

Alice C Quillen

List of Publications by Year in descending order

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169
papers

7,988
citations

44069

48
h-index

62596

80
g-index

174
all docs

174
docs citations

174
times ranked

5823
citing authors

#	ARTICLE	IF	CITATIONS
1	The Radial Velocity Experiment (RAVE): First Data Release. <i>Astronomical Journal</i> , 2006, 132, 1645-1668.	4.7	716
2	The Frequency of Barred Spiral Galaxies in the Near-Infrared. <i>Astronomical Journal</i> , 2000, 119, 536-544.	4.7	374
3	Multiwavelength Monitoring of the Dwarf Seyfert 1 Galaxy NGC 4395. I. A Reverberation-based Measurement of the Black Hole Mass. <i>Astrophysical Journal</i> , 2005, 632, 799-808.	4.5	260
4	An Infrared Survey of Brightest Cluster Galaxies. II. Why are Some Brightest Cluster Galaxies Forming Stars?. <i>Astrophysical Journal</i> , 2008, 681, 1035-1045.	4.5	229
5	Near-Infrared and Optical Morphology of Spiral Galaxies. <i>Astrophysical Journal, Supplement Series</i> , 2002, 143, 73-111.	7.7	176
6	Predictions for a planet just inside Fomalhaut's eccentric ring. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2006, 372, L14-L18.	3.3	157
7	Radial migration does little for Galactic disc thickening. <i>Astronomy and Astrophysics</i> , 2012, 548, A127.	5.1	152
8	Evolution of galactic discs: multiple patterns, radial migration, and disc outskirts. <i>Astronomy and Astrophysics</i> , 2012, 548, A126.	5.1	149
9	The GALAH survey and Gaia DR2: dissecting the stellar disc's phase space by age, action, chemistry, and location. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 486, 1167-1191.	4.4	145
10	Cold, clumpy accretion onto an active supermassive black hole. <i>Nature</i> , 2016, 534, 218-221.	27.8	137
11	Structure in the μ Eridani Dusty Disk Caused by Mean Motion Resonances with a 0.3 Eccentricity Planet at Periastron. <i>Astrophysical Journal</i> , 2002, 578, L149-L152.	4.5	129
12	PLANETARY CONSTRUCTION ZONES IN OCCULTATION: DISCOVERY OF AN EXTRASOLAR RING SYSTEM TRANSITING A YOUNG SUN-LIKE STAR AND FUTURE PROSPECTS FOR DETECTING ECLIPSES BY CIRCUMSECONDARY AND CIRCUMPLANETARY DISKS. <i>Astronomical Journal</i> , 2012, 143, 72.	4.7	128
13	On the Planet and the Disk of κ TAURI/4. <i>Astrophysical Journal</i> , 2004, 612, L137-L140.	4.5	123
14	The Effect of Spiral Structure on the Stellar Velocity Distribution in the Solar Neighborhood. <i>Astronomical Journal</i> , 2005, 130, 576-585.	4.7	122
15	Radial mixing in the outer Milky Way disc caused by an orbiting satellite. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 397, 1599-1606.	4.4	116
16	Sagittarius A* Companion S0 ₂ : A Probe of Very High Mass Star Formation. <i>Astrophysical Journal</i> , 2003, 592, 935-940.	4.5	114
17	Structure in phase space associated with spiral and bar density waves in an N-body hybrid galactic disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 762-784.	4.4	109
18	The gravitational potential of the bar in NGC 4314. <i>Astrophysical Journal</i> , 1994, 437, 162.	4.5	109

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19	Is the Milky Way ringing? The hunt for high-velocity streams. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2009, 396, L56-L60.	3.3	104
20	Three-body resonance overlap in closely spaced multiple-planet systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 418, 1043-1054.	4.4	103
21	Spectral Energy Distributions of Seyfert Nuclei. <i>Astronomical Journal</i> , 2003, 126, 81-100.	4.7	87
22	Chaotic zone boundary for low free eccentricity particles near an eccentric planet. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 373, 1245-1250.	4.4	81
23	Radial heating of a galactic disc by multiple spiral density waves. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 368, 623-636.	4.4	80
24	Turbulence Driven by Outflow-Blown Cavities in the Molecular Cloud of NGC 1333. <i>Astrophysical Journal</i> , 2005, 632, 941-955.	4.5	79
25	New Constraints on the Galactic Bar. <i>Astrophysical Journal</i> , 2007, 664, L31-L34.	4.5	77
26	KIC 8462852: TRANSIT OF A LARGE COMET FAMILY. <i>Astrophysical Journal Letters</i> , 2016, 819, L34.	8.3	76
27	An estimate of the gas inflow rate along the bar in NGC 7479. <i>Astrophysical Journal</i> , 1995, 441, 549.	4.5	75
28	Do Proto-Jovian Planets Drive Outflows?. <i>Astrophysical Journal</i> , 1998, 508, 707-713.	4.5	75
29	NGC 1614: A Laboratory for Starburst Evolution. <i>Astrophysical Journal</i> , 2001, 546, 952-965.	4.5	75
30	The Nonstellar Infrared Continuum of Seyfert Galaxies. <i>Astronomical Journal</i> , 2001, 121, 1369-1384.	4.7	74
31	The total number of giant planets in debris discs with central clearings. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 382, 1823-1828.	4.4	72
32	HUBBLE SPACE TELESCOPE FAR-ULTRAVIOLET OBSERVATIONS OF BRIGHTEST CLUSTER GALAXIES: THE ROLE OF STAR FORMATION IN COOLING FLOWS AND BCG EVOLUTION. <i>Astrophysical Journal</i> , 2010, 719, 1619-1632.	4.5	72
33	EXCITATION OF COUPLED STELLAR MOTIONS IN THE GALACTIC DISK BY ORBITING SATELLITES. <i>Astrophysical Journal</i> , 2016, 823, 4.	4.5	72
34	Reducing the probability of capture into resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 365, 1367-1382.	4.4	71
35	Dippers and dusty disc edges: new diagnostics and comparison to model predictions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 470, 202-223.	4.4	71
36	OUTFLOW-DRIVEN TURBULENCE IN MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2009, 695, 1376-1381.	4.5	71

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37	A NEW STELLAR CHEMO-KINEMATIC RELATION REVEALS THE MERGER HISTORY OF THE MILKY WAY DISK. <i>Astrophysical Journal Letters</i> , 2014, 781, L20.	8.3	70
38	An Infrared Survey of Brightest Cluster Galaxies. I.. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 39-58.	7.7	67
39	Chaos Caused by Resonance Overlap in the Solar Neighborhood: Spiral Structure at the Bar's Outer Lindblad Resonance. <i>Astronomical Journal</i> , 2003, 125, 785-793.	4.7	65
40	Far-ultraviolet morphology of star-forming filaments in cool core brightest cluster galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 451, 3768-3800.	4.4	62
41	The kinematics of the molecular gas in Centaurus A. <i>Astrophysical Journal</i> , 1992, 391, 121.	4.5	62
42	Hubble Space Telescope Near-Infrared Snapshot Survey of 3CR Radio Source Counterparts at Low Redshift. <i>Astrophysical Journal, Supplement Series</i> , 2006, 164, 307-333.	7.7	58
43	Planets Rapidly Create Holes in Young Circumstellar Disks. <i>Astrophysical Journal</i> , 2006, 640, 1110-1114.	4.5	58
44	The Multitude of Unresolved Continuum Sources at 1.6 Microns in Hubble Space Telescope Images of Seyfert Galaxies. <i>Astrophysical Journal</i> , 2001, 547, 129-139.	4.5	57
45	The warped disk of Centaurus A in the near-infrared. <i>Astrophysical Journal</i> , 1993, 412, 550.	4.5	56
46	A NICMOS Survey of Early-Type Galaxy Centers: The Relation Between Core Properties, Gas and Dust Content, and Environment. <i>Astrophysical Journal, Supplement Series</i> , 2000, 128, 85-98.	7.7	54
47	Hot planetary winds near a star: dynamics, wind-wind interactions, and observational signatures. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 2458-2473.	4.4	51
48	The Extinction Law in an Occulting Galaxy. <i>Astronomical Journal</i> , 1997, 114, 107.	4.7	51
49	Planetary embryos and planetesimals residing in thin debris discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 1642-1648.	4.4	50
50	Orbits in the Bar of NGC 4314. <i>Astrophysical Journal</i> , 1997, 483, 731-744.	4.5	50
51	A vertical resonance heating model for X- or peanut-shaped galactic bulges. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 1284-1307.	4.4	49
52	Driving Spiral Arms in the Circumstellar Disks of HD 100546 and HD 141569A. <i>Astronomical Journal</i> , 2005, 129, 2481-2495.	4.7	47
53	Using a [ITAL]Hipparcos[/ITAL]-derived Hertzsprung-Russell Diagram to Limit the Metallicity Scatter of Stars in the Hyades: Are Stars Polluted?. <i>Astronomical Journal</i> , 2002, 124, 400-403.	4.7	46
54	Fluctuations in galactic bar parameters due to bar-spiral interaction. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 497, 933-955.	4.4	45

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55	Production of Star-grazing and Star-impacting Planetesimals via Orbital Migration of Extrasolar Planets. <i>Astronomical Journal</i> , 2000, 119, 397-402.	4.7	45
56	Spitzer Observations of the Dusty Warped Disk of Centaurus A. <i>Astrophysical Journal</i> , 2006, 645, 1092-1101.	4.5	44
57	<i>Herschel</i> photometry of brightest cluster galaxies in cooling flow clusters. <i>Astronomy and Astrophysics</i> , 2010, 518, L47.	5.1	43
58	Spiral arm crossings inferred from ridges in Gaia stellar velocity distributions. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 480, 3132-3139.	4.4	43
59	Origin scenarios for the Kepler 36 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2256-2267.	4.4	42
60	Numerical simulation of tidal evolution of a viscoelastic body modelled with a mass-spring network. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 458, 2890-2901.	4.4	42
61	The Evolution of Protoplanetary Disk Edges. <i>Astrophysical Journal</i> , 2004, 612, 1152-1162.	4.5	41
62	Growth of a Peanut-shaped Bulge via Resonant Trapping of Stellar Orbits in the Vertical Inner Lindblad Resonances. <i>Astronomical Journal</i> , 2002, 124, 722-732.	4.7	41
63	Diffuse X-ray Emission in Spiral Galaxies. <i>Astrophysical Journal</i> , 2004, 610, 213-225.	4.5	40
64	THE 1.6 μ m NEAR-INFRARED NUCLEI OF 3C RADIO GALAXIES: JETS, THERMAL EMISSION, OR SCATTERED LIGHT?. <i>Astrophysical Journal</i> , 2010, 725, 2426-2443.	4.5	40
65	The vertical structure of planet-induced gaps in protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 387-396.	4.4	39
66	Limits on orbit-crossing planetesimals in the resonant multiple planet system, KOI-730. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 432, 1196-1202.	4.4	39
67	The minimum gap-opening planet mass in an irradiated circumstellar accretion disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 381, 1280-1286.	4.4	38
68	PROTOSTELLAR OUTFLOW EVOLUTION IN TURBULENT ENVIRONMENTS. <i>Astrophysical Journal</i> , 2009, 692, 816-826.	4.5	36
69	Effects of a planetesimal debris disc on stability scenarios for the extrasolar planetary system HR 8799. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 430, 320-329.	4.4	36
70	Observational Properties of Protoplanetary Disk Gaps. <i>Astrophysical Journal</i> , 2006, 637, L125-L128.	4.5	34
71	The formation of an eccentric gap in a gas disc by a planet in an eccentric orbit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 378, 966-972.	4.4	34
72	<i>Herschel</i> observations of FIR emission lines in brightest cluster galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, L46.	5.1	34

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73	Tidal spin-down rates of homogeneous triaxial viscoelastic bodies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 463, 1543-1553.	4.4	34
74	Comments on the observability of coronal variations. <i>Solar Physics</i> , 1989, 122, 245-261.	2.5	33
75	NICMOS Imaging of Molecular Hydrogen Emission in Seyfert Galaxies. <i>Astrophysical Journal</i> , 1999, 527, 696-708.	4.5	33
76	Outflow-driven Cavities: Numerical Simulations of Intermediaries of Protostellar Turbulence. <i>Astrophysical Journal</i> , 2006, 653, 416-424.	4.5	33
77	<i>HST</i> /ACS EMISSION LINE IMAGING OF LOW-REDSHIFT 3CR RADIO GALAXIES. I. THE DATA. <i>Astrophysical Journal, Supplement Series</i> , 2009, 183, 278-294.	7.7	32
78	Phase wrapping of epicyclic perturbations in the Wobbly Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 933-945.	4.4	32
79	Torque on an exoplanet from an anisotropic evaporative wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1743-1753.	4.4	30
80	The Warped Circumstellar Disk of HD 100546. <i>Astrophysical Journal</i> , 2006, 640, 1078-1085.	4.5	29
81	Stability boundaries for resonant migrating planet pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1753-1762.	4.4	29
82	Multiband Images of the Barred Galaxy NGC 1097. <i>Astronomical Journal</i> , 1995, 110, 156.	4.7	29
83	Discovery of a Boxy Peanut-shaped Bulge in the Near-Infrared. <i>Astrophysical Journal</i> , 1997, 481, 179-185.	4.5	29
84	Star Formation and Asymmetry in the Spiral Arms of M51: Variable Star Formation Caused by More than One Spiral Density Wave. <i>Astronomical Journal</i> , 2003, 126, 2831-2839.	4.7	28
85	Capture of irregular satellites via binary planetesimal exchange reactions in migrating planetary systems. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 425, 2507-2518.	4.4	28
86	Disentangling the Circumnuclear Environs of Centaurus A. III. An Inner Molecular Ring, Nuclear Shocks, and the CO to Warm H ₂ Interface. <i>Astrophysical Journal</i> , 2017, 843, 136.	4.5	28
87	The GALAH survey: stellar streams and how stellar velocity distributions vary with Galactic longitude, hemisphere, and metallicity. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 478, 228-254.	4.4	28
88	Obliquity evolution of the minor satellites of Pluto and Charon. <i>Icarus</i> , 2017, 293, 94-113.	2.5	27
89	A Measurement of the Galactic Plane Mass Density from Binary Pulsar Accelerations. <i>Astrophysical Journal Letters</i> , 2021, 907, L26.	8.3	27
90	Dust Lanes Causing Structure in the Extended Narrow-Line Region of Early-type Seyfert Galaxies. <i>Astrophysical Journal</i> , 1999, 525, 685-690.	4.5	26

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91	Resonant chains and three-body resonances in the closely packed inner Uranian satellite system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 445, 3959-3986.	4.4	26
92	<i>Hubble Space Telescope</i> Near-Infrared Snapshot Survey of 3CR Radio Source Counterparts. II. An Atlas and Inventory of the Host Galaxies, Mergers, and Companions. <i>Astrophysical Journal, Supplement Series</i> , 2008, 177, 148-173.	7.7	25
93	Migration in the shearing sheet and estimates for young open cluster migration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2018, 475, 4450-4466.	4.4	25
94	POWERFUL ACTIVITY IN THE BRIGHT AGES. I. A VISIBLE/IR SURVEY OF HIGH REDSHIFT 3C RADIO GALAXIES AND QUASARS. <i>Astrophysical Journal, Supplement Series</i> , 2016, 225, 12.	7.7	25
95	Residual cooling and persistent star formation amid active galactic nucleus feedback in Abell 2597. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1042-1060.	4.4	23
96	A Comparison between P_{CLC} and $H\alpha$ Emission: The Relation between Mean $H\alpha$ Region Reddening, Local Gas Density, and Metallicity. <i>Astronomical Journal</i> , 2001, 121, 2095-2105.	4.7	21
97	Constraining spiral structure parameters through Galactic pencil-beam and large-scale radial velocity surveys. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 1579-1587.	4.4	21
98	Multiphase signatures of active galactic nucleus feedback in Abell 2597. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1026-1041.	4.4	21
99	Synchronized oscillations in swarms of nematode <i>Turbatrix aceti</i> . <i>Soft Matter</i> , 2022, 18, 1174-1182.	2.7	21
100	The effect of spiral structure on the measurements of the Oort constants. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1163-1174.	4.4	19
101	Metachronal waves in concentrations of swimming <i>Turbatrix aceti</i> nematodes and an oscillator chain model for their coordinated motions. <i>Physical Review E</i> , 2021, 104, 014412.	2.1	19
102	The Ionization Source in the Nucleus of M84. <i>Astrophysical Journal</i> , 2000, 534, 189-200.	4.5	18
103	QYMSYM: A GPU-accelerated hybrid symplectic integrator that permits close encounters. <i>New Astronomy</i> , 2011, 16, 445-455.	1.8	18
104	A Wind-Driven Warping Instability in Accretion Disks. <i>Astrophysical Journal</i> , 2001, 563, 313-318.	4.5	17
105	When is star formation episodic? A delay differential equation "negative feedback" model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 386, 2227-2234.	4.4	17
106	Optical and Infrared Images of Galaxies: What's to be Learned?. <i>Astrophysics and Space Science Library</i> , 1996, , 65-83.	2.7	17
107	Kinematics and Neutral Hydrogen Properties of the Giant Low Surface Brightness Galaxy UGC 2936. <i>Astronomical Journal</i> , 1999, 118, 765-776.	4.7	17
108	Decay of interplanetary coronal mass ejections and Forbush decrease recovery times. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	16

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109	Identification of Globular Cluster Stars in RAVE data II: Extended tidal debris around NGC 3201. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 2078-2085.	4.4	16
110	Impact excitation of a seismic pulse and vibrational normal modes on asteroid Bennu and associated slumping of regolith. <i>Icarus</i> , 2019, 319, 312-333.	2.5	16
111	Coma Berenices: The First Evidence for Incomplete Vertical Phase-mixing in Local Velocity Space with RAVE—Confirmed with Gaia DR2. <i>Research Notes of the AAS</i> , 2018, 2, 32.	0.7	16
112	Isophotal Structure and Dust Distribution in Radio-loud Elliptical Galaxies. <i>Astrophysical Journal</i> , 2007, 666, 109-121.	4.5	15
113	Toward a Direct Measure of the Galactic Acceleration. <i>Astrophysical Journal Letters</i> , 2020, 902, L28.	8.3	15
114	M84: A Warp Caused by Jet-induced Pressure Gradients?. <i>Astrophysical Journal</i> , 1999, 522, 718-726.	4.5	14
115	Discovery of a 500 Parsec Shell in the Nucleus of Centaurus A. <i>Astrophysical Journal</i> , 2006, 641, L29-L32.	4.5	14
116	The Warped Disk of Centaurus A from a Radius of 2 to 6500 pc. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 396-401.	3.4	14
117	The Distribution of Dark Matter in a Ringed Galaxy. <i>Astrophysical Journal</i> , 1997, 487, 603-616.	4.5	13
118	Low-Frequency Hybrid Earthquakes near a Magma Chamber in Afar: Quantifying Path Effects. <i>Bulletin of the Seismological Society of America</i> , 2010, 100, 1892-1903.	2.3	13
119	Crustal failure on icy Moons from a strong tidal encounter. <i>Icarus</i> , 2016, 275, 267-280.	2.5	13
120	Star Formation Efficiencies at Giant Molecular Cloud Scales in the Molecular Disk of the Elliptical Galaxy NGC 5128 (Centaurus A). <i>Astrophysical Journal</i> , 2019, 887, 88.	4.5	13
121	Excitation of tumbling in Phobos and Deimos. <i>Icarus</i> , 2020, 340, 113641.	2.5	13
122	Spiral Structure Based Limits on the Disk Mass of the Low Surface Brightness Galaxies UGC 6614 and F568-6. <i>Astronomical Journal</i> , 1997, 113, 2075.	4.7	13
123	Prospecting for Spiral Structure in the Flocculent Outer Milky Way Disk with Color-Magnitude Star Counts from the Two Micron All Sky Survey. <i>Astronomical Journal</i> , 2002, 124, 924-930.	4.7	12
124	Magnetic arms generated by multiple interfering galactic spiral patterns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 562-574.	4.4	12
125	Tilting Styx and Nix but not Uranus with a Spin-Precession-Mean-motion resonance. <i>Celestial Mechanics and Dynamical Astronomy</i> , 2018, 130, 1.	1.4	12
126	Ricochets on asteroids: Experimental study of low velocity grazing impacts into granular media. <i>Icarus</i> , 2020, 351, 113963.	2.5	12

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127	Boids in a loop: Self-propelled particles within a flexible boundary. <i>Physical Review E</i> , 2020, 101, 052618.	2.1	12
128	The Dwarf Galaxy NGC 1705-A Highly Composite Stellar Population. <i>Astronomical Journal</i> , 1995, 110, 205.	4.7	12
129	The Variability of Seyfert 1.8 and 1.9 Galaxies at 1.6 Microns. <i>Astrophysical Journal</i> , 2000, 532, L17-L20.	4.5	11
130	870 Micron Observations of Nearby 3CRR Radio Galaxies. <i>Astronomical Journal</i> , 2003, 126, 2677-2686.	4.7	11
131	The parent populations of six groups identified from chemical tagging in the solar neighbourhood. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 450, 2354-2366.	4.4	11
132	CLUSTERED CEPHEID VARIABLES 90 KILOPARSECS FROM THE GALACTIC CENTER. <i>Astrophysical Journal Letters</i> , 2015, 802, L4.	8.3	11
133	Near/far side asymmetry in the tidally heated Moon. <i>Icarus</i> , 2019, 329, 182-196.	2.5	11
134	The Warped Nuclear Disk of Radio Galaxy 3C 449. <i>Astrophysical Journal</i> , 2006, 643, 101-111.	4.5	10
135	The morphology of galactic rings exterior to evolving bars: test-particle simulations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 395, 537-553.	4.4	10
136	Non-principal axis rotation in binary asteroid systems and how it weakens the BYORP effect. <i>Icarus</i> , 2022, 374, 114826.	2.5	10
137	Spitzer Space Telescope Infrared Spectrograph mapping of the central kpc of Centaurus A. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 384, 1469-1482.	4.4	9
138	MODELING TRANSITING CIRCUMSTELLAR DISKS: CHARACTERIZING THE NEWLY DISCOVERED ECLIPSING DISK SYSTEM OGLE LMC-ECL-11893. <i>Astrophysical Journal</i> , 2014, 797, 6.	4.5	9
139	Diffusive low optical depth particle discs truncated by planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1287-1294.	4.4	8
140	Jeans instability in a tidally disrupted halo satellite galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 810-822.	4.4	7
141	Variability in the 2MASS calibration fields: a search for transient obscuration events. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 2691-2716.	4.4	7
142	Boulder stranding in ejecta launched by an impact generated seismic pulse. <i>Icarus</i> , 2020, 337, 113424.	2.5	7
143	Birth sites of young stellar associations and recent star formation in a flocculent corrugated disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2020, 499, 5623-5640.	4.4	7
144	Galaxies with Spiral Structure up to $z \approx 0.87$: Limits on M_L and the Stellar Velocity Dispersion. <i>Astronomical Journal</i> , 1998, 115, 1412-1417.	4.7	6

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145	An Optical-Infrared Jet in 3C 133. <i>Astrophysical Journal</i> , 2006, 643, 660-666.	4.5	6
146	A search for eclipsing binaries that host discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 441, 3733-3741.	4.4	6
147	A coin vibrational motor swimming at low Reynolds number. <i>Regular and Chaotic Dynamics</i> , 2016, 21, 902-917.	0.8	6
148	Simulations of wobble damping in viscoelastic rotators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2019, 485, 725-738.	4.4	6
149	Detection of Dynamical Structures Using Color Gradients in Galaxies. <i>Astrophysical Journal</i> , 1996, 470, 790.	4.5	5
150	On the Formation of an Eccentric Disk via Disruption of a Bulge Core near a Massive Black Hole. <i>Astronomical Journal</i> , 2003, 125, 2998-3004.	4.7	4
151	Infrared Observations of Galaxies in the Local Universe. II. 391 Calibrated Images with Photometric and Structural Measurements. <i>Astrophysical Journal, Supplement Series</i> , 2003, 149, 327-342.	7.7	4
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