	4.5	35
66	THE UNIVERSAL "HEARTBEAT" OSCILLATIONS IN BLACK HOLE SYSTEMS ACROSS THE MASS-SCALE. <i>Astrophysical Journal</i> , 2016, 833, 79.	4.5	22
67	TESTING WIND AS AN EXPLANATION FOR THE SPIN PROBLEM IN THE CONTINUUM-FITTING METHOD. <i>Astrophysical Journal</i> , 2016, 821, 104.	4.5	19
68	Accretion in active galactic nuclei and disk-jet coupling. <i>Astronomische Nachrichten</i> , 2016, 337, 73-81.	1.2	12
69	The LOFT mission concept: a status update. <i>Proceedings of SPIE</i> , 2016, , .	0.8	9
70	The mass of the black hole in RE J1034+396. <i>Astronomy and Astrophysics</i> , 2016, 594, A102.	5.1	26
71	ABSORPTION MEASURE DISTRIBUTION IN Mrk 509. <i>Astrophysical Journal</i> , 2015, 815, 83.	4.5	21
72	Black hole spin dependence of general relativistic multi-transonic accretion close to the horizon. <i>New Astronomy</i> , 2015, 37, 81-104.	1.8	12

#	ARTICLE	IF	CITATIONS
73	The dust origin of the Broad Line Region and the model consequences for AGN unification scheme. <i>Advances in Space Research</i> , 2015, 55, 1806-1815.	2.6	31
74	Warm and optically thick dissipative coronae above accretion disks. <i>Astronomy and Astrophysics</i> , 2015, 580, A77.	5.1	56
75	SALT long-slit spectroscopy of LBQS 2113-4538: variability of the Mg II and Fe II component. <i>Astronomy and Astrophysics</i> , 2014, 562, A34.	5.1	18
76	Quasars as tracers of cosmic flows. <i>Proceedings of the International Astronomical Union</i> , 2014, 11, 344-345.	0.0	0
77	Conditions for thermal instability in the Galactic Centre mini-spiral region. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 4385-4394.	4.4	14
78	Absorption features in the quasar HS 1603+3820 II. Distance to the absorber obtained from photoionisation modelling. <i>New Astronomy</i> , 2014, 28, 70-78.	1.8	11
79	SALT long-slit spectroscopy of CTS C30.10: two-component Mg II line. <i>Astronomy and Astrophysics</i> , 2014, 570, A53.	5.1	15
80	Multiple accretion events as a trigger for Sagittarius A* activity. <i>Astronomy and Astrophysics</i> , 2013, 555, A97.	5.1	13
81	Multiple accretion events as a trigger for Sagittarius A* activity. <i>Proceedings of the International Astronomical Union</i> , 2013, 9, 320-321.	0.0	1
82	Hot-spot model for accretion disc variability as random process. <i>Astronomy and Astrophysics</i> , 2013, 556, A77.	5.1	10
83	Towards equation of state of dark energy from quasar monitoring: Reverberation strategy. <i>Astronomy and Astrophysics</i> , 2013, 556, A97.	5.1	48
84	Stability of black hole accretion disks. <i>EPJ Web of Conferences</i> , 2012, 39, 06004.	0.3	0
85	QUASI-STAR JETS AS UNIDENTIFIED GAMMA-RAY SOURCES. <i>Astrophysical Journal Letters</i> , 2012, 755, L15.	8.3	4
86	QPO in RE J1034+396: model constraints from observed trends. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012055.	0.4	1
87	The hypothesis of the dust origin of the Broad Line Region in Active Galactic Nuclei. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012013.	0.4	4
88	Probing broad-line region of the weak line quasar SDSS J094533.99+100950.1. <i>Journal of Physics: Conference Series</i> , 2012, 372, 012060.	0.4	3
89	Dusty origin of the Broad Line Region in active galaxies. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 21-24.	0.0	0
90	Mini-spiral as source of material for Sgr A* in bright state. <i>Proceedings of the International Astronomical Union</i> , 2012, 8, 199-200.	0.0	1

#	ARTICLE	IF	CITATIONS
91	From Observations to Physical Parameters. <i>Astrophysics and Space Science Library</i> , 2012, , 287-336.	2.7	0
92	Models of Quasars. <i>Astrophysics and Space Science Library</i> , 2012, , 337-437.	2.7	0
93	On the efficiency of the Blandford-Znajek mechanism for low angular momentum relativistic accretion. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, 421, L24-L28.	3.3	5
94	Hysteresis effects and diagnostics of the shock formation in low angular momentum axisymmetric accretion in the Kerr metric. <i>New Astronomy</i> , 2012, 17, 254-271.	1.8	31
95	The origin of the broad line region in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2011, 525, L8.	5.1	185
96	The flare model for X-ray variability of NGC 4258. <i>Astronomy and Astrophysics</i> , 2011, 530, A136.	5.1	5
97	Modelling the time-resolved quasi-periodic oscillations in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 627-633.	4.4	10
98	On different types of instabilities in black hole accretion discs: implications for X-ray binaries and active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2186-2194.	4.4	62
99	Constraints on the black hole spin in the quasar SDSS J094533.99+100950.1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 415, 2942-2952.	4.4	47
100	Observational constraints on the nature of very short gamma-ray bursts. <i>New Astronomy</i> , 2011, 16, 33-45.	1.8	7
101	Probing the accretion disk - jet connection via instabilities in the inner accretion flow. From microquasars to quasars. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 94-95.	0.0	0
102	SDSS J094533.99+100950.1 - the remarkable weak emission line quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, , .	4.4	25
103	The model constraints from the observed trends for the quasi-periodic oscillation in RE J1034+396. <i>Astronomy and Astrophysics</i> , 2010, 524, A26.	5.1	18
104	Modeling the X-ray variability in MCG-6-30-15: the multiple flare model. , 2010, , .		0
105	PRINCIPAL COMPONENT ANALYSIS OF THE SPECTRAL ENERGY DISTRIBUTION AND EMISSION LINE PROPERTIES OF RED 2MASS ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 692, 1180-1189.	4.5	31
106	ACCRETION DISK MODEL OF SHORT-TIMESCALE INTERMITTENT ACTIVITY IN YOUNG RADIO SOURCES. <i>Astrophysical Journal</i> , 2009, 698, 840-851.	4.5	125
107	Exploring Black Hole Accretion in Active Galactic Nuclei with Simbol-X. , 2009, , .		0
108	NLS1 galaxies and estimation of their central black hole masses from the X-ray excess variance method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 394, 2141-2152.	4.4	46

#	ARTICLE	IF	CITATIONS
109	Thermal instability in X-ray photoionized media in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2009, 499, 349-355.	5.1	7
110	The nature of the intranight variability of radio-quiet quasars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1557-1567.	4.4	28
111	Comparison of Very Short Bursts from BATSE, KONUS and SWIFT. <i>AIP Conference Proceedings</i> , 2008, , .	0.4	0
112	Low angular momentum flow model of Sgr A* activity. <i>Journal of Physics: Conference Series</i> , 2008, 131, 012001.	0.4	6
113	Hot-spot model for accretion disc variability as random process. <i>Astronomy and Astrophysics</i> , 2008, 487, 815-830.	5.1	24
114	Comparison Of VSB From BATSE, KONUS And SWIFT. <i>AIP Conference Proceedings</i> , 2007, , .	0.4	2
115	Modeling the UBVRT time delays in Mrk335. <i>Astronomy and Astrophysics</i> , 2007, 464, 167-173.	5.1	7
116	Absorption spectrum of the quasar HS1603+3820. <i>Astronomy and Astrophysics</i> , 2007, 476, 1205-1217.	5.1	3
117	Accretion of low angular momentum material onto black holes: radiation properties of axisymmetric MHD flows. <i>Astronomy and Astrophysics</i> , 2007, 474, 1-13.	5.1	15
118	Modeling time delays in the X-ray spectrum of the Seyfert galaxy MCG-6-30-15. <i>Astronomy and Astrophysics</i> , 2007, 466, 865-873.	5.1	4
119	Response of the warm absorber cloud to a variable nuclear flux in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2007, 467, 971-978.	5.1	5
120	Accreting corona model of the X-ray variability in soft state X-ray binaries and active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2007, 466, 793-803.	5.1	15
121	Iron lines from transient and persisting hot spots on AGN accretion disks. <i>Astronomy and Astrophysics</i> , 2007, 475, 155-168.	5.1	17
122	Accreting corona model of the X-ray variability in soft state GBH and AGN. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 353-354.	0.0	0
123	Radiation spectra from MHD simulations of low angular momentum flows. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 411-412.	0.0	0
124	On the origin of the bimodal duration distribution of gamma-ray bursts and the subset model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 365, 874-884.	4.4	6
125	The pattern of accretion flow on to Sgr A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 219-228.	4.4	39
126	Consistency of the black hole mass determination in AGN from the reverberation and the X-ray excess variance method. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 370, 1534-1540.	4.4	29

#	ARTICLE	IF	CITATIONS
127	Time dependent accretion onto a black hole in a disk plus corona system. <i>Advances in Space Research</i> , 2006, 38, 2903-2905.	2.6	0
128	X-ray variability of active galactic nuclei and the flare model. <i>Advances in Space Research</i> , 2006, 38, 1398-1402.	2.6	0
129	Magnetic flares in Active Galactic Nuclei: modeling the iron $K\alpha$ line. <i>Astronomische Nachrichten</i> , 2006, 327, 977-980.	1.2	4
130	Modeling the warm absorber in active galactic nuclei. <i>Astronomy and Astrophysics</i> , 2006, 452, 1-13.	5.1	41
131	The role of absorption and reflection in the soft X-ray excess of Active Galactic Nuclei. <i>Astronomy and Astrophysics</i> , 2006, 449, 493-508.	5.1	41
132	The structure and X-ray radiation spectra of illuminated accretion disks in AGN. <i>Astronomy and Astrophysics</i> , 2006, 454, 741-752.	5.1	22
133	Study of Very Short Gamma-Ray Bursts: New Results from BATSE and Konus. <i>Astrophysical Journal</i> , 2005, 633, L73-L76.	4.5	28
134	Time-delays between the soft and hard X-ray bands in GRS 1915 + 105. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 356, 205-216.	4.4	35
135	Wavelet analysis of millisecond variability of Cygnus X-1 during its failed state transition. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 361, 645-658.	4.4	12
136	Geometry of the Broad Line Region in AGN. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	2
137	Magnetically Heated Coronae above Accretion Disks. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	1
138	Comparison of the solar corona and the coronae above accretion disks surrounding black holes. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
139	Spherical Accretion in Nearby Weakly Active Galactic Nuclei. <i>AIP Conference Proceedings</i> , 2005, , .	0.4	0
140	Constraints for the accretion disk evaporation rate in AGN from the existence of the Broad Line Region. <i>Astronomy and Astrophysics</i> , 2004, 428, 39-49.	5.1	55
141	Flare-induced fountains and buried flares in AGN. <i>Astronomy and Astrophysics</i> , 2004, 428, 353-363.	5.1	12
142	Extinction due to amorphous carbon grains in red quasars from the Sloan Digital Sky Survey. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 348, L54-L57.	4.4	58
143	Black hole mass estimation from X-ray variability measurements in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 350, L26-L30.	4.4	49
144	Evolution of a neutrino-cooled disc in gamma-ray bursts. <i>Monthly Notices of the Royal Astronomical Society</i> , 2004, 355, 950-958.	4.4	77

#	ARTICLE	IF	CITATIONS
145	Irradiation of accretion discs in active galactic nuclei due to the presence of a warm absorber. Monthly Notices of the Royal Astronomical Society, 2004, 355, 1080-1090.	4.4	19
146	Universal spectral shape of high accretion rate AGN. Nuclear Physics, Section B, Proceedings Supplements, 2004, 132, 201-204.	0.4	2
147	On the Turbulent \dot{M} Disks and the Intermittent Activity in Active Galactic Nuclei. Astrophysical Journal, 2004, 602, 595-602.	4.5	44
148	The Origin of Emission and Absorption Features in Ton S180 Chandra Observations. Astrophysical Journal, 2004, 600, 96-105.	4.5	24
149	The structure and radiation spectra of illuminated accretion disks in AGN. Astronomy and Astrophysics, 2004, 420, 1-16.	5.1	44
150	INTERMITTENCY, ACCRETION DISKS AND AGN EVOLUTION. , 2004, , .		0
151	Variability of accretion flow in the core of the Seyfert galaxy NGC 4151. Monthly Notices of the Royal Astronomical Society, 2003, 342, 1222-1240.	4.4	33
152	Chandra Survey of Radio-quiet, High-redshift Quasars. Astrophysical Journal, 2003, 588, 119-127.	4.5	71
153	Universal spectral shape of high accretion rate AGN. Astronomy and Astrophysics, 2003, 412, 317-329.	5.1	111
154	The role of the central stellar cluster in active galactic nuclei. Astronomy and Astrophysics, 2002, 387, 804-817.	5.1	37
155	Radiation Pressure Instability Driven Variability in the Accreting Black Holes. Astrophysical Journal, 2002, 576, 908-922.	4.5	100
156	Reprocessing of X-rays in AGN. Astronomy and Astrophysics, 2002, 387, 63-75.	5.1	18
157	The structure and radiation spectra of illuminated accretion discs in active galactic nuclei - I. Moderate illumination. Monthly Notices of the Royal Astronomical Society, 2002, 332, 799-813.	4.4	67
158	X-ray energy and power spectra of Seyfert 1 and narrow line Seyfert 1 galaxies: comparison to black hole binaries. Advances in Space Research, 2001, 28, 281-293.	2.6	0
159	Evaporation of accretion disks: mechanism and observational consequences. Advances in Space Research, 2001, 28, 439-443.	2.6	2
160	Black hole masses from power density spectra: determinations and consequences. Monthly Notices of the Royal Astronomical Society, 2001, 325, 865-874.	4.4	68
161	Evolution of active galaxies: black-hole mass-bulge relations for narrow line objects. New Astronomy, 2001, 6, 321-329.	1.8	114
162	The Nature of the Emission Components in the Quasar/NLS1 PG 1211+143. Astrophysical Journal, 2001, 557, 408-420.	4.5	29

#	ARTICLE	IF	CITATIONS
163	What Do the Ultraviolet Spectra of Narrow-Line Seyfert 1 Galaxies Tell Us about Their Broad-Line Regions?. <i>Astrophysical Journal</i> , 2000, 542, 692-702.	4.5	45
164	The role of advection in the accreting corona model for active galactic nuclei and Galactic black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 314, 364-374.	4.4	11
165	Two-phase radiative/conductive equilibrium in active galactic nuclei and galactic black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 316, 473-478.	4.4	51
166	A cloud model of active galactic nuclei: the iron K α line diagnostics. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 547-560.	4.4	28
167	On the effect of coronal outflow on spectra formation in galactic black hole systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2000, 318, 180-186.	4.4	11
168	Properties of the two-temperature corona model for active galactic nuclei and galactic black hole X-ray Binaries. <i>New Astronomy</i> , 2000, 5, 7-24.	1.8	19
169	Disk/corona model: The transition to ADAF. <i>New Astronomy Reviews</i> , 2000, 44, 439-441.	12.8	5
170	The UV spectra of NLS1s – implications for their broad line regions. <i>New Astronomy Reviews</i> , 2000, 44, 573-575.	12.8	2
171	Radiation Pressure Instability as a Variability Mechanism in the Microquasar GRS 1915+105. <i>Astrophysical Journal</i> , 2000, 542, L33-L36.	4.5	56
172	The power density spectrum of NGC 5548 and the nature of its variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 303, 148-156.	4.4	35
173	Vertical structure of accretion discs with hot coronae in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 305, 481-491.	4.4	62
174	A Comment on the Viscous Stability of Relativistic Keplerian Accretion Disks. <i>Astrophysical Journal</i> , 1999, 513, L123-L125.	4.5	1
175	Limit on the distance to gamma-ray bursts from parallax. , 1998, , .		0
176	Models of optical/UV continuum in AGN: constraints from the NGC 5548 monitoring campaign. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 284, 946-956.	4.4	11
177	Testing the X-ray variability of active galactic nuclei with the non-linear prediction method. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 285, 365-373.	4.4	21
178	The role of an extended corona in the formation of emission lines and continuum in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 285, 725-734.	4.4	12
179	Accretion discs with accreting coronae in active galactic nuclei - II. The nuclear wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 286, 848-864.	4.4	52
180	Dust properties in Active Galactic Nuclei. <i>New Astronomy Reviews</i> , , 1996, 40, 127-131.	0.3	0

#	ARTICLE	IF	CITATIONS
181	Evolution of an Accretion Disk in an Active Galactic Nucleus. <i>Astrophysical Journal</i> , 1996, 458, 491.	4.5	82
182	Soft X-Ray Excesses as a Probe of the Conditions at the Innermost Part of Accretion Flow in AGNs. <i>Annals of the New York Academy of Sciences</i> , 1995, 759, 538-541.	3.8	1
183	The iron Formula line from a partially ionized reflecting medium in an active galactic nucleus. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 266, 653-668.	4.4	95
184	Weak soft X-ray excesses need not result from the high-frequency tail of the optical/ultraviolet bump in active galactic nuclei. <i>Astrophysical Journal</i> , 1994, 431, L5.	4.5	21
185	AGN X-ray light curves – shot noise or low-dimensional attractor?. <i>Monthly Notices of the Royal Astronomical Society</i> , 1993, 261, 125-143.	4.4	18
186	Slim accretion disks around black holes. <i>Advances in Space Research</i> , 1988, 8, 171-173.	2.6	1
187	Slim accretion disks. <i>Astrophysical Journal</i> , 1988, 332, 646.	4.5	1,198
188	Fractal X-ray time variability and spectral invariance of the Seyfert galaxy NGC5506. <i>Nature</i> , 1987, 325, 696-698.	27.8	140
189	Persistent emission and bursts from Aquila X-1 observed by Einstein. <i>Astrophysical Journal</i> , 1987, 312, 122.	4.5	49
190	X-ray spectra of PG quasars. II - The X-ray-ultraviolet excess of PG 1211 + 143. <i>Astrophysical Journal</i> , 1987, 314, 699.	4.5	51
191	Constraints on quasar accretion disks from the optical/ultraviolet/soft X-ray big bump. <i>Astrophysical Journal</i> , 1987, 321, 305.	4.5	211
192	Theoretical spectra of nonmagnetized low-mass X-ray binaries. <i>Astrophysical Journal</i> , 1986, 311, 241.	4.5	13
193	Accretion discs with accreting coronae in AGN – I. Solutions in hydrostatic equilibrium. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, , .	4.4	5
194	Outflowing Coronae Above Accretion Discs in AGN and GBH. , 0, , 232-233.		0
195	What Triggers the Activity Cycle in Galactic Nuclei?. , 0, , 304-305.		0
196	AGN Outbursts and Accretion Discs. , 0, , 315-316.		0
197	Accretion onto a Supermassive Black Hole in Sgr A*. , 0, , 213-214.		0
198	High-frequency X-ray variability as a mass estimator of stellar and supermassive black holes. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 383, 741-749.	4.4	47