

Daniel Proga

List of Publications by Year in descending order

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129
papers

6,404
citations

66315

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129
times ranked

3368
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#	ARTICLE	IF	CITATIONS
1	A Spectroscopic Angle on Central Engine Size Scales in Accreting Neutron Stars. <i>Astrophysical Journal</i> , 2022, 925, 113.	1.6	1
2	Dynamical Thermal Instability in Highly Supersonic Outflows. <i>Astrophysical Journal</i> , 2022, 931, 134.	1.6	10
3	Ionized outflows from active galactic nuclei as the essential elements of feedback. <i>Nature Astronomy</i> , 2021, 5, 13-24.	4.2	88
4	Space Telescope and Optical Reverberation Mapping Project. IX. Velocityâ€“Delay Maps for Broad Emission Lines in NGC 5548. <i>Astrophysical Journal</i> , 2021, 907, 76.	1.6	36
5	Multiphase AGN Winds from X-Ray-irradiated Disk Atmospheres. <i>Astrophysical Journal</i> , 2021, 914, 62.	1.6	22
6	On Synthetic Absorption Line Profiles of Thermally Driven Winds from Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2021, 914, 114.	1.6	6
7	AGN STORM 2. I. First results: A Change in the Weather of Mrk 817. <i>Astrophysical Journal</i> , 2021, 922, 151.	1.6	49
8	Clumpy AGN Outflows due to Thermal Instability. <i>Astrophysical Journal Letters</i> , 2020, 893, L34.	3.0	23
9	Effects of opacity temperature dependence on radiatively accelerated clouds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 493, 437-445.	1.6	4
10	Outflows from inflows: the nature of Bondi-like accretion. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2020, 491, L76-L80.	1.2	11
11	Swift Spectroscopy of the Accretion Disk Wind in the Black Hole GRO J1655â€“40. <i>Astrophysical Journal</i> , 2020, 893, 155.	1.6	3
12	Space Telescope and Optical Reverberation Mapping Project. XI. Disk-wind Characteristics and Contributions to the Very Broad Emission Lines of NGC 5548. <i>Astrophysical Journal</i> , 2020, 898, 141.	1.6	13
13	A Hard Look at Local, Optically Selected, Obscured Seyfert Galaxies*. <i>Astrophysical Journal</i> , 2020, 901, 161.	1.6	15
14	Space Telescope and Optical Reverberation Mapping Project. XII. Broad-line Region Modeling of NGC 5548. <i>Astrophysical Journal</i> , 2020, 902, 74.	1.6	22
15	An Obscured, Seyfert 2â€“like State of the Stellar-mass Black Hole GRS 1915+105 Caused by Failed Disk Winds. <i>Astrophysical Journal</i> , 2020, 904, 30.	1.6	29
16	A Redshifted Inner Disk Atmosphere and Transient Absorbers in the Ultracompact Neutron Star X-Ray Binary 4U 1916â€“053. <i>Astrophysical Journal Letters</i> , 2020, 899, L16.	3.0	7
17	On the Wind-driven Relaxation Cycle in Accretion Disks. <i>Astrophysical Journal</i> , 2020, 890, 54.	1.6	4
18	A global view of the inner accretion and ejection flow around super massive black holes. <i>Astronomy and Astrophysics</i> , 2019, 630, A94.	2.1	91

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19	Photoionization Calculations of the Radiation Force Due To Spectral Lines in AGNs. <i>Astrophysical Journal</i> , 2019, 882, 99.	1.6	23
20	A Hard Look at NGC 5347: Revealing a Nearby Compton-thick AGN. <i>Astrophysical Journal</i> , 2019, 877, 102.	1.6	13
21	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.	1.6	34
22	Cloud Coalescence: A Dynamical Instability Affecting Multiphase Environments. <i>Astrophysical Journal Letters</i> , 2019, 876, L3.	3.0	17
23	Non-isobaric Thermal Instability. <i>Astrophysical Journal</i> , 2019, 875, 158.	1.6	38
24	A Comprehensive Chandra Study of the Disk Wind in the Black Hole Candidate 4U 1630-472. <i>Astrophysical Journal</i> , 2019, 886, 104.	1.6	18
25	The role of failed accretion disk winds in active galactic nuclei. <i>Proceedings of the International Astronomical Union</i> , 2019, 15, 82-86.	0.0	3
26	Time-dependent radiation-driven winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 5263-5269.	1.6	10
27	Effects of radiation field geometry on line driven disc winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 481, 2745-2753.	1.6	5
28	Non-axisymmetric line-driven disc winds II - full velocity gradient. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 5006-5016.	1.6	15
29	Non-axisymmetric line-driven disc winds – I. Disc perturbations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 3786-3796.	1.6	14
30	Thermal Disk Winds in X-Ray Binaries: Realistic Heating and Cooling Rates Give Rise to Slow, but Massive, Outflows. <i>Astrophysical Journal</i> , 2017, 836, 42.	1.6	29
31	Direct probe of the inner accretion flow around the supermassive black hole in NGC 2617. <i>Astronomy and Astrophysics</i> , 2017, 597, A66.	2.1	13
32	Irradiation of astrophysical objects – SED and flux effects on thermally driven winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 4161-4173.	1.6	33
33	REVERBERATION MAPPING OF THE BROAD LINE REGION: APPLICATION TO A HYDRODYNAMICAL LINE-DRIVEN DISK WIND SOLUTION. <i>Astrophysical Journal</i> , 2016, 827, 53.	1.6	25
34	THE ACCRETION DISK WIND IN THE BLACK HOLE GRS 1915+105. <i>Astrophysical Journal Letters</i> , 2016, 821, L9.	3.0	52
35	DISK – WIND CONNECTION DURING THE HEARTBEATS OF GRS 1915+105. <i>Astrophysical Journal</i> , 2016, 833, 165.	1.6	24
36	PARSEC-SCALE ACCRETION AND WINDS IRRADIATED BY A QUASAR. <i>Astrophysical Journal</i> , 2016, 819, 115.	1.6	32

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37	On the efficient acceleration of clouds in active galactic nuclei. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2016, 460, L79-L83.	1.2	21
38	POWERFUL, ROTATING DISK WINDS FROM STELLAR-MASS BLACK HOLES. <i>Astrophysical Journal</i> , 2015, 814, 87.	1.6	70
39	CLOUD FORMATION AND ACCELERATION IN A RADIATIVE ENVIRONMENT. <i>Astrophysical Journal</i> , 2015, 804, 137.	1.6	35
40	CORONAE AND WINDS FROM IRRADIATED DISKS IN X-RAY BINARIES. <i>Astrophysical Journal</i> , 2015, 807, 107.	1.6	47
41	LINE-DRIVEN DISK WINDS IN ACTIVE GALACTIC NUCLEI: THE CRITICAL IMPORTANCE OF IONIZATION AND RADIATIVE TRANSFER. <i>Astrophysical Journal</i> , 2014, 789, 19.	1.6	101
42	THE EFFECTS OF IRRADIATION ON CLOUD EVOLUTION IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2014, 780, 51.	1.6	27
43	<i>CHANDRA</i> SPECTROSCOPY OF MAXI J1305â€“704: DETECTION OF AN INFALLING BLACK HOLE DISK WIND?. <i>Astrophysical Journal</i> , 2014, 788, 53.	1.6	20
44	ON THE VIRIALIZATION OF DISK WINDS: IMPLICATIONS FOR THE BLACK HOLE MASS ESTIMATES IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2013, 778, 50.	1.6	20
45	THERMAL AND DYNAMICAL PROPERTIES OF GAS ACCRETING ONTO A SUPERMASSIVE BLACK HOLE IN AN ACTIVE GALACTIC NUCLEUS. <i>Astrophysical Journal</i> , 2013, 767, 156.	1.6	29
46	REGULATION OF BLACK HOLE WINDS AND JETS ACROSS THE MASS SCALE. <i>Astrophysical Journal</i> , 2013, 762, 103.	1.6	64
47	ON THE DIVERSITY AND COMPLEXITY OF ABSORPTION LINE PROFILES PRODUCED BY OUTFLOWS IN ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2012, 758, 70.	1.6	33
48	Synthetic X-ray spectra for simulations of the dynamics of an accretion flow irradiated by a quasar. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2859-2869.	1.6	20
49	Parker winds revisited: an extension to disc winds. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 2239-2265.	1.6	21
50	Models of Quasars. <i>Astrophysics and Space Science Library</i> , 2012, , 337-437.	1.0	0
51	Quasars in the Cosmic Environment. <i>Astrophysics and Space Science Library</i> , 2012, , 439-520.	1.0	0
52	Multiphase, non-spherical gas accretion on to a black hole. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 728-746.	1.6	49
53	Variable X-ray absorption in the mini-BAL QSO PGâˆ“1126-041. <i>Astronomy and Astrophysics</i> , 2011, 536, A49.	2.1	44
54	The black holes of radio galaxies during the â€œQuasar Eraâ€: masses, accretion rates, and evolutionary stage. <i>Astronomy and Astrophysics</i> , 2011, 525, A43.	2.1	34

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55	Smoothed particle hydrodynamics simulations of black hole accretion: a step to model black hole feedback in galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 591-611.	1.6	30
56	C IV EMISSION AND THE ULTRAVIOLET THROUGH X-RAY SPECTRAL ENERGY DISTRIBUTION OF RADIO-QUIET QUASARS. <i>Astronomical Journal</i> , 2011, 142, 130.	1.9	33
57	ON THE PROPERTIES OF THERMAL DISK WINDS IN X-RAY TRANSIENT SOURCES: A CASE STUDY OF GRO J1655-40. <i>Astrophysical Journal</i> , 2010, 719, 515-522.	1.6	63
58	MOMENTUM DRIVING: WHICH PHYSICAL PROCESSES DOMINATE ACTIVE GALACTIC NUCLEUS FEEDBACK?. <i>Astrophysical Journal</i> , 2010, 722, 642-652.	1.6	227
59	FEEDBACK FROM CENTRAL BLACK HOLES IN ELLIPTICAL GALAXIES. III. MODELS WITH BOTH RADIATIVE AND MECHANICAL FEEDBACK. <i>Astrophysical Journal</i> , 2010, 717, 708-723.	1.6	212
60	PHOTOIONIZED FEATURES IN THE X-RAY SPECTRUM OF EX HYDRAE. <i>Astrophysical Journal</i> , 2010, 711, 1333-1337.	1.6	11
61	Multidimensional modelling of X-ray spectra for AGN accretion disc outflows - III. Application to a hydrodynamical simulation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 408, 1396-1408.	1.6	107
62	FEEDBACK FROM CENTRAL BLACK HOLES IN ELLIPTICAL GALAXIES. I. MODELS WITH EITHER RADIATIVE OR MECHANICAL FEEDBACK BUT NOT BOTH. <i>Astrophysical Journal</i> , 2009, 699, 89-104.	1.6	127
63	DISCERNING THE PHYSICAL ORIGINS OF COSMOLOGICAL GAMMA-RAY BURSTS BASED ON MULTIPLE OBSERVATIONAL CRITERIA: THE CASES OF $z=6.7$ GRB 080913, $z=8.2$ GRB 090423, AND SOME SHORT/HARD GRBs. <i>Astrophysical Journal</i> , 2009, 703, 1696-1724.	1.6	307
64	THREE-DIMENSIONAL SIMULATIONS OF DYNAMICS OF ACCRETION FLOWS IRRADIATED BY A QUASAR. <i>Astrophysical Journal</i> , 2009, 693, 1929-1945.	1.6	53
65	ANISOTROPIC WINDS FROM CLOSE-IN EXTRASOLAR PLANETS. <i>Astrophysical Journal</i> , 2009, 694, 205-213.	1.6	73
66	ON THE FEEDBACK EFFICIENCY OF ACTIVE GALACTIC NUCLEI. <i>Astrophysical Journal</i> , 2009, 707, 823-832.	1.6	39
67	TIME EVOLUTION OF THE THREE-DIMENSIONAL ACCRETION FLOWS: EFFECTS OF THE ADIABATIC INDEX AND OUTER BOUNDARY CONDITION. <i>Astrophysical Journal</i> , 2009, 705, 1503-1521.	1.6	20
68	THE IMPACT OF ACCRETION DISK WINDS ON THE X-RAY SPECTRA OF ACTIVE GALACTIC NUCLEI. II. XSCORT + HYDRODYNAMIC SIMULATIONS. <i>Astrophysical Journal</i> , 2009, 694, 1-11.	1.6	61
69	On the large-scale outflows in active galactic nuclei: consequences of coupling the mass supply rate and accretion luminosity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 1791-1803.	1.6	60
70	Magnetized accretion flows: effects of gas pressure. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 2087-2098.	1.6	10
71	Quiet is the new loud. <i>Nature</i> , 2009, 458, 414-415.	13.7	2
72	Large-Scale Outflows from AGN: A Link Between Central Black Holes and Galaxies. <i>Proceedings of the International Astronomical Union</i> , 2009, 5, 354-361.	0.0	0

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73	Radiation-Driven Outflows in Active Galactic Nuclei. , 2009, , .		0
74	Time Variability of Accretion Flows: Effects of the Adiabatic Index and Gas Temperature. <i>Astrophysical Journal</i> , 2008, 679, 626-638.	1.6	13
75	On the Duration of Long GRBs: Effects of Black Hole Spin. <i>Astrophysical Journal</i> , 2008, 687, 433-442.	1.6	19
76	Low Angular Momentum Accretion in the Collapsar: How Long Can a Long GRB Be?. <i>Astrophysical Journal</i> , 2008, 675, 519-527.	1.6	32
77	An Axisymmetric, Hydrodynamical Model for the Torus Wind in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2008, 675, L5-L8.	1.6	30
78	Dynamics of Rotating Accretion Flows Irradiated by a Quasar. <i>Astrophysical Journal</i> , 2008, 676, 101-112.	1.6	62
79	Nonaxisymmetric Effects in Black Hole Accretion Inviscid Hydrodynamics: Formation and Evolution of a Tilted Torus. <i>Astrophysical Journal</i> , 2008, 681, 58-72.	1.6	17
80	An Axisymmetric, Hydrodynamical Model for the Torus Wind in Active Galactic Nuclei. II. X-ray "Excited Funnel Flow. <i>Astrophysical Journal</i> , 2008, 687, 97-110.	1.6	36
81	Three-dimensional Simulations of Inflows Irradiated by a Precessing Accretion Disk in Active Galactic Nuclei: Formation of Outflows. <i>Astrophysical Journal</i> , 2008, 674, 97-110.	1.6	26
82	Magnetohydrodynamic simulations of the collapsar model for early and late evolution of gamma-ray bursts. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2007, 365, 1207-1212.	1.6	0
83	Hubble Space Telescope Ultraviolet Spectroscopy of 14 Low-Redshift Quasars. <i>Astronomical Journal</i> , 2007, 133, 479-486.	1.9	6
84	Chemical Abundances in an AGN Environment: X-ray/UV Campaign on the Markarian 279 Outflow. <i>Astrophysical Journal</i> , 2007, 658, 829-839.	1.6	69
85	XMM-Newton and Chandra Spectroscopy of the Variable High-Energy Absorption of PG 1115+080: Refined Outflow Constraints. <i>Astronomical Journal</i> , 2007, 133, 1849-1860.	1.9	48
86	Accretion of low angular momentum material onto black holes: radiation properties of axisymmetric MHD flows. <i>Astronomy and Astrophysics</i> , 2007, 474, 1-13.	2.1	15
87	X-ray/ultraviolet observing campaign of the Markarian 279 active galactic nucleus outflow: a close look at the absorbing/emitting gas with Chandra-LETGS. <i>Astronomy and Astrophysics</i> , 2007, 461, 121-134.	2.1	75
88	Dynamics of Accretion Flows Irradiated by a Quasar. <i>Astrophysical Journal</i> , 2007, 661, 693-702.	1.6	110
89	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
90	Dynamics of radiatively inefficient flows accreting onto radiatively efficient black hole objects. <i>Proceedings of the International Astronomical Union</i> , 2006, 2, 165-169.	0.0	0

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91	The late time evolution of gamma-ray bursts: ending hyperaccretion and producing flares. Monthly Notices of the Royal Astronomical Society: Letters, 2006, 370, L61-L65.	1.2	152
92	Magnetic accretion. Nature, 2006, 441, 938-938.	13.7	1
93	How Much X-Ray and UV Radiation Processes Are Coupled in Accretion Disks? The Active Galactic Nucleus Case. Astrophysical Journal, 2005, 630, L9-L12.	1.6	52
94	X-ray/Ultraviolet Campaign on the Mrk 279 AGN Outflow: Constraining Inhomogeneous Absorber Models. Astrophysical Journal, 2005, 620, 665-672.	1.6	79
95	X-ray/Ultraviolet Observing Campaign of the Markarian 279 Active Galactic Nucleus Outflow: A Global Fitting Analysis of the Ultraviolet Absorption. Astrophysical Journal, 2005, 623, 85-98.	1.6	51
96	On Magnetohydrodynamic Jet Production in the Collapsing and Rotating Envelope. Astrophysical Journal, 2005, 629, 397-402.	1.6	29
97	Linearly Polarized X-Ray Flares following Short Gamma-Ray Bursts. Astrophysical Journal, 2005, 635, L129-L132.	1.6	77
98	Dynamics of Line-driven Disk Winds in Active Galactic Nuclei. II. Effects of Disk Radiation. Astrophysical Journal, 2004, 616, 688-695.	1.6	413
99	X-ray/UV campaign on the Mrk 279 outflow: Density diagnostics in Active Galactic Nuclei using O K-shell absorption lines. Astronomy and Astrophysics, 2004, 428, 57-66.	2.1	41
100	On Resonance-Line Profiles Predicted by Radiation-driven Disk-Wind Models. Astrophysical Journal, 2003, 592, L9-L12.	1.6	28
101	Accretion of Low Angular Momentum Material onto Black Holes: Two-dimensional Magnetohydrodynamic Case. Astrophysical Journal, 2003, 592, 767-781.	1.6	142
102	Axisymmetric Magnetohydrodynamic Simulations of the Collapsar Model for Gamma-Ray Bursts. Astrophysical Journal, 2003, 599, L5-L8.	1.6	127
103	Numerical Simulations of Mass Outflows Driven from Accretion Disks by Radiation and Magnetic Forces. Astrophysical Journal, 2003, 585, 406-417.	1.6	143
104	Accretion of Low Angular Momentum Material onto Black Holes: Two-dimensional Hydrodynamical Inviscid Case. Astrophysical Journal, 2003, 582, 69-81.	1.6	106
105	Resonance Line Profile Calculations Based on Hydrodynamical Models of Cataclysmic Variable Winds. Astrophysical Journal, 2002, 572, 382-391.	1.6	25
106	On the Role of the Ultraviolet and X-ray Radiation in Driving a Disk Wind in X-ray Binaries. Astrophysical Journal, 2002, 565, 455-470.	1.6	113
107	Testing the line-driven disc wind model: time-resolved ultraviolet spectroscopy of IX Vel and V3885 Sgr. Monthly Notices of the Royal Astronomical Society, 2002, 332, 127-143.	1.6	37
108	Line-driven disk winds in active galactic nuclei. Advances in Space Research, 2001, 28, 459-461.	1.2	2

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109	The Continuing Slow Decline of AG Pegasi. <i>Astronomical Journal</i> , 2001, 122, 349-359.	1.9	16
110	FUSE Observations of U Geminorum during Outburst and Decline. <i>Astrophysical Journal</i> , 2001, 562, 963-984.	1.6	30
111	Dynamics of Line-driven Disk Winds in Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2000, 543, 686-696.	1.6	685
112	Radiation-driven accretion disk winds. <i>New Astronomy Reviews</i> , 2000, 44, 21-26.	5.2	32
113	Winds from Accretion Disks Driven by Radiation and Magnetocentrifugal Force. <i>Astrophysical Journal</i> , 2000, 538, 684-690.	1.6	68
114	Radiation-Driven Disk Winds. <i>International Astronomical Union Colloquium</i> , 1999, 169, 140-143.	0.1	0
115	Comparison of theoretical radiation-driven winds from stars and discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 304, 938-946.	1.6	27
116	Line-driven disc wind models with an improved line force. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 476-482.	1.6	57
117	Radiation-driven disk winds. , 1999, , 140-143.		0
118	The evolved B[e] star HD 87643: observations and a radiation-driven disc wind model for B[e] stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 300, 170-182.	1.6	48
119	Radiation-driven winds from luminous accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 295, 595-617.	1.6	168
120	Illumination in Symbiotic Binary Stars: Non-LTE Photoionization Models. II. Wind Case. <i>Astrophysical Journal</i> , 1998, 501, 339-356.	1.6	15
121	A radiation-driven disc wind model for massive young stellar objects. <i>Monthly Notices of the Royal Astronomical Society</i> , 1998, 296, L6-L10.	1.6	44
122	Helium absorption and emission towards $\hat{A}1$ Ori C. <i>Monthly Notices of the Royal Astronomical Society</i> , 1997, 291, 110-120.	1.6	11
123	Radiation driven winds from CV accretion disks. <i>International Astronomical Union Colloquium</i> , 1997, 163, 782-782.	0.1	2
124	The Hot Component of RS Ophiuchi. <i>Astronomical Journal</i> , 1996, 111, 2090.	1.9	29
125	Illumination in Symbiotic Binary Stars: Non-LTE Photoionization Models. I. Hydrostatic Case. <i>Astrophysical Journal</i> , 1996, 471, 930-948.	1.6	24
126	He I emission lines in symbiotic stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 1994, 268, 213-228.	1.6	33

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127	Time Variability of Low Angular Momentum Flows Accreting onto Black Holes: A Natural Mechanism for Radiation Flaring. , 0, , 284-289.		2
128	Synthetic absorption lines for a clumpy medium: a spectral signature for cloud acceleration in AGN?. Monthly Notices of the Royal Astronomical Society, 0, , stx238.	1.6	16
129	Magnetothermal disc winds in X-ray binaries: poloidal magnetic fields suppress thermal winds. Monthly Notices of the Royal Astronomical Society, 0, , .	1.6	19