# Gravitational Instabilities in Circumstellar Disks

Annual Review of Astronomy and Astrophysics
54, 271-311
DOI: 10.1146/annurev-astro-081915-023307

Citation Report

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Spiral arms detected around an infant star. Physics Today, 2016, 69, 22-23. | 0.3 | 1 |
| 2 | Accretion onto Pre-Main-Sequence Stars. Annual Review of Astronomy and Astrophysics, 2016, 54, 135-180. | 8.1 | 391 |
| 3 | A triple protostar system formed via fragmentation of a gravitationally unstable disk. Nature, 2016, 538, 483-486. | 13.7 | 188 |
| 4 | Fragmentation of Kozaiâ€“Lidov Disks. Astrophysical Journal Letters, 2017, 835, L29. | 3.0 | 38 |
| 5 | On the fragmentation boundary in magnetized self-gravitating discs. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3406-3416. | 1.6 | 21 |
| 6 | HOW BRIGHT ARE PLANET-INDUCED SPIRAL ARMS IN SCATTERED LIGHT?. Astrophysical Journal, 2017, 835, 38. | 1.6 | 68 |
| 7 | Planet Formation in AB Aurigae: Imaging of the Inner Gaseous Spirals Observed inside the Dust Cavity. Astrophysical Journal, 2017, 840, 32. | 1.6 | 79 |
| 8 | Time evolution of the water snowline in viscous discs. Monthly Notices of the Royal Astronomical Society, 2017, 467, 2869-2878. | 1.6 | 7 |
| 9 | ALMA Observations of Starless Core Substructure in Ophiuchus. Astrophysical Journal, 2017, 838, 114. | 1.6 | 32 |
| 10 | The effect of radiative feedback on disc fragmentation. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2-18. | 1.6 | 29 |
| 11 | Structure of radiation-dominated gravitoturbulent quasar discs. Monthly Notices of the Royal Astronomical Society, 2017, 464, 4018-4027. | 1.6 | 2 |
| 12 | Slowly-growing gap-opening planets trigger weaker vortices. Monthly Notices of the Royal Astronomical Society, 2017, 466, 3533-3543. | 1.6 | 45 |
| 13 | Protoplanetary disc â€˜isochronesâ€™ and the evolution of discs in the MË™-Md plane. Monthly Notices of the Royal Astronomical Society, 2017, 472, 4700-4706. | 1.6 | 62 |
| 14 | The Fragmentation Criteria in Local Vertically Stratified Self-gravitating Disk Simulations. Astrophysical Journal, 2017, 848, 40. | 1.6 | 42 |
| 15 | Early formation of planetary building blocks inferred from Pb isotopic ages of chondrules. Science Advances, 2017, 3, e1700407. | 4.7 | 174 |
| 16 | Constraints from Dust Mass and Mass Accretion Rate Measurements on Angular Momentum Transport in Protoplanetary Disks. Astrophysical Journal, 2017, 847, 31. | 1.6 | 64 |
| 17 | Mass Transport from the Envelope to the Disk of V346 Nor: A Case Study for the Luminosity Problem in an FUor-type Young Eruptive Star. Astrophysical Journal, 2017, 843, 45. | 1.6 | 20 |
| 18 | A desert of gas giant planets beyond tens of au: from feast to famine. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2387-2409. | 1.6 | 44 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Gravitational instabilities in a protosolar-like disc â€“ II. Continuum emission and mass estimates. Monthly Notices of the Royal Astronomical Society, 2017, 470, 1828-1847. | 1.6 | 12 |
| 20 | Formation and survival of Population III stellar systems. Monthly Notices of the Royal Astronomical Society, 2017, 470, 898-914. | 1.6 | 74 |
| 21 | The Young Substellar Companion ROXs 12 B: Near-infrared Spectrum, System Architecture, and Spinâ€“Orbit Misalignment<sup>*</sup>. Astronomical Journal, 2017, 154, 165. | 1.9 | 45 |
| 22 | Precessing Jet and Large Dust Grains in the V380 Ori NE Star-forming Region. Astrophysical Journal, Supplement Series, 2017, 232, 24. | 3.0 | 11 |
| 23 | In situ accretion of gaseous envelopes on to planetary cores embedded in evolving protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2017, 470, 3206-3219. | 1.6 | 29 |
| 24 | Gravito-turbulence in irradiated protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2017, 469, 561-578. | 1.6 | 11 |
| 25 | Protostellar accretion traced with chemistry. Astronomy and Astrophysics, 2017, 602, A120. | 2.1 | 39 |
| 26 | Changes in the metallicity of gas giant planets due to pebble accretion. Monthly Notices of the Royal Astronomical Society, 2018, 477, 593-615. | 1.6 | 18 |
| 27 | The Complex Morphology of the Young Disk MWC 758: Spirals and Dust Clumps around a Large Cavity. Astrophysical Journal, 2018, 853, 162. | 1.6 | 71 |
| 28 | Evolution and Photoevaporation of Protoplanetary Disks in Clusters: The Role of Pre-stellar Core Properties. Astrophysical Journal, 2018, 853, 22. | 1.6 | 5 |
| 29 | Evidence of an Upper Bound on the Masses of Planets and Its Implications for Giant Planet Formation. Astrophysical Journal, 2018, 853, 37. | 1.6 | 98 |
| 30 | On fragmentation of turbulent self-gravitating discs in the long cooling time regime. Monthly Notices of the Royal Astronomical Society, 2018, 475, 921-931. | 1.6 | 3 |
| 31 | Rings and gaps in the disc around Elias 24 revealed by ALMA. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5296-5312. | 1.6 | 79 |
| 32 | Planetary-like spirals caused by moving shadows in transition discs. Monthly Notices of the Royal Astronomical Society: Letters, 2018, 475, L35-L39. | 1.2 | 44 |
| 33 | A Brief Overview of Planet Formation. , 2018, , 1-19. | | 1 |
| 34 | Formation of Giant Planets. , 2018, , 1-25. | | 2 |
| 35 | Giant Planet Formation and Migration. Space Science Reviews, 2018, 214, 1. | 3.7 | 19 |
| 36 | Spiral Arms in Disks: Planets or Gravitational Instability?. Astrophysical Journal, 2018, 862, 103. | 1.6 | 64 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | ALMA continuum observations of the protoplanetary disk AS 209. Astronomy and Astrophysics, 2018, 610, A24. | 2.1 | 140 |
| 38 | The interplay between the viscosity and EUV radiation on the dispersal of protoplanetary discs. Astrophysics and Space Science, 2018, 363, 1. | 0.5 | 1 |
| 39 | Multiple star systems in the Orion nebula. Astronomy and Astrophysics, 2018, 620, A116. | 2.1 | 23 |
| 40 | Giant planet migration during FU Orionis outbursts: 1D disc models. Monthly Notices of the Royal Astronomical Society, 2018, 478, 3438-3446. | 1.6 | 1 |
| 41 | An Ultra Metal-poor Star Near the Hydrogen-burning Limit*. Astrophysical Journal, 2018, 867, 98. | 1.6 | 30 |
| 42 | A Brief Overview of Planet Formation. , 2018, , 2185-2203. | | 8 |
| 43 | Formation of Giant Planets. , 2018, , 2319-2343. | | 6 |
| 44 | Occurrence Rates from Direct Imaging Surveys. , 2018, , 1967-1983. | | 11 |
| 45 | Circumstellar Discs: What Will Be Next?. , 2018, , 3321-3352. | | 4 |
| 46 | Properties and Occurrence Rates for Kepler Exoplanet Candidates as a Function of Host Star Metallicity from the DR25 Catalog. Astronomical Journal, 2018, 156, 221. | 1.9 | 45 |
| 47 | The Disk Substructures at High Angular Resolution Project (DSHARP). VI. Dust Trapping in Thin-ringed Protoplanetary Disks. Astrophysical Journal Letters, 2018, 869, L46. | 3.0 | 250 |
| 48 | The Disk Substructures at High Angular Resolution Project (DSHARP). III. Spiral Structures in the Millimeter Continuum of the Elias 27, IM Lup, and WaOph 6 Disks. Astrophysical Journal Letters, 2018, 869, L43. | 3.0 | 121 |
| 49 | Gas-assisted Growth of Protoplanets in a Turbulent Medium. Astrophysical Journal, 2018, 861, 74. | 1.6 | 11 |
| 50 | The Maximum Mass Solar Nebula and the early formation of planets. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3273-3278. | 1.6 | 22 |
| 51 | Fragmentation and disk formation during high-mass star formation. Astronomy and Astrophysics, 2018, 617, A100. | 2.1 | 76 |
| 52 | Protoplanetary Disk Sizes and Angular Momentum Transport. Astrophysical Journal, 2018, 864, 168. | 1.6 | 41 |
| 53 | High-resolution Millimeter Imaging of the CI Tau Protoplanetary Disk: A Massive Ensemble of Protoplanets from 0.1 to 100 au. Astrophysical Journal Letters, 2018, 866, L6. | 3.0 | 69 |
| 54 | FIRE-2 simulations: physics versus numerics in galaxy formation. Monthly Notices of the Royal Astronomical Society, 2018, 480, 800-863. | 1.6 | 676 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Core fragmentation and Toomre stability analysis of W3(H<sub>2</sub>O). Astronomy and Astrophysics, 2018, 618, A46. | 2.1 | 38 |
| 56 | Evolution of Circumbinary Protoplanetary Disks with Photoevaporative Winds Driven by External Far-ultraviolet Radiation. Astrophysical Journal, 2018, 867, 41. | 1.6 | 5 |
| 57 | Restrictions on the Growth of Gas Giant Cores via Pebble Accretion. Astrophysical Journal, 2018, 864, 66. | 1.6 | 12 |
| 58 | The Eccentric Cavity, Triple Rings, Two-armed Spirals, and Double Clumps of the MWC 758 Disk. Astrophysical Journal, 2018, 860, 124. | 1.6 | 126 |
| 59 | Decoupling of magnetic fields in collapsing protostellar envelopes and disc formation and fragmentation. Monthly Notices of the Royal Astronomical Society, 2018, 473, 4868-4889. | 1.6 | 88 |
| 60 | On the diversity and statistical properties of protostellar discs. Monthly Notices of the Royal Astronomical Society, 2018, 475, 5618-5658. | 1.6 | 213 |
| 61 | Occurrence Rates from Direct Imaging Surveys. , 2018, , 1-17. | | 0 |
| 62 | Magnetorotational instability and dynamo action in gravito-turbulent astrophysical discs. Monthly Notices of the Royal Astronomical Society, 2018, 474, 2212-2232. | 1.6 | 20 |
| 63 | Towards a population synthesis model of self-gravitating disc fragmentation and tidal downsizing II: the effect of fragmentâ€“fragment interactions. Monthly Notices of the Royal Astronomical Society, 2018, 474, 5036-5048. | 1.6 | 77 |
| 64 | From Large-scale to Protostellar Disk Fragmentation into Close Binary Stars. Astrophysical Journal, 2018, 857, 40. | 1.6 | 10 |
| 65 | Probing Episodic Accretion in Very Low Luminosity Objects. Astrophysical Journal, 2018, 854, 15. | 1.6 | 25 |
| 66 | Evidence for the start of planet formation in a young circumstellar disk. Nature Astronomy, 2018, 2, 646-651. | 4.2 | 74 |
| 67 | Formation of Giant Planets. , 2018, , 1-25. | | 1 |
| 68 | A Decade of MWC 758 Disk Images: Where Are the Spiral-arm-driving Planets?. Astrophysical Journal Letters, 2018, 857, L9. | 3.0 | 22 |
| 69 | Transforming Dust to Planets. Space Science Reviews, 2018, 214, 1. | 3.7 | 12 |
| 70 | Vortex survival in 3D self-gravitating accretion discs. Monthly Notices of the Royal Astronomical Society, 2018, 478, 575-591. | 1.6 | 12 |
| 71 | The Envelope Kinematics and a Possible Disk around the Class 0 Protostar within BHR7. Astrophysical Journal, 2018, 856, 164. | 1.6 | 10 |
| 72 | The route to massive black hole formation via merger-driven direct collapse: a review. Reports on Progress in Physics, 2019, 82, 016901. | 8.1 | 55 |

| # | Article | IF | Citations |
|---|---|---|---|
| 73 | Nonaxisymmetric instabilities and star-disk coupling I. Moderate mass disks. Astrophysics and Space Science, 2019, 364, 1. | 0.5 | 0 |
| 74 | Super-Eddington Accretion Disks around Supermassive Black Holes. Astrophysical Journal, 2019, 880, 67. | 1.6 | 128 |
| 76 | Constraining the initial planetary population in the gravitational instability model. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4873-4889. | 1.6 | 12 |
| 77 | Heavy Metal Rules. I. Exoplanet Incidence and Metallicity. Geosciences (Switzerland), 2019, 9, 105. | 1.0 | 51 |
| 78 | Thermal Infrared Imaging of MWC 758 with the Large Binocular Telescope: Planetary-driven Spiral Arms?. Astrophysical Journal, 2019, 882, 20. | 1.6 | 23 |
| 79 | The Observability of Vortex-driven Spiral Arms in Protoplanetary Disks: Basic Spiral Properties. Astrophysical Journal Letters, 2019, 883, L39. | 3.0 | 17 |
| 80 | The Concentration and Growth of Solids in Fragmenting Circumstellar Disks. Astrophysical Journal, 2019, 881, 162. | 1.6 | 13 |
| 81 | Chronology of Episodic Accretion in Protostarsâ€"An ALMA Survey of the CO and H<sub>2</sub>O Snowlines. Astrophysical Journal, 2019, 884, 149. | 1.6 | 47 |
| 82 | On the origin of wide-orbit ALMA planets: giant protoplanets disrupted by their cores. Monthly Notices of the Royal Astronomical Society, 2019, 489, 5187-5201. | 1.6 | 9 |
| 83 | Time-dependent evolution of the protoplanetary discs with magnetic winds. Monthly Notices of the Royal Astronomical Society, 2019, 488, 4623-4637. | 1.6 | 5 |
| 84 | Angular momentum transport in accretion disks: a hydrodynamical perspective. EAS Publications Series, 2019, 82, 391-413. | 0.3 | 16 |
| 85 | Forming Pop III binaries in self-gravitating discs: how to keep the orbital angular momentum. Monthly Notices of the Royal Astronomical Society, 2019, 488, 2658-2672. | 1.6 | 25 |
| 86 | A giant exoplanet orbiting a very-low-mass star challenges planet formation models. Science, 2019, 365, 1441-1445. | 6.0 | 78 |
| 87 | Gravitoturbulent dynamos in astrophysical discs. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3989-4008. | 1.6 | 19 |
| 88 | Giant planets and brown dwarfs on wide orbits: a code comparison project. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4398-4413. | 1.6 | 17 |
| 89 | The Gemini Planet Imager Exoplanet Survey: Giant Planet and Brown Dwarf Demographics from 10 to 100 au. Astronomical Journal, 2019, 158, 13. | 1.9 | 270 |
| 90 | A dust and gas cavity in the disc around CQ Tau revealed by ALMA. Monthly Notices of the Royal Astronomical Society, 2019, 486, 4638-4654. | 1.6 | 33 |
| 91 | The Temporal Requirements of Directly Observing Self-gravitating Spiral Waves in Protoplanetary Disks with ALMA. Astrophysical Journal, 2019, 871, 228. | 1.6 | 24 |

| # | Article | IF | Citations |
|---|---|---|---|
| 92 | A Fast Poisson Solver of Second-order Accuracy for Isolated Systems in Three-dimensional Cartesian and Cylindrical Coordinates. Astrophysical Journal, Supplement Series, 2019, 241, 24. | 3.0 | 11 |
| 93 | Diagnosing the Clumpy Protoplanetary Disk of the UXor Type Young Star GM Cephei. Astrophysical Journal, 2019, 871, 183. | 1.6 | 7 |
| 94 | The Close Binary Fraction of Solar-type Stars Is Strongly Anticorrelated with Metallicity. Astrophysical Journal, 2019, 875, 61. | 1.6 | 140 |
| 95 | A 3D hydrodynamics study of gravitational instabilities in a young circumbinary disc. Monthly Notices of the Royal Astronomical Society, 2019, 483, 2347-2361. | 1.6 | 4 |
| 96 | Growth and Settling of Dust Particles in Protoplanetary Nebulae: Implications for Opacity, Thermal Profile, and Gravitational Instability. Astrophysical Journal, 2019, 874, 26. | 1.6 | 12 |
| 97 | A Hypothesis for the Rapid Formation of Planets. Astrophysical Journal Letters, 2019, 874, L34. | 3.0 | 22 |
| 98 | Dusty spirals triggered by shadows in transition discs. Astronomy and Astrophysics, 2019, 622, A43. | 2.1 | 11 |
| 99 | Flybys in protoplanetary discs: I. Gas and dust dynamics. Monthly Notices of the Royal Astronomical Society, 2019, 483, 4114-4139. | 1.6 | 85 |
| 100 | Non-linear outcome of gravitational instability in an irradiated protoplanetary disc. Monthly Notices of the Royal Astronomical Society, 2019, 485, 266-285. | 1.6 | 23 |
| 101 | Super-Earths in the TWÂHya disc. Monthly Notices of the Royal Astronomical Society: Letters, 2019, 484, L130-L135. | 1.2 | 16 |
| 102 | Structure of a Protobinary System: An Asymmetric Circumbinary Disk and Spiral Arms. Astrophysical Journal, 2019, 871, 36. | 1.6 | 21 |
| 103 | Precise radial velocities of giant stars. Astronomy and Astrophysics, 2019, 624, A18. | 2.1 | 13 |
| 104 | On the episodic excursions of massive protostars in the Hertzsprungâ€“Russell diagram. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2482-2498. | 1.6 | 17 |
| 105 | Ring structure in the MWC 480 disk revealed by ALMA. Astronomy and Astrophysics, 2019, 622, A75. | 2.1 | 55 |
| 106 | Is the ring inside or outside the planet?: the effect of planet migration on dust rings. Monthly Notices of the Royal Astronomical Society, 2019, 482, 3678-3695. | 1.6 | 36 |
| 107 | Physical Processes in Protoplanetary Disks. Saas-Fee Advanced Course, 2019, , 1-150. | 1.1 | 24 |
| 108 | Misaligned accretion disc formation via Kozaiâ€“Lidov oscillations. Monthly Notices of the Royal Astronomical Society, 2019, 485, 315-325. | 1.6 | 33 |
| 109 | The Role of Magnetic Fields in Protostellar Outflows and Star Formation. Frontiers in Astronomy and Space Sciences, 2019, 6, . | 1.1 | 53 |

| # | Article | IF | Citations |
|---|---|---|---|
| 110 | Jupiter formed as a pebble pile around the N<sub>2</sub> ice line. Astronomy and Astrophysics, 2019, 632, L11. | 2.1 | 48 |
| 111 | Gravitoviscous protoplanetary disks with a dust component. Astronomy and Astrophysics, 2019, 631, A1. | 2.1 | 16 |
| 112 | Self-gravitating disks in binary systems: an SPH approach. Astronomy and Astrophysics, 2019, 628, A82. | 2.1 | 2 |
| 113 | ALMA study of the HD 100453 AB system and the tidal interaction of the companion with the disk. Astronomy and Astrophysics, 2019, 624, A33. | 2.1 | 31 |
| 114 | Greening of the brown-dwarf desert. Astronomy and Astrophysics, 2019, 628, A64. | 2.1 | 19 |
| 115 | Highly Embedded 8 Î¼m cores of Star Formation in the Spiral Arms and Filaments of 15 Nearby Disk Galaxies. Astrophysical Journal, Supplement Series, 2019, 245, 14. | 3.0 | 13 |
| 116 | The statistical properties of stars and their dependence on metallicity. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2341-2361. | 1.6 | 64 |
| 117 | The viscous evolution of circumstellar discs in young star clusters. Monthly Notices of the Royal Astronomical Society, 2019, 482, 732-742. | 1.6 | 17 |
| 118 | Study of the structure of the inflow/outflow region in the self-gravitating standard accretion disks. New Astronomy, 2020, 81, 101426. | 0.8 | 0 |
| 119 | Gravitoviscous protoplanetary discs with a dust component â€“ IV. Disc outer edges, spectral indices, and opacity gaps. Monthly Notices of the Royal Astronomical Society, 2020, 499, 5578-5597. | 1.6 | 10 |
| 120 | Observations of Protoplanetary Disk Structures. Annual Review of Astronomy and Astrophysics, 2020, 58, 483-528. | 8.1 | 220 |
| 121 | Peter Pan discs: finding Neverlandâ€™s parameters. Monthly Notices of the Royal Astronomical Society: Letters, 2020, 496, L111-L115. | 1.2 | 11 |
| 122 | The close binary fraction as a function of stellar parameters in APOGEE: a strong anticorrelation with Î± abundances. Monthly Notices of the Royal Astronomical Society, 2020, 499, 1607-1626. | 1.6 | 34 |
| 123 | Massive discs around low-mass stars. Monthly Notices of the Royal Astronomical Society, 2020, 494, 4130-4148. | 1.6 | 26 |
| 124 | The Physics of Star Cluster Formation and Evolution. Space Science Reviews, 2020, 216, 1. | 3.7 | 65 |
| 125 | Highlights of exoplanetary science from Spitzer. Nature Astronomy, 2020, 4, 453-466. | 4.2 | 16 |
| 126 | TOI-503: The First Known Brown-dwarf Am-star Binary from the TESS Mission*. Astronomical Journal, 2020, 159, 151. | 1.9 | 29 |
| 127 | The Origin of the Stellar Mass Distribution and Multiplicity. Space Science Reviews, 2020, 216, 1. | 3.7 | 29 |

| # | Article | IF | Citations |
|---|---|---|---|
| 128 | Planet formation by pebble accretion in ringed disks. Astronomy and Astrophysics, 2020, 638, A1. | 2.1 | 49 |
| 129 | The Planetary Luminosity Problem: â€œMissing Planetsâ€•and the Observational Consequences of Episodic Accretion. Astrophysical Journal, 2020, 895, 48. | 1.6 | 29 |
| 130 | Planet formation around M dwarfs via disc instability. Astronomy and Astrophysics, 2020, 633, A116. | 2.1 | 35 |
| 131 | Obliquity Constraints on an Extrasolar Planetary-mass Companion. Astronomical Journal, 2020, 159, 181. | 1.9 | 37 |
| 132 | Structure of the self-gravitating accretion discs in the presence of outflow. Monthly Notices of the Royal Astronomical Society, 2020, 496, 434-441. | 1.6 | 0 |
| 133 | Setting the Stage: Planet Formation and Volatile Delivery. Space Science Reviews, 2020, 216, 1. | 3.7 | 24 |
| 134 | Gravitoviscous protoplanetary disks with a dust component. Astronomy and Astrophysics, 2020, 637, A5. | 2.1 | 20 |
| 135 | Formation of close binaries by disc fragmentation and migration, and its statistical modelling. Monthly Notices of the Royal Astronomical Society, 2020, 491, 5158-5171. | 1.6 | 74 |
| 136 | The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. II. A Statistical Characterization of Class 0 and Class I Protostellar Disks. Astrophysical Journal, 2020, 890, 130. | 1.6 | 170 |
| 137 | Do the TRAPPIST-1 Planets Have Hydrogen-rich Atmospheres?. Astrophysical Journal, 2020, 889, 77. | 1.6 | 24 |
| 138 | Observations of Planetary Systems. , 2020, , 1-48. | | 0 |
| 139 | Terrestrial Planet Formation. , 2020, , 181-219. | | 0 |
| 141 | Protoplanetary Disk Structure. , 2020, , 49-85. | | 0 |
| 142 | Protoplanetary Disk Evolution. , 2020, , 86-140. | | 0 |
| 143 | Planetesimal Formation. , 2020, , 141-180. | | 0 |
| 144 | Giant Planet Formation. , 2020, , 220-246. | | 0 |
| 145 | Early Evolution of Planetary Systems. , 2020, , 247-300. | | 0 |
| 150 | Shadowing and multiple rings in the protoplanetary disk of HD 139614. Astronomy and Astrophysics, 2020, 635, A121. | 2.1 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 151 | Effects of dust-charge gradient and polarization forces on the waves and Jeans instability in strongly coupled dusty plasma. Physics Letters, Section A: General, Atomic and Solid State Physics, 2020, 384, 126462. | 0.9 | 16 |
| 152 | The paradox of youth for ALMA planet candidates. Monthly Notices of the Royal Astronomical Society, 2020, 493, 2910-2925. | 1.6 | 5 |
| 153 | Constraining planet formation around 6â€“8 MâŠ™ stars. Monthly Notices of the Royal Astronomical Society, 2020, 493, 765-775. | 1.6 | 12 |
| 154 | Global Simulations of Self-gravitating Magnetized Protoplanetary Disks. Astrophysical Journal, 2020, 891, 154. | 1.6 | 24 |
| 155 | Kinematic Analysis of a Protostellar Multiple System: Measuring the Protostar Masses and Assessing Gravitational Instability in the Disks of L1448 IRS3B and L1448 IRS3A. Astrophysical Journal Letters, 2021, 907, L10. | 3.0 | 13 |
| 156 | Spiral Arm Pattern Motion in the SAO 206462 Protoplanetary Disk. Astrophysical Journal Letters, 2021, 906, L9. | 3.0 | 16 |
| 157 | The influence of infall on the properties of protoplanetary discs. Astronomy and Astrophysics, 2021, 645, A43. | 2.1 | 18 |
| 158 | Comparison of Gaia and Hipparcos parallaxes of close visual binary stars and the impact on determinations of their masses. Publications of the Astronomical Society of Australia, 2021, 38, . | 1.3 | 12 |
| 159 | Kozaiâ€“Lidov oscillations triggered by a tilt instability of detached circumplanetary discs. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4426-4434. | 1.6 | 3 |
| 160 | Searching for wide-orbit gravitational instability protoplanets with ALMA in the dust continuum. Monthly Notices of the Royal Astronomical Society, 2021, 502, 953-968. | 1.6 | 4 |
| 161 | History of the solar nebula from meteorite paleomagnetism. Science Advances, 2021, 7, . | 4.7 | 39 |
| 162 | Formation and evolution of protostellar accretion discs â€“ I.ÂAngular-momentum budget, gravitational self-regulation, and numerical convergence. Monthly Notices of the Royal Astronomical Society, 2021, 502, 4911-4929. | 1.6 | 21 |
| 163 | A faint companion around CrA-9: protoplanet or obscured binary?. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6117-6139. | 1.6 | 11 |
| 164 | A two-step gravitational cascade for the fragmentation of self-gravitating discs. Monthly Notices of the Royal Astronomical Society, 2021, 503, 4192-4207. | 1.6 | 10 |
| 165 | Ring Formation in Protoplanetary Disks Driven by an Eccentric Instability. Astrophysical Journal, 2021, 910, 79. | 1.6 | 3 |
| 166 | Stellar Evolution in AGN Disks. Astrophysical Journal, 2021, 910, 94. | 1.6 | 66 |
| 167 | Eruptive Behavior of Magnetically Layered Protoplanetary Disks in Low-metallicity Environments. Astrophysical Journal, 2021, 909, 31. | 1.6 | 4 |
| 168 | The asymmetric inner disk of the Herbig Ae star HD 163296 in the eyes of VLTI/MATISSE: evidence for a vortex?. Astronomy and Astrophysics, 2021, 647, A56. | 2.1 | 22 |

| # | Article | IF | Citations |
|---|---|---|---|
| 169 | Particle Dynamics in 3D Self-gravitating Disks. I. Spirals. Astrophysical Journal, 2021, 909, 135. | 1.6 | 10 |
| 170 | Discovery of a directly imaged planet to the young solar analog YSES 2. Astronomy and Astrophysics, 2021, 648, A73. | 2.1 | 25 |
| 171 | A highly non-Keplerian protoplanetary disc. Astronomy and Astrophysics, 2021, 648, A19. | 2.1 | 23 |
| 172 | Linear Stability Analysis of a Magnetic Rotating Disk with Ohmic Dissipation and Ambipolar Diffusion. Astrophysical Journal, 2021, 910, 163. | 1.6 | 6 |
| 173 | Growth of Massive Disks and Early Disk Fragmentation in Primordial Star Formation. Astrophysical Journal, 2021, 911, 52. | 1.6 | 12 |
| 174 | Gravitoviscous Protoplanetary Disks with a Dust Component. V. The Dynamic Model for Freeze-out and Sublimation of Volatiles. Astrophysical Journal, 2021, 910, 153. | 1.6 | 9 |
| 175 | Survival of ALMA rings in the absence of pressure maxima. Monthly Notices of the Royal Astronomical Society, 2021, 505, 1162-1179. | 1.6 | 15 |
| 176 | STARFORGE: Towards a comprehensive numerical model of star cluster formation and feedback. Monthly Notices of the Royal Astronomical Society, 2021, 506, 2199-2231. | 1.6 | 73 |
| 177 | An upper limit for the growth of inner planets?. Monthly Notices of the Royal Astronomical Society, 2021, 505, 869-888. | 1.6 | 3 |
| 178 | Spiral structures in gravito-turbulent gaseous disks. Astronomy and Astrophysics, 2021, 650, A49. | 2.1 | 11 |
| 179 | Spiral Arms and a Massive Dust Disk with Non-Keplerian Kinematics: Possible Evidence for Gravitational Instability in the Disk of Elias 2â€“27. Astrophysical Journal, 2021, 914, 88. | 1.6 | 38 |
| 180 | A Dynamical Measurement of the Disk Mass in Elias 2â€“27. Astrophysical Journal Letters, 2021, 914, L27. | 3.0 | 29 |
| 181 | Collapse of turbulent massive cores with ambipolar diffusion and hybrid radiative transfer. Astronomy and Astrophysics, 2021, 652, A69. | 2.1 | 22 |
| 182 | On the secular evolution of the ratio between gas and dust radii in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2021, 507, 818-833. | 1.6 | 27 |
| 183 | Evolution of the Water Snow Line in Magnetically Accreting Protoplanetary Disks. Astrophysical Journal, 2021, 916, 72. | 1.6 | 15 |
| 184 | A multiwavelength analysis of the spiral arms in the protoplanetary disk around WaOph 6. Astronomy and Astrophysics, 2021, 654, A35. | 2.1 | 8 |
| 185 | ALMA 870 Î¼m continuum observations of HD 100546. Astronomy and Astrophysics, 2021, 651, A90. | 2.1 | 20 |
| 186 | Primordial obliquities of brown dwarfs and super-Jupiters from fragmenting gravito-turbulent discs. Monthly Notices of the Royal Astronomical Society, 2021, 507, 5187-5194. | 1.6 | 12 |

| # | Article | IF | Citations |
|---|---|---|---|
| 187 | Large Adaptive Optics Survey for Substellar Objects around Young, Nearby, Low-mass Stars with Robo-AO. Astronomical Journal, 2021, 162, 102. | 1.9 | 10 |
| 188 | Disk fragmentation in high-mass star formation. Astronomy and Astrophysics, 2021, 655, A84. | 2.1 | 13 |
| 189 | The young protostellar disc in IRAS 16293â˜2422 B is hot and shows signatures of gravitational instability. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2583-2599. | 1.6 | 12 |
| 190 | Formation of ring-like structures in flared Î±-discs with X-ray/FUV photoevaporation. Monthly Notices of the Royal Astronomical Society, 2021, 508, 950-965. | 1.6 | 0 |
| 191 | Massive Compact Disks around FU Orionisâ€“type Young Eruptive Stars Revealed by ALMA. Astrophysical Journal, Supplement Series, 2021, 256, 30. | 3.0 | 23 |
| 192 | Formation and evolution of protostellar accretion discs â€“ II. From 3D simulation to a simple semi-analytic model of Class 0/I discs. Monthly Notices of the Royal Astronomical Society, 2021, 508, 2142-2168. | 1.6 | 23 |
| 193 | Gravitational fragmentation of extremely metal-poor circumstellar discs. Monthly Notices of the Royal Astronomical Society, 2021, 508, 4767-4785. | 1.6 | 6 |
| 194 | Circumstellar Discs: What Will Be Next?. , 2017, , 1-32. | | 2 |
| 195 | Constraints from Planets in Binaries. Astrophysics and Space Science Library, 2017, , 315-337. | 1.0 | 3 |
| 196 | Particle Trapping in Protoplanetary Disks: Models vs. Observations. Astrophysics and Space Science Library, 2017, , 91-142. | 1.0 | 11 |
| 197 | Zooming in on Individual Star Formation: Low- and High-Mass Stars. Space Science Reviews, 2020, 216, 1. | 3.7 | 33 |
| 199 | The impact of numerical oversteepening on the fragmentation boundary in self-gravitating disks. Astronomy and Astrophysics, 2017, 606, A70. | 2.1 | 9 |
| 200 | Missing water in Class I protostellar disks. Astronomy and Astrophysics, 2020, 636, A26. | 2.1 | 18 |
| 201 | ALMA chemical survey of disk-outflow sources in Taurus (ALMA-DOT). Astronomy and Astrophysics, 2020, 636, A65. | 2.1 | 19 |
| 202 | Dust masses of young disks: constraining the initial solid reservoir for planet formation. Astronomy and Astrophysics, 2020, 640, A19. | 2.1 | 114 |
| 203 | X-shooter survey of disk accretion in Upper Scorpius. Astronomy and Astrophysics, 2020, 639, A58. | 2.1 | 46 |
| 204 | Annular substructures in the transition disks around LkCa 15 and J1610. Astronomy and Astrophysics, 2020, 639, A121. | 2.1 | 36 |
| 205 | Disk Evolution Study Through Imaging of Nearby Young Stars (DESTINYS): A close low-mass companion to ET Cha. Astronomy and Astrophysics, 2020, 642, A119. | 2.1 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 206 | Orbital features of distant trans-Neptunian objects induced by giant gaseous clumps. Astronomy and Astrophysics, 2020, 642, L20. | 2.1 | 2 |
| 207 | Accretion bursts in magnetized gas-dust protoplanetary disks. Astronomy and Astrophysics, 2020, 644, A74. | 2.1 | 17 |
| 208 | Fragmentation favoured in discs around higher mass stars. Monthly Notices of the Royal Astronomical Society, 2020, 492, 5041-5051. | 1.6 | 14 |
| 209 | Inferring (sub)millimetre dust opacities and temperature structure in edge-on protostellar discs from resolved multiwavelength continuum observations: the case of the HH 212 disc. Monthly Notices of the Royal Astronomical Society, 2020, 501, 1316-1335. | 1.6 | 17 |
| 210 | First Images of the Protoplanetary Disk around PDS 201. Astronomical Journal, 2020, 159, 252. | 1.9 | 8 |
| 211 | High-resolution Near-infrared Polarimetry and Submillimeter Imaging of FS Tau A: Possible Streamers in Misaligned Circumbinary Disk System. Astrophysical Journal, 2020, 889, 140. | 1.6 | 3 |
| 212 | Temperature Structures of Embedded Disks: Young Disks in Taurus Are Warm. Astrophysical Journal, 2020, 901, 166. | 1.6 | 49 |
| 213 | Young Faithful: The Eruptions of EC 53 as It Cycles through Filling and Draining the Inner Disk. Astrophysical Journal, 2020, 903, 5. | 1.6 | 21 |
| 214 | Constraining the Chemical Signatures and the Outburst Mechanism of the Class 0 Protostar HOPS 383. Astrophysical Journal, 2020, 904, 78. | 1.6 | 6 |
| 215 | The VLA/ALMA Nascent Disk and Multiplicity (VANDAM) Survey of Orion Protostars. IV. Unveiling the Embedded Intermediate-Mass Protostar and Disk within OMC2-FIR3/HOPS-370. Astrophysical Journal, 2020, 905, 162. | 1.6 | 13 |
| 216 | A Dust Trap in the Young Multiple System HD 34700. Astrophysical Journal, 2020, 905, 120. | 1.6 | 5 |
| 217 | Global Spiral Density Wave Modes in Protoplanetary Disks: Morphology of Spiral Arms. Astrophysical Journal, 2021, 906, 19. | 1.6 | 5 |
| 218 | Dynamical Evidence of a Spiral Armâ€“driving Planet in the MWC 758 Protoplanetary Disk. Astrophysical Journal Letters, 2020, 898, L38. | 3.0 | 24 |
| 219 | Formation of Mass Gap Objects in Highly Asymmetric Mergers. Astrophysical Journal Letters, 2020, 899, L15. | 3.0 | 31 |
| 220 | Orbital parameters of the hierarchical triplet system CN Lyn. Monthly Notices of the Royal Astronomical Society, 2021, 508, 6111-6117. | 1.6 | 3 |
| 221 | GRB variabilities and following gravitational waves induced by gravitational instability in NDAFs. Monthly Notices of the Royal Astronomical Society, 2021, 508, 6068-6076. | 1.6 | 2 |
| 222 | Investigating Protoplanetary Disk Cooling through Kinematics: Analytical GI Wiggle. Astrophysical Journal Letters, 2021, 920, L41. | 3.0 | 8 |
| 223 | The <sup>12</sup>CO/<sup>13</sup>CO isotopologue ratio of a young, isolated brown dwarf. Astronomy and Astrophysics, 2021, 656, A76. | 2.1 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 224 | ALMA observations of the Extended Green Object G19.01â^'0.03 â€“ I. A Keplerian disc in a massive protostellar system. Monthly Notices of the Royal Astronomical Society, 2021, 509, 748-762. | 1.6 | 12 |
| 225 | Giant Planet Formation and Migration. Space Sciences Series of ISSI, 2018, , 255-289. | 0.0 | 0 |
| 226 | Numerical study of toroidal magnetic field on the self-gravitating protoplanetary disks. International Journal of Modern Physics D, 2020, 29, 2050067. | 0.9 | 1 |
| 227 | Saturation mechanism and generated viscosity in gravito-turbulent accretion disks. Astronomy and Astrophysics, 2020, 640, A53. | 2.1 | 2 |
| 228 | Dust dynamics in planet-driven spirals. Astronomy and Astrophysics, 2020, 643, A92. | 2.1 | 6 |
| 229 | Pairing function of visual binary stars. Monthly Notices of the Royal Astronomical Society, 2020, 501, 769-783. | 1.6 | 4 |
| 230 | Secular evolution of MHD wind-driven discs: analytical solutions in the expanded Î±-framework. Monthly Notices of the Royal Astronomical Society, 2022, 512, 2290-2309. | 1.6 | 35 |
| 231 | A multi-planetary system orbiting the early-M dwarf TOI-1238. Astronomy and Astrophysics, 2022, 658, A138. | 2.1 | 7 |
| 232 | An Eccentric Brown Dwarf Eclipsing an M dwarf. Astronomical Journal, 2022, 163, 89. | 1.9 | 8 |
| 233 | The vertical shear instability in poorly ionized, magnetized protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2022, 511, 1182-1200. | 1.6 | 7 |
| 234 | The VLA/ALMA Nascent Disk And Multiplicity (VANDAM) Survey of Orion Protostars. V. A Characterization of Protostellar Multiplicity. Astrophysical Journal, 2022, 925, 39. | 1.6 | 19 |
| 235 | Efficiently Imaging Accreting Protoplanets from Space: Reference Star Differential Imaging of the PDS 70 Planetary System Using the HST/WFC3 Archival PSF Library. Astronomical Journal, 2022, 163, 119. | 1.9 | 9 |
| 236 | Small-scale sectorial perturbation modes against the background of a pulsating model of disk-like self-gravitating systems. Open Astronomy, 2022, 31, 92-98. | 0.2 | 1 |
| 237 | A large population study of protoplanetary disks. Astronomy and Astrophysics, 2022, 661, A66. | 2.1 | 14 |
| 238 | The Family of V1311 Ori: a Young Sextuple System or a Minicluster?. Astronomical Journal, 2022, 163, 127. | 1.9 | 2 |
| 239 | A 16 au Binary in the Class 0 Protostar L1157 MMS. Astrophysical Journal, 2022, 928, 61. | 1.6 | 5 |
| 240 | Can Stellar-mass Black Hole Growth Disrupt Disks of Active Galactic Nuclei? The Role of Mechanical Feedback. Astrophysical Journal, 2022, 927, 41. | 1.6 | 23 |
| 241 | Magnetic Spirals in Accretion Flows Originated from Misaligned Magnetic Fields. Astrophysical Journal, 2022, 928, 85. | 1.6 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 242 | The CARMENES search for exoplanets around M dwarfs. Astronomy and Astrophysics, 2022, 663, A48. | 2.1 | 12 |
| 243 | Rapid Growth of Seed Black Holes during Early Bulge Formation. Astrophysical Journal, 2022, 927, 237. | 1.6 | 16 |
| 244 | Constraining protoplanetary disc mass using the GI wiggle. Monthly Notices of the Royal Astronomical Society, 2021, 510, 1671-1679. | 1.6 | 9 |
| 245 | Giant planet imaged orbiting two massive stars. Nature, 2021, 600, 227-228. | 13.7 | 0 |
| 246 | Combined dynamo of gravitational and magneto-rotational instability in irradiated accretion discs. Astronomy and Astrophysics, 2022, 663, A176. | 2.1 | 3 |
| 247 | The Physical Properties of the SVS 13 Protobinary System: Two Circumstellar Disks and a Spiraling Circumbinary Disk in the Making. Astrophysical Journal, 2022, 930, 91. | 1.6 | 13 |
| 248 | Calibrated gas accretion and orbital migration of protoplanets in 1D disc models. Astronomy and Astrophysics, 0, , . | 2.1 | 1 |
| 249 | Modelling the secular evolution of protoplanetary disc dust sizes â€“ a comparison between the viscous and magnetic wind case. Monthly Notices of the Royal Astronomical Society, 2022, 514, 1088-1106. | 1.6 | 6 |
| 250 | A semi-analytical model for the temporal evolution of the episodic disc-to-star accretion rate during star formation. Monthly Notices of the Royal Astronomical Society, 2022, 514, 5659-5672. | 1.6 | 2 |
| 251 | Gravitoturbulent dynamo in global simulations of gaseous disks. Astronomy and Astrophysics, 2022, 663, A138. | 2.1 | 4 |
| 252 | A giant planet shaping the disk around the very low-mass star CIDA 1. Astronomy and Astrophysics, 2022, 665, A25. | 2.1 | 6 |
| 253 | H2O MegaMaser emission in NGC 4258 indicative of a periodic disc instability. Nature Astronomy, 2022, 6, 976-983. | 4.2 | 7 |
| 254 | Centrifugal barrier and super-Keplerian rotation in protostellar disc formation. Monthly Notices of the Royal Astronomical Society, 2022, 517, 213-221. | 1.6 | 2 |
| 255 | Direct Formation of Planetary Embryos in Self-gravitating Disks. Astrophysical Journal, 2022, 933, 100. | 1.6 | 9 |
| 256 | Kinematic Evidence for an Embedded Planet in the IM Lupi Disk. Astrophysical Journal Letters, 2022, 934, L11. | 3.0 | 9 |
| 257 | A VLA View of the Flared, Asymmetric Disk around the Class 0 Protostar L1527 IRS. Astrophysical Journal, 2022, 934, 95. | 1.6 | 14 |
| 258 | Distributions of gas and small and large grains in the LkHÎ± 330 disk trace a young planetary system,. Astronomy and Astrophysics, 2022, 665, A128. | 2.1 | 3 |
| 259 | Spiral arms in broad-line regions of active galactic nuclei. Astronomy and Astrophysics, 2022, 666, A86. | 2.1 | 5 |

| # | Article | IF | Citations |
|---|---|---|---|
| 260 | Protostellar-disc fragmentation across all metallicities. Monthly Notices of the Royal Astronomical Society, 2022, 515, 5506-5522. | 1.6 | 6 |
| 261 | Formation of Dust Clumps with Sub-Jupiter Mass and Cold Shadowed Region in Gravitationally Unstable Disk around Class 0/I Protostar in L1527 IRS. Astrophysical Journal, 2022, 934, 163. | 1.6 | 14 |
| 262 | Testing a New Model of Embedded Protostellar Disks against Observations: The Majority of Orion Class 0/I Disks Are Likely Warm, Massive, and Gravitationally Unstable. Astrophysical Journal, 2022, 934, 156. | 1.6 | 12 |
| 263 | An analytical solution to measure the gas size in protoplanetary discs in the viscous self-similar scenario. Monthly Notices of the Royal Astronomical Society: Letters, 2022, 518, L69-L74. | 1.2 | 5 |
| 264 | Episodic accretion and mergers during growth of massive protostars. Monthly Notices of the Royal Astronomical Society, 2022, 518, 791-809. | 1.6 | 6 |
| 265 | Dynamical mass measurements of two protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2022, 518, 4481-4493. | 1.6 | 9 |
| 266 | Effects of the environment on the multiplicity properties of stars in the STARFORGE simulations. Monthly Notices of the Royal Astronomical Society, 2022, 518, 4693-4712. | 1.6 | 5 |
| 267 | Turbulent Transport of Dust Particles in Protostellar Disks: The Effect of Upstream Diffusion. Astrophysical Journal, 2022, 940, 117. | 1.6 | 4 |
| 268 | The link between infall location, early disc size, and the fraction of self-gravitationally fragmenting discs. Astronomy and Astrophysics, 2023, 669, A31. | 2.1 | 2 |
| 269 | Local gravitational instability of stratified rotating fluids: three-dimensional criteria for gaseous discs. Monthly Notices of the Royal Astronomical Society, 2022, 518, 5154-5162. | 1.6 | 0 |
| 270 | Dust Hot Spots at 10 au Scales around the Class 0 Binary IRAS 16293â€“2422 A: A Departure from the Passive Irradiation Model. Astrophysical Journal Letters, 2022, 941, L23. | 3.0 | 7 |
| 271 | The role of the drag force in the gravitational stability of dusty planet forming disc â€“ I. Analytical theory. Monthly Notices of the Royal Astronomical Society, 2022, 519, 2017-2029. | 1.6 | 4 |
| 272 | Kinematics and brightness temperatures of transition discs. Astronomy and Astrophysics, 2023, 670, A154. | 2.1 | 13 |
| 273 | Formation of pebbles in (gravito-)viscous protoplanetary disks with various turbulent strengths. Astronomy and Astrophysics, 2023, 670, A81. | 2.1 | 3 |
| 274 | The impact of the initial core temperature on protostellar disc fragmentation. Monthly Notices of the Royal Astronomical Society, 0, , . | 1.6 | 0 |
| 275 | Evolution of the reservoirs of volatiles in the protosolar nebula. Astronomy and Astrophysics, 2023, 670, A28. | 2.1 | 4 |
| 276 | The McDonald Accelerating Stars Survey: Architecture of the Ancient Five-planet Host System Kepler-444. Astronomical Journal, 2023, 165, 73. | 1.9 | 6 |
| 277 | Gravito-turbulence in local disk simulations with an adaptive moving mesh. Monthly Notices of the Royal Astronomical Society, 0, , . | 1.6 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 278 | Streamers feeding the SVS13-A protobinary system: astrochemistry reveals accretion shocks?. Faraday Discussions, 0, 245, 164-180. | 1.6 | 1 |
| 279 | Long-term Protoplanetary Disk Evolution from Molecular Cloud Core Collapse and Implications for Planet Formation. II. Strong Disk Self-gravity. Astrophysical Journal, 2023, 944, 32. | 1.6 | 2 |
| 280 | 300: An ACA 870 Î¼m Continuum Survey of Orion Protostars and Their Evolution. Astrophysical Journal, 2023, 944, 49. | 1.6 | 4 |
| 281 | The Mass Accretion Rate and Stellar Properties in Class I Protostars. Astrophysical Journal, 2023, 944, 135. | 1.6 | 9 |
| 282 | Disk fragmentation around a massive protostar: Comparison of two 3D codes. Astronomy and Astrophysics, 2023, 672, A88. | 2.1 | 2 |
| 283 | A Keplerian disk with a four-arm spiral birthing an episodically accreting high-mass protostar. Nature Astronomy, 2023, 7, 557-568. | 4.2 | 7 |
| 284 | Kinematics signature of a giant planet in the disk of AS 209. Astronomy and Astrophysics, 2023, 672, A125. | 2.1 | 2 |
| 285 | The Disc Miner. Astronomy and Astrophysics, 2023, 674, A113. | 2.1 | 5 |
| 292 | Observations of planet forming disks in multiple stellar systems. European Physical Journal Plus, 2023, 138, . | 1.2 | 3 |
| 322 | Accretion Discs in Astrophysics. , 2024, , 473-495. | | 0 |