

Alice C Quillen

List of Publications by Year in descending order

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169
papers

7,988
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44042

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62565

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174
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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. | 1.9 | 716 |
| 2 | The Frequency of Barred Spiral Galaxies in the Near-Infrared. <i>Astronomical Journal</i> , 2000, 119, 536-544. | 1.9 | 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. | 1.6 | 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. | 1.6 | 229 |
| 5 | Near-Infrared and Optical Morphology of Spiral Galaxies. <i>Astrophysical Journal</i> , Supplement Series, 2002, 143, 73-111. | 3.0 | 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. | 1.2 | 157 |
| 7 | Radial migration does little for Galactic disc thickening. <i>Astronomy and Astrophysics</i> , 2012, 548, A127. | 2.1 | 152 |
| 8 | Evolution of galactic discs: multiple patterns, radial migration, and disc outskirts. <i>Astronomy and Astrophysics</i> , 2012, 548, A126. | 2.1 | 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. | 1.6 | 145 |
| 10 | Cold, clumpy accretion onto an active supermassive black hole. <i>Nature</i> , 2016, 534, 218-221. | 18.7 | 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. | 1.6 | 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. | 1.9 | 128 |
| 13 | On the Planet and the Disk of κ TAURI/4. <i>Astrophysical Journal</i> , 2004, 612, L137-L140. | 1.6 | 123 |
| 14 | The Effect of Spiral Structure on the Stellar Velocity Distribution in the Solar Neighborhood. <i>Astronomical Journal</i> , 2005, 130, 576-585. | 1.9 | 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. | 1.6 | 116 |
| 16 | Sagittarius A* Companion S0: A Probe of Very High Mass Star Formation. <i>Astrophysical Journal</i> , 2003, 592, 935-940. | 1.6 | 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. | 1.6 | 109 |
| 18 | The gravitational potential of the bar in NGC 4314. <i>Astrophysical Journal</i> , 1994, 437, 162. | 1.6 | 109 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 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. | 1.2 | 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. | 1.6 | 103 |
| 21 | Spectral Energy Distributions of Seyfert Nuclei. <i>Astronomical Journal</i> , 2003, 126, 81-100. | 1.9 | 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. | 1.6 | 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. | 1.6 | 80 |
| 24 | Turbulence Driven by Outflow-Blown Cavities in the Molecular Cloud of NGC 1333. <i>Astrophysical Journal</i> , 2005, 632, 941-955. | 1.6 | 79 |
| 25 | New Constraints on the Galactic Bar. <i>Astrophysical Journal</i> , 2007, 664, L31-L34. | 1.6 | 77 |
| 26 | KIC 8462852: TRANSIT OF A LARGE COMET FAMILY. <i>Astrophysical Journal Letters</i> , 2016, 819, L34. | 3.0 | 76 |
| 27 | An estimate of the gas inflow rate along the bar in NGC 7479. <i>Astrophysical Journal</i> , 1995, 441, 549. | 1.6 | 75 |
| 28 | Do Proto-Jovian Planets Drive Outflows?. <i>Astrophysical Journal</i> , 1998, 508, 707-713. | 1.6 | 75 |
| 29 | NGC 1614: A Laboratory for Starburst Evolution. <i>Astrophysical Journal</i> , 2001, 546, 952-965. | 1.6 | 75 |
| 30 | The Nonstellar Infrared Continuum of Seyfert Galaxies. <i>Astronomical Journal</i> , 2001, 121, 1369-1384. | 1.9 | 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. | 1.6 | 72 |
| 32 | <i>HUBBLE SPACE TELESCOPE</i> 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. | 1.6 | 72 |
| 33 | EXCITATION OF COUPLED STELLAR MOTIONS IN THE GALACTIC DISK BY ORBITING SATELLITES. <i>Astrophysical Journal</i> , 2016, 823, 4. | 1.6 | 72 |
| 34 | Reducing the probability of capture into resonance. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 365, 1367-1382. | 1.6 | 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. | 1.6 | 71 |
| 36 | OUTFLOW-DRIVEN TURBULENCE IN MOLECULAR CLOUDS. <i>Astrophysical Journal</i> , 2009, 695, 1376-1381. | 1.6 | 71 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | A NEW STELLAR CHEMO-KINEMATIC RELATION REVEALS THE MERGER HISTORY OF THE MILKY WAY DISK. <i>Astrophysical Journal Letters</i> , 2014, 781, L20. | 3.0 | 70 |
| 38 | An Infrared Survey of Brightest Cluster Galaxies. I.. <i>Astrophysical Journal, Supplement Series</i> , 2008, 176, 39-58. | 3.0 | 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. | 1.9 | 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. | 1.6 | 62 |
| 41 | The kinematics of the molecular gas in Centaurus A. <i>Astrophysical Journal</i> , 1992, 391, 121. | 1.6 | 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. | 3.0 | 58 |
| 43 | Planets Rapidly Create Holes in Young Circumstellar Disks. <i>Astrophysical Journal</i> , 2006, 640, 1110-1114. | 1.6 | 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. | 1.6 | 57 |
| 45 | The warped disk of Centaurus A in the near-infrared. <i>Astrophysical Journal</i> , 1993, 412, 550. | 1.6 | 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. | 3.0 | 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. | 1.6 | 51 |
| 48 | The Extinction Law in an Occulting Galaxy. <i>Astronomical Journal</i> , 1997, 114, 107. | 1.9 | 51 |
| 49 | Planetary embryos and planetesimals residing in thin debris discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 380, 1642-1648. | 1.6 | 50 |
| 50 | Orbits in the Bar of NGC 4314. <i>Astrophysical Journal</i> , 1997, 483, 731-744. | 1.6 | 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. | 1.6 | 49 |
| 52 | Driving Spiral Arms in the Circumstellar Disks of HD 100546 and HD 141569A. <i>Astronomical Journal</i> , 2005, 129, 2481-2495. | 1.9 | 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. | 1.9 | 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. | 1.6 | 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. | 1.9 | 45 |
| 56 | Spitzer Observations of the Dusty Warped Disk of Centaurus A. <i>Astrophysical Journal</i> , 2006, 645, 1092-1101. | 1.6 | 44 |
| 57 | <i>Herschel</i> photometry of brightest cluster galaxies in cooling flow clusters. <i>Astronomy and Astrophysics</i> , 2010, 518, L47. | 2.1 | 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. | 1.6 | 43 |
| 59 | Origin scenarios for the Kepler 36 planetary system. <i>Monthly Notices of the Royal Astronomical Society</i> , 2013, 435, 2256-2267. | 1.6 | 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. | 1.6 | 42 |
| 61 | The Evolution of Protoplanetary Disk Edges. <i>Astrophysical Journal</i> , 2004, 612, 1152-1162. | 1.6 | 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. | 1.9 | 41 |
| 63 | Diffuse X-ray Emission in Spiral Galaxies. <i>Astrophysical Journal</i> , 2004, 610, 213-225. | 1.6 | 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. | 1.6 | 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. | 1.6 | 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. | 1.6 | 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. | 1.6 | 38 |
| 68 | PROTOSTELLAR OUTFLOW EVOLUTION IN TURBULENT ENVIRONMENTS. <i>Astrophysical Journal</i> , 2009, 692, 816-826. | 1.6 | 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. | 1.6 | 36 |
| 70 | Observational Properties of Protoplanetary Disk Gaps. <i>Astrophysical Journal</i> , 2006, 637, L125-L128. | 1.6 | 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. | 1.6 | 34 |
| 72 | <i>Herschel</i> observations of FIR emission lines in brightest cluster galaxies. <i>Astronomy and Astrophysics</i> , 2010, 518, L46. | 2.1 | 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. | 1.6 | 34 |
| 74 | Comments on the observability of coronal variations. <i>Solar Physics</i> , 1989, 122, 245-261. | 1.0 | 33 |
| 75 | NICMOS Imaging of Molecular Hydrogen Emission in Seyfert Galaxies. <i>Astrophysical Journal</i> , 1999, 527, 696-708. | 1.6 | 33 |
| 76 | Outflow-driven Cavities: Numerical Simulations of Intermediaries of Protostellar Turbulence. <i>Astrophysical Journal</i> , 2006, 653, 416-424. | 1.6 | 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. | 3.0 | 32 |
| 78 | Phase wrapping of epicyclic perturbations in the Wobbly Galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 454, 933-945. | 1.6 | 32 |
| 79 | Torque on an exoplanet from an anisotropic evaporative wind. <i>Monthly Notices of the Royal Astronomical Society</i> , 2015, 452, 1743-1753. | 1.6 | 30 |
| 80 | The Warped Circumstellar Disk of HD 100546. <i>Astrophysical Journal</i> , 2006, 640, 1078-1085. | 1.6 | 29 |
| 81 | Stability boundaries for resonant migrating planet pairs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 440, 1753-1762. | 1.6 | 29 |
| 82 | Multiband Images of the Barred Galaxy NGC 1097. <i>Astronomical Journal</i> , 1995, 110, 156. | 1.9 | 29 |
| 83 | Discovery of a Boxy Peanut-shaped Bulge in the Near-Infrared. <i>Astrophysical Journal</i> , 1997, 481, 179-185. | 1.6 | 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. | 1.9 | 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. | 1.6 | 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. | 1.6 | 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. | 1.6 | 28 |
| 88 | Obliquity evolution of the minor satellites of Pluto and Charon. <i>Icarus</i> , 2017, 293, 94-113. | 1.1 | 27 |
| 89 | A Measurement of the Galactic Plane Mass Density from Binary Pulsar Accelerations. <i>Astrophysical Journal Letters</i> , 2021, 907, L26. | 3.0 | 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. | 1.6 | 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. | 1.6 | 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. | 3.0 | 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. | 1.6 | 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. | 3.0 | 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. | 1.6 | 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. | 1.9 | 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. | 1.6 | 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. | 1.6 | 21 |
| 99 | Synchronized oscillations in swarms of nematode <i>Turbatrix aceti</i> . <i>Soft Matter</i> , 2022, 18, 1174-1182. | 1.2 | 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. | 1.6 | 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. | 0.8 | 19 |
| 102 | The Ionization Source in the Nucleus of M84. <i>Astrophysical Journal</i> , 2000, 534, 189-200. | 1.6 | 18 |
| 103 | QYMSYM: A GPU-accelerated hybrid symplectic integrator that permits close encounters. <i>New Astronomy</i> , 2011, 16, 445-455. | 0.8 | 18 |
| 104 | A Wind-Driven Warping Instability in Accretion Disks. <i>Astrophysical Journal</i> , 2001, 563, 313-318. | 1.6 | 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. | 1.6 | 17 |
| 106 | Optical and Infrared Images of Galaxies: What's to be Learned?. <i>Astrophysics and Space Science Library</i> , 1996, , 65-83. | 1.0 | 17 |
| 107 | Kinematics and Neutral Hydrogen Properties of the Giant Low Surface Brightness Galaxy UGC 2936. <i>Astronomical Journal</i> , 1999, 118, 765-776. | 1.9 | 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. | 1.6 | 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. | 1.1 | 16 |
| 111 | Coma Berenices: The First Evidence for Incomplete Vertical Phase-mixing in Local Velocity Space with RAVEâ€”Confirmed with Gaia DR2. <i>Research Notes of the AAS</i> , 2018, 2, 32. | 0.3 | 16 |
| 112 | Isophotal Structure and Dust Distribution in Radioâ€”loud Elliptical Galaxies. <i>Astrophysical Journal</i> , 2007, 666, 109-121. | 1.6 | 15 |
| 113 | Toward a Direct Measure of the Galactic Acceleration. <i>Astrophysical Journal Letters</i> , 2020, 902, L28. | 3.0 | 15 |
| 114 | M84: A Warp Caused by Jetâ€”induced Pressure Gradients?. <i>Astrophysical Journal</i> , 1999, 522, 718-726. | 1.6 | 14 |
| 115 | Discovery of a 500 Parsec Shell in the Nucleus of Centaurus A. <i>Astrophysical Journal</i> , 2006, 641, L29-L32. | 1.6 | 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. | 1.3 | 14 |
| 117 | The Distribution of Dark Matter in a Ringed Galaxy. <i>Astrophysical Journal</i> , 1997, 487, 603-616. | 1.6 | 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. | 1.1 | 13 |
| 119 | Crustal failure on icy Moons from a strong tidal encounter. <i>Icarus</i> , 2016, 275, 267-280. | 1.1 | 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. | 1.6 | 13 |
| 121 | Excitation of tumbling in Phobos and Deimos. <i>Icarus</i> , 2020, 340, 113641. | 1.1 | 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. | 1.9 | 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. | 1.9 | 12 |
| 124 | Magnetic arms generated by multiple interfering galactic spiral patterns. <i>Monthly Notices of the Royal Astronomical Society</i> , 2014, 437, 562-574. | 1.6 | 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. | 0.5 | 12 |
| 126 | Ricochets on asteroids: Experimental study of low velocity grazing impacts into granular media. <i>Icarus</i> , 2020, 351, 113963. | 1.1 | 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. | 0.8 | 12 |
| 128 | The Dwarf Galaxy NGC 1705-A Highly Composite Stellar Population. <i>Astronomical Journal</i> , 1995, 110, 205. | 1.9 | 12 |
| 129 | The Variability of Seyfert 1.8 and 1.9 Galaxies at 1.6 Microns. <i>Astrophysical Journal</i> , 2000, 532, L17-L20. | 1.6 | 11 |
| 130 | 870 Micron Observations of Nearby 3CRR Radio Galaxies. <i>Astronomical Journal</i> , 2003, 126, 2677-2686. | 1.9 | 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. | 1.6 | 11 |
| 132 | CLUSTERED CEPHEID VARIABLES 90 KILOPARSECS FROM THE GALACTIC CENTER. <i>Astrophysical Journal Letters</i> , 2015, 802, L4. | 3.0 | 11 |
| 133 | Near/far side asymmetry in the tidally heated Moon. <i>Icarus</i> , 2019, 329, 182-196. | 1.1 | 11 |
| 134 | The Warped Nuclear Disk of Radio Galaxy 3C 449. <i>Astrophysical Journal</i> , 2006, 643, 101-111. | 1.6 | 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. | 1.6 | 10 |
| 136 | Non-principal axis rotation in binary asteroid systems and how it weakens the BYORP effect. <i>Icarus</i> , 2022, 374, 114826. | 1.1 | 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. | 1.6 | 9 |
| 138 | MODELING TRANSITING CIRCUMSTELLAR DISKS: CHARACTERIZING THE NEWLY DISCOVERED ECLIPSING DISK SYSTEM OGLE LMC-ECL-11893. <i>Astrophysical Journal</i> , 2014, 797, 6. | 1.6 | 9 |
| 139 | Diffusive low optical depth particle discs truncated by planets. <i>Monthly Notices of the Royal Astronomical Society</i> , 2007, 377, 1287-1294. | 1.6 | 8 |
| 140 | Jeans instability in a tidally disrupted halo satellite galaxy. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 810-822. | 1.6 | 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. | 1.6 | 7 |
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