Noam Soker

List of Publications by Year
in descending order

357	9,536	47006 47	85541 71
papers	citations	h-index	g-index

357	357	357	3236
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The common envelope phase in the evolution of binary stars. Astrophysical Journal, 1988, 329, 764.	4.5	265
2	A circumbinary disc in the final stages of common envelope and the core-degenerate scenario for Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2011, 417, 1466-1479.	4.4	211
3	On the Nature of Feedback Heating in Cooling Flow Clusters. Astrophysical Journal, 2005, 632, 821-830.	4.5	174
4	Disks and jets in planetary nebulae. Astrophysical Journal, 1994, 421, 219.	4.5	167
5	Properties that Cannot Be Explained by the Progenitors of Planetary Nebulae. Astrophysical Journal, Supplement Series, 1997, 112, 487-505.	7.7	166
6	Can Planets Influence the Horizontal Branch Morphology?. Astronomical Journal, 1998, 116, 1308-1313.	4.7	166
7	Asymmetric envelope expansion of supernova 1987A. Astrophysical Journal, 1989, 341, 867.	4.5	153
8	The Formation of Very Narrow Waist Bipolar Planetary Nebulae. Astrophysical Journal, 2000, 538, 241-259.	4.5	147
9	Main-Sequence Stellar Eruption Model for V838 Monocerotis. Astrophysical Journal, 2003, 582, L105-L108.	4.5	137
10	Theory of local thermal instability in spherical systems. Astrophysical Journal, 1989, 341, 611.	4.5	121
11	The jet feedback mechanism (JFM) in stars, galaxies and clusters. New Astronomy Reviews, 2016, 75, 1-23.	12.8	120
12	Type Ia supernovae from very long delayed explosion of core-white dwarf merger. Monthly Notices of the Royal Astronomical Society, 2012, 419, 1695-1700.	4.4	101
13	Star-planet systems as possible progenitors of cataclysmic binaries. Monthly Notices of the Royal Astronomical Society, 1984, 208, 763-781.	4.4	100
14	Binary Progenitor Models for Bipolar Planetary Nebulae. Astrophysical Journal, 1998, 496, 833-841.	4.5	97
15	Discovery of Extended X-Ray Emission from the Planetary Nebula NGC 7027 by the [ITAL]Chandra X-Ray Observatory[/ITAL]. Astrophysical Journal, 2001, 550, L189-L192.	4.5	80
16	Interacting winds and the shaping of planetary nebulae. Astrophysical Journal, 1989, 339, 268.	4.5	78
17	What Planetary Nebulae Can Tell Us about Planetary Systems. Astrophysical Journal, 1996, 460, .	4.5	76
18	[ITAL]Chandra[/ITAL] X-Ray Observatory Detection of Extended X-Ray Emission from the Planetary Nebula BD +30Â°3639. Astrophysical Journal, 2000, 545, L57-L59.	4.5	74

#	Article	IF	Citations
19	Explaining the Type Ia supernova PTF 11kx with a violent prompt merger scenario. Monthly Notices of the Royal Astronomical Society, 2013, 431, 1541-1546.	4.4	74
20	PERIASTRON PASSAGE TRIGGERING OF THE 19TH CENTURY ERUPTIONS OF ETA CARINAE. Astrophysical Journal, 2010, 723, 602-611.	4.5	73
21	The role of magnetic fields in cluster cooling flows. Astrophysical Journal, 1990, 348, 73.	4.5	73
22	Why Magnetic Fields Cannot Be the Main Agent Shaping Planetary Nebulae. Publications of the Astronomical Society of the Pacific, 2006, 118, 260-269.	3.1	71
23	CLOSE STELLAR BINARY SYSTEMS BY GRAZING ENVELOPE EVOLUTION. Astrophysical Journal, 2015, 800, 114.	4.5	69
24	EXPLAINING THE MOST ENERGETIC SUPERNOVAE WITH AN INEFFICIENT JET-FEEDBACK MECHANISM. Astrophysical Journal, 2016, 826, 178.	4.5	67
25	Solving the angular momentum problem in the cold feedback mechanism of cooling flows. Monthly Notices of the Royal Astronomical Society, 2010, 408, 961-974.	4.4	66
26	Exploding core collapse supernovae with jittering jets. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1697-1702.	4.4	65
27	A Moderate Cluster Cooling Flow Model. Astrophysical Journal, 2001, 549, 832-839.	4.5	63
28	Diversity of common envelope jets supernovae and the fast transient AT2018cow. Monthly Notices of the Royal Astronomical Society, 2019, 484, 4972-4979.	4.4	63
29	Energy and angular momentum deposition during common envelope evolution. New Astronomy, 2004, 9, 399-408.	1.8	62
30	A Solarâ€like Cycle in Asymptotic Giant Branch Stars. Astrophysical Journal, 2000, 540, 436-441.	4.5	61
31	First- versus second-generation planet formation in post-common envelope binary (PCEB) planetary systems. Monthly Notices of the Royal Astronomical Society, 2014, 444, 1698-1704.	4.4	60
32	EXPLAINING THE SUPERNOVA IMPOSTOR SN 2009ip AS MERGERBURST. Astrophysical Journal Letters, 2013, 764, L6.	8.3	59
33	Explaining iPTF14hls as a common-envelope jets supernova. Monthly Notices of the Royal Astronomical Society, 2018, 475, 1198-1202.	4.4	59
34	Heating the intracluster medium by jet-inflated bubbles. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2139-2148.	4.4	57
35	Jet formation in the transition from the asymptotic giant branch to planetary nebulae. Astrophysical Journal, 1992, 389, 628.	4.5	57
36	The Role of Planets in Shaping Planetary Nebulae. Publications of the Astronomical Society of the Pacific, 2011, 123, 402-411.	3.1	56

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37	The fraction of type Ia supernovae exploding inside planetary nebulae (SNIPs). Monthly Notices of the Royal Astronomical Society, 2015, 447, 2568-2574.	4.4	56
38	Companion-launched jets and their effect on the dynamics of common envelope interaction simulations. Monthly Notices of the Royal Astronomical Society, 2019, 488, 5615-5632.	4.4	56
39	A Compact X-Ray Source and Possible X-Ray Jets within the Planetary Nebula Menzel 3. Astrophysical Journal, 2003, 591, L37-L40.	4.5	55
40	FORMATION OF BIPOLAR PLANETARY NEBULAE BY INTERMEDIATE-LUMINOSITY OPTICAL TRANSIENTS. Astrophysical Journal, 2012, 746, 100.	4.5	54
41	Supernovae Ia in 2019 (review): A rising demand for spherical explosions. New Astronomy Reviews, 2019, 87, 101535.	12.8	52
42	Inflating Fat Bubbles in Clusters of Galaxies by Wide Jets. Astrophysical Journal, 2007, 656, L5-L8.	4.5	51
43	Triggering jet-driven explosions of core-collapse supernovae by accretion from convective regions. Monthly Notices of the Royal Astronomical Society, 2014, 439, 4011-4017.	4.4	51
44	On the formation of ansae in planetary nebulae. Astronomical Journal, 1990, 99, 1869.	4.7	51
45	Magnetar-powered Superluminous Supernovae Must First Be Exploded by Jets. Astrophysical Journal, 2017, 851, 95.	4.5	50
46	Interaction of planetary nebulae with the interstellar medium. Astrophysical Journal, 1990, 360, 173.	4.5	50
47	Transient outburst events from tidally disrupted asteroids near white dwarfs. New Astronomy, 2013, 19, 56-61.	1.8	49
48	Evaporation of Jupiter-like planets orbiting extreme horizontal branch stars. Monthly Notices of the Royal Astronomical Society, 2011, 414, 1788-1792.	4.4	48
49	Mergerburst transients of brown dwarfs with exoplanets. Monthly Notices of the Royal Astronomical Society, 2011, 416, 1965-1970.	4.4	48
50	THE CHANDRA PLANETARY NEBULA SURVEY (ChanPlaNS). III. X-RAY EMISSION FROM THE CENTRAL STARS OF PLANETARY NEBULAE. Astrophysical Journal, 2015, 800, 8.	4.5	48
51	Possible implications of mass accretion in Eta Carinae. New Astronomy, 2009, 14, 11-24.	1.8	47
52	The number of progenitors in the core-degenerate scenario for Type Ia supernovae. Monthly Notices of the Royal Astronomical Society, 2013, 428, 579-586.	4.4	47
53	Wave-driven stellar expansion and binary interaction in pre-supernova outbursts. Monthly Notices of the Royal Astronomical Society, 2014, 445, 2492-2499.	4.4	47
54	Can a single AGB star form an axially symmetric planetary nebula?. Publications of the Astronomical Society of the Pacific, 1992, 104, 923.	3.1	47

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55	Collimated Fast Winds in Wide Binary Progenitors of Planetary Nebulae. Astrophysical Journal, 2001, 558, 157-164.	4.5	47
56	NGC 300 OT2008-1 AS A SCALED-DOWN VERSION OF THE ETA CARINAE GREAT ERUPTION. Astrophysical Journal Letters, 2010, 709, L11-L15.	8.3	46
57	A TIDALLY DESTRUCTED MASSIVE PLANET AS THE PROGENITOR OF THE TWO LIGHT PLANETS AROUND THE sdB STAR KIC 05807616. Astrophysical Journal Letters, 2012, 749, L14.	8.3	46
58	The limited role of recombination energy in common envelope removal. Monthly Notices of the Royal Astronomical Society, 2018, 478, 1818-1824.	4.4	46
59	Connecting planets around horizontal branch stars with known exoplanets. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1792-1802.	4.4	45
60	Type Ia supernovae inside planetary nebulae: shaping by jets. Monthly Notices of the Royal Astronomical Society, 2013, 435, 320-328.	4.4	45
61	Ejecting the envelope of red supergiant stars with jets launched by an inspiralling neutron star. Monthly Notices of the Royal Astronomical Society, 2015, 449, 288-295.	4.4	44
62	Formation of Bipolar Lobes by Jets. Astrophysical Journal, 2002, 568, 726-732.	4.5	43
63	A New Look at the Evolution of Wolfâ€Rayet Central Stars of Planetary Nebulae. Publications of the Astronomical Society of the Pacific, 2002, 114, 602-611.	3.1	42
64	A call for a paradigm shift from neutrino-driven to jet-driven core-collapse supernova mechanisms. Monthly Notices of the Royal Astronomical Society, 2015, 448, 2362-2367.	4.4	42
65	Energy transport by convection in the common envelope evolution. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4361-4367.	4.4	42
66	The Common Envelope Jet Supernova (CEJSN) r-process Scenario. Astrophysical Journal, 2019, 878, 24.	4.5	42
67	Departure from Axisymmetry in Planetary Nebulae. Astrophysical Journal, 2001, 557, 256-265.	4.5	42
68	Dust formation above cool magnetic spots in evolved stars. Monthly Notices of the Royal Astronomical Society, 1999, 307, 993-1000.	4.4	41
69	POSSIBLE IMPLICATIONS OF THE PLANET ORBITING THE RED HORIZONTAL BRANCH STAR HIP 13044. Astrophysical Journal Letters, 2011, 733, L44.	8.3	41
70	Constraining the double-degenerate scenario for Type Ia supernovae from merger ejected matter. Monthly Notices of the Royal Astronomical Society, 2015, 447, 2803-2809.	4.4	41
71	THE<i>CHANDRA</i>PLANETARY NEBULA SURVEY (CHANPLANS). II. X-RAY EMISSION FROM COMPACT PLANETARY NEBULAE. Astrophysical Journal, 2014, 794, 99.	4.5	40
72	Core collapse supernova remnants with ears. Monthly Notices of the Royal Astronomical Society, 2017, 468, 1226-1235.	4.4	40

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73	Heat conduction fronts in planetary nebulae. Astronomical Journal, 1994, 107, 276.	4.7	40
74	Planetary systems and real planetary nebulae from planet destruction near white dwarfs. Monthly Notices of the Royal Astronomical Society, 2015, 450, 4233-4239.	4.4	39
75	Simulating the onset of grazing envelope evolution of binary stars. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 465, L54-L58.	3.3	39
76	Common envelope jets supernova (CEJSN) impostors resulting from a neutron star companion. Monthly Notices of the Royal Astronomical Society, 2019, 482, 4233-4242.	4.4	39
77	Destruction of Brown Dwarfs and Jet Formation in Planetary Nebulae. Astrophysical Journal, 1996, 468, 774.	4.5	39
78	Hot Bubbles in Cooling Flow Clusters. Astrophysical Journal, 2002, 573, 533-541.	4.5	38
79	Shaping planetary nebulae by light jets. Monthly Notices of the Royal Astronomical Society, 2008, 391, 1063-1074.	4.4	38
80	Accounting for planet-shaped planetary nebulae. Monthly Notices of the Royal Astronomical Society, 2018, 473, 286-294.	4.4	38
81	Simulating a binary system that experiences the grazing envelope evolution. Monthly Notices of the Royal Astronomical Society, 2018, 477, 2584-2598.	4.4	38
82	Stability analysis of the accretion line. Astrophysical Journal, 1990, 358, 545.	4.5	38
83	Turbulent dynamo in asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2002, 329, 204-208.	4.4	37
84	Feedback Heating with Slow Jets in Cooling Flow Clusters. Astrophysical Journal, 2005, 622, 847-852.	4.5	36
85	IMPLICATIONS OF TURBULENCE FOR JETS IN CORE-COLLAPSE SUPERNOVA EXPLOSIONS. Astrophysical Journal, 2015, 806, 28.	4.5	36
86	The Rings around the Egg Nebula. Astrophysical Journal, 1997, 487, 809-817.	4.5	36
87	Why a Singleâ€Star Model Cannot Explain the Bipolar Nebula of Î· Carinae. Astrophysical Journal, 2004, 612, 1060-1064.	4.5	36
88	Eccentric Binary Model for Offâ€Center Planetary Nebula Nuclei. Astrophysical Journal, 1998, 496, 842-848.	4.5	35
89	The â€œTwin Jetâ€• Planetary Nebula M2â€9. Astrophysical Journal, 2001, 552, 685-691.	4.5	35
90	On the Luminosities and Temperatures of Extended Xâ€Ray Emission from Planetary Nebulae. Astrophysical Journal, 2003, 583, 368-373.	4.5	35

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91	Accretion by the Secondary in Î· Carinae During the Spectroscopic Event. I. Flow Parameters. Astrophysical Journal, 2005, 635, 540-546.	4.5	35
92	Interaction of planetary nebulae with the interstellar medium - Theory. Astronomical Journal, 1991, 102, 1381.	4.7	35
93	Instabilities in Moving Planetary Nebulae. Astrophysical Journal, 1998, 495, 337-345.	4.5	35
94	Interaction of Planetary Nebulae with a Magnetized ISM. Astrophysical Journal, 1997, 484, 277-285.	4.5	34
95	Extrasolar planets and the rotation and axisymmetric mass-loss of evolved stars. Monthly Notices of the Royal Astronomical Society, 2001, 324, 699-704.	4.4	34
96	Dust formation and inhomogeneous mass-loss from asymptotic giant branch stars. Monthly Notices of the Royal Astronomical Society, 2000, 312, 217-224.	4.4	33
97	Accretion onto the Companion of Î· Carinae during the Spectroscopic Event. II. Xâ€Ray Emission Cycle. Astrophysical Journal, 2006, 644, 451-463.	4.5	33
98	A planar jittering-jets pattern in core collapse supernova explosions. Monthly Notices of the Royal Astronomical Society, 2014, 443, 664-670.	4.4	33
99	Jets launched at magnetar birth cannot be ignored. New Astronomy, 2016, 47, 88-90.	1.8	33
100	Resonant excitation of internal gravity waves in cluster cooling flows. Astrophysical Journal, 1990, 357, 353.	4.5	33
101	The Effects of Planets and Brown Dwarfs on Stellar Rotation and Mass Loss. Astrophysical Journal, 2002, 571, L161-L164.	4.5	32
102	Applying the jet feedback mechanism to core-collapse supernova explosions. Monthly Notices of the Royal Astronomical Society, 2010, 401, 2793-2798.	4.4	32
103	Operation of the jet feedback mechanism (JFM) in intermediate luminosity optical transients (ILOTs). Research in Astronomy and Astrophysics, 2016, 16, 014.	1.7	32
104	Observed Planetary Nebulae as Descendants of Interacting Binary Systems. Astrophysical Journal, 2006, 645, L57-L60.	4.5	31
105	Powering the second 2012 outburst of SN 2009ip by repeating binary interaction. Monthly Notices of the Royal Astronomical Society, 2013, 436, 2484-2491.	4.4	31
106	Exploding core-collapse supernovae by jets-driven feedback mechanism. Monthly Notices of the Royal Astronomical Society, 2014, 438, 1027-1037.	4.4	31
107	Evaporation of brown dwarfs in AGB envelopes. Monthly Notices of the Royal Astronomical Society, 1994, 270, 734-742.	4.4	30
108	Expected planets in globular clusters. Monthly Notices of the Royal Astronomical Society, 2007, 381, 334-340.	4.4	30

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109	Binary interactions with high accretion rates onto main sequence stars. Research in Astronomy and Astrophysics, 2016, 16, 017.	1.7	30
110	The imprints of the last jets in core collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1770-1777.	4.4	30
111	Criticism of recent calculations of common envelope ejection. Monthly Notices of the Royal Astronomical Society, 2003, 343, 456-458.	4.4	29
112	A formation scenario for the triple pulsar PSR J0337+1715: breaking a binary system inside a common envelope. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1716-1723.	4.4	29
113	Energizing the last phase of common-envelope removal. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4839-4843.	4.4	29
114	Xâ€Ray Imaging of Planetary Nebulae with Wolfâ€Rayetâ€"type Central Stars: Detection of the Hot Bubble in NGC 40. Astrophysical Journal, 2005, 635, 381-385.	4.5	28
115	Sound waves excitation by jet-inflated bubbles in clusters of galaxies. Monthly Notices of the Royal Astronomical Society, 2009, 395, 228-233.	4.4	28
116	Correlation of black hole and bulge masses: driven by energy but correlated with momentum. Monthly Notices of the Royal Astronomical Society, 2011, 411, 1803-1808.	4.4	28
117	The circumstellar matter of supernova 2014J and the core-degenerate scenario. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1333-1337.	4.4	28
118	Hitomi observations of Perseus support heating by mixing. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 466, L39-L42.	3.3	28
119	Planetary Nebulae that Cannot Be Explained by Binary Systems. Astrophysical Journal Letters, 2017, 837, L10.	8.3	28
120	Radiating the Hydrogen Recombination Energy during Common Envelope Evolution. Astrophysical Journal Letters, 2018, 863, L14.	8.3	28
121	Inflating fat bubbles in clusters of galaxies by precessing massive slow jets. Monthly Notices of the Royal Astronomical Society, 2008, 384, 1327-1336.	4.4	27
122	Explaining two recent intermediate-luminosity optical transients (ILOTs) by a binary interaction and jets. Monthly Notices of the Royal Astronomical Society, 2016, 462, 217-222.	4.4	27
123	Gentle Heating by Mixing in Cooling Flow Clusters. Astrophysical Journal, 2017, 845, 91.	4.5	27
124	The evolution of the planetary nebula NGC 6826. Astronomical Journal, 1990, 99, 1883.	4.7	27
125	On the Asymmetries of Extended Xâ€Ray Emission from Planetary Nebulae. Astrophysical Journal, 2002, 581, 1225-1235.	4.5	27
126	Comparing Î· Carinae with the Red Rectangle. Astrophysical Journal, 2007, 661, 490-495.	4.5	26

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127	Rising jet-inflated bubbles in clusters of galaxies. Monthly Notices of the Royal Astronomical Society: Letters, 2008, 389, L13-L17.	3.3	26
128	ANGULAR MOMENTUM FLUCTUATIONS IN THE CONVECTIVE HELIUM SHELL OF MASSIVE STARS. Astrophysical Journal, 2016, 827, 40.	4.5	26
129	Planetary nebula progenitors that swallow binary systems. Monthly Notices of the Royal Astronomical Society, 2016, 455, 1584-1593.	4.4	26
130	Intermediate luminosity optical transients during the grazing envelope evolution (GEE). New Astronomy, 2016, 47, 16-18.	1.8	26
131	Supernovae Ia in 2017: a long time delay from merger/accretion to explosion. Science China: Physics, Mechanics and Astronomy, 2018, 61, 1.	5.1	26
132	Merger by migration at the final phase of common envelope evolution. New Astronomy, 2013, 18, 18-22.	1.8	25
133	Excitation of pressure modes in common envelopes. Astrophysical Journal, 1992, 386, 190.	4.5	25
134	Magnetic Flares on Asymptotic Giant Branch Stars. Astrophysical Journal, 2003, 592, 498-503.	4.5	25
135	Stellar structure and mass loss on the upper asymptotic giant branch. Monthly Notices of the Royal Astronomical Society, 1999, 310, 1158-1164.	4.4	24
136	Problems in suppressing cooling flows in clusters of galaxies by global heat conduction. Monthly Notices of the Royal Astronomical Society, 2003, 342, 463-466.	4.4	24
137	Wind accretion by a binary stellar system and disc formation. Monthly Notices of the Royal Astronomical Society, 2004, 350, 1366-1372.	4.4	23
138	The source of mass accreted by the central black hole in cooling flow clusters. New Astronomy, 2006, 12, 38-46.	1.8	23
139	The source of the helium visible lines in Î· Carinae. New Astronomy, 2007, 12, 590-596.	1.8	23
140	Using X-ray observations to explore the binary interaction in Eta Carinae. Monthly Notices of the Royal Astronomical Society, 2009, 397, 1426-1434.	4.4	23
141	Spinning-up the envelope before entering a common envelope phase. New Astronomy, 2010, 15, 483-490.	1.8	23
142	Heating cold clumps by jet-inflated bubbles in cooling flow clusters. Monthly Notices of the Royal Astronomical Society, 2014, 445, 4161-4174.	4.4	23
143	Early UV emission from disc-originated matter (DOM) in Type Ia supernovae in the double-degenerate scenario. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2510-2516.	4.4	23
144	The two promising scenarios to explode core collapse supernovae. Research in Astronomy and Astrophysics, 2017, 17, 113.	1.7	23

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145	Explaining the Early Excess Emission of the Type Ia Supernova 2018oh by the Interaction of the Ejecta with Disk-originated Matter. Astrophysical Journal Letters, 2019, 872, L7.	8.3	23
146	Xâ€Ray Emission from Central Binary Systems of Planetary Nebulae. Astrophysical Journal, 2002, 570, 245-251.	4.5	23
147	A Common Envelope Jets Supernova (CEJSN) Impostor Scenario for Fast Blue Optical Transients. Research in Astronomy and Astrophysics, 2022, 22, 055010.	1.7	23
148	A Possible Hidden Population of Spherical Planetary Nebulae. Astronomical Journal, 2005, 130, 2717-2724.	4.7	22
149	Heating the intra-cluster medium perpendicular to the jets axis. Monthly Notices of the Royal Astronomical Society, 2012, 427, 1482-1489.	4.4	22
150	Impulsive ejection of gas in bipolar planetary nebulae. Monthly Notices of the Royal Astronomical Society, 2013, 436, 1961-1967.	4.4	22
151	The response of a helium white dwarf to an exploding Type Ia supernova. Monthly Notices of the Royal Astronomical Society, 2015, 449, 942-954.	4.4	22
152	Launching jets from accretion belts. Research in Astronomy and Astrophysics, 2016, 16, 001.	1.7	22
153	Inclined jets inside a common envelope of a triple stellar system. Monthly Notices of the Royal Astronomical Society, 0, , .	4.4	22
154	Common envelope jets supernovae with a black hole companion as possible high-energy neutrino sources. Monthly Notices of the Royal Astronomical Society, 2021, 507, 1651-1661.	4.4	22
155	Abundance Anomalies in the Xâ€Ray Spectra of Planetary Nebulae NGC 7027 and BD +30o3639. Astrophysical Journal, 2003, 589, 439-443.	4.5	21
156	Accreting White Dwarfs among the Planetary Nebulae Most Luminous in [Oiii] Î»5007 Emission. Astrophysical Journal, 2006, 640, 966-970.	4.5	21
157	Accretion onto the Companion of Î· Carinae during the Spectroscopic Event. III. The HeiiÎ»4686 Line. Astrophysical Journal, 2006, 652, 1563-1571.	4.5	21
158	Forming equatorial rings around dying stars. Monthly Notices of the Royal Astronomical Society, 2015, 453, 2115-2125.	4.4	21
159	Reviving the stalled shock by jittering jets in core collapse supernovae: jets from the standing accretion shock instability. Research in Astronomy and Astrophysics, 2019, 19, 095.	1.7	21
160	The Binarity of Î· Carinae and Its Similarity to Related Astrophysical Objects. Astrophysical Journal, 2005, 619, 1064-1071.	4.5	21
161	Magnetic activity of the cool component in symbiotic systems. Monthly Notices of the Royal Astronomical Society, 2002, 337, 1038-1042.	4.4	20
162	X-ray emission from jetâ€"wind interaction in planetary nebulae. New Astronomy, 2008, 13, 563-568.	1.8	20

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163	A model for the formation of large circumbinary disks around post AGB stars. New Astronomy, 2008, 13, 157-162.	1.8	20
164	Accretionâ€Induced Collimated Fast Wind Model for Î· Carinae. Astrophysical Journal, 2003, 597, 513-517.	4.5	19
165	The Shaping of the Red Rectangle Proto-Planetary Nebula. Astronomical Journal, 2005, 129, 947-953.	4.7	19
166	EXPLAINING THE EARLY EXIT OF ETA CARINAE FROM ITS 2009 X-RAY MINIMUM WITH THE ACCRETION MODEL. Astrophysical Journal, 2009, 701, L59-L62.	4.5	19
167	Modelling SNR G1.9+0.3 as a Supernova inside a Planetary Nebula. Monthly Notices of the Royal Astronomical Society, 2015, 450, 1399-1408.	4.4	19
168	Forming H-shaped and barrel-shaped nebulae with interacting jets. Monthly Notices of the Royal Astronomical Society, 2018, 475, 4794-4808.	4.4	19
169	Classification of planetary nebulae by their departure from axisymmetry. Monthly Notices of the Royal Astronomical Society, 2002, 331, 731-735.	4.4	18
170	What planetary nebulae can tell us about jets in core collapse supernovae. Monthly Notices of the Royal Astronomical Society, 2017, 468, 140-146.	4.4	18
171	Grazing envelope evolution towards Type IIb supernovae. Monthly Notices of the Royal Astronomical Society: Letters, 2017, 470, L102-L106.	3.3	18
172	Kinematics of Filaments in Cooling Flow Clusters and Heating by Mixing. Astrophysical Journal, 2020, 896, 104.	4.5	18
173	Simulating highly eccentric common envelope jet supernova impostors. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2386-2398.	4.4	18
174	H-Function Evolution during Violent Relaxation. Astrophysical Journal, 1996, 457, 287.	4.5	18
175	Radiation from a Uniformly Accelerated Charge. General Relativity and Gravitation, 1998, 30, 1217-1227.	2.0	17
176	Correlation of black holeâ€"bulge masses by AGN jets. Monthly Notices of the Royal Astronomical Society: Letters, 2009, 398, L41-L43.	3.3	17
177	A moderate cooling flow phase at galaxy formation. Monthly Notices of the Royal Astronomical Society, 0, 407, 2355-2361.	4.4	17
178	Emission peaks in the light curve of core collapse supernovae by late jets. Monthly Notices of the Royal Astronomical Society, 2020, 492, 3013-3020.	4.4	17
179	Cooling flows and the stability of radio jets. Astrophysical Journal, 1988, 327, 66.	4.5	17
180	Efficiently Jet-powered Radiation in Intermediate-luminosity Optical Transients. Astrophysical Journal, 2020, 893, 20.	4.5	17

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181	Why every bipolar planetary nebula is unique. Monthly Notices of the Royal Astronomical Society, 2002, 330, 481-486.	4.4	16
182	ACCELERATING VERY FAST GAS IN THE SUPERNOVA IMPOSTOR SN 2009ip WITH JETS FROM A STELLAR COMPANION. Astrophysical Journal Letters, 2013, 777, L35.	8.3	16
183	An outburst powered by the merging of two stars inside the envelope of a giant. Monthly Notices of the Royal Astronomical Society, 2017, 471, 3456-3464.	4.4	16
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