

A powerful local shear instability in weakly magnetized Nonlinear evolution

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Citation Report

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1842	<i>Astrophysics with Extraterrestrial Materials. Annual Review of Astronomy and Astrophysics</i> , 2016, 54, 53-93.	8.1	133
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1869	THE INFLUENCE OF OUTFLOW IN SUPERCRITICAL ACCRETION FLOWS. <i>Astrophysical Journal</i> , 2016, 823, 92.	1.6	4
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1889	Black Hole Spin: Theory and Observation. <i>Astrophysics and Space Science Library</i> , 2016, , 99-151.	1.0	28
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1908	Numerical relativity simulations of thick accretion disks around tilted Kerr black holes. <i>Physical Review D</i> , 2016, 93, .	1.6	22
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1915	Challenges in planet formation. <i>Journal of Geophysical Research E: Planets</i> , 2016, 121, 1962-1980.	1.5	127
1916	Massive Computation for Understanding Core-Collapse Supernova Explosions. <i>Computing in Science and Engineering</i> , 2016, 18, 78-92.	1.2	3
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1921	Dwarf nova outbursts with magnetorotational turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 3710-3726.	1.6	37
1922	On the survival of zombie vortices in protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 4549-4554.	1.6	35
1923	SPIRAL STRUCTURE AND DIFFERENTIAL DUST SIZE DISTRIBUTION IN THE LkH $\hat{=}$ 330 DISK. <i>Astronomical Journal</i> , 2016, 152, 222.	1.9	27
1924	Numerical simulations of the Princeton magnetorotational instability experiment with conducting axial boundaries. <i>Physical Review E</i> , 2016, 94, 063107.	0.8	43
1925	The effects of different forms of viscosities on the formation of (pre-)transitional discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 462, 323-330.	1.6	4
1926	GAS GIANT PLANET FORMATION IN THE PHOTOEVAPORATING DISK. I. GAP FORMATION. <i>Astrophysical Journal</i> , 2016, 826, 168.	1.6	24
1927	The Gas Disk: Evolution and Chemistry. <i>Space Science Reviews</i> , 2016, 205, 3-40.	3.7	5
1928	A possible influence on standard model of quasars and active galactic nuclei in strong magnetic field. <i>Astrophysics and Space Science</i> , 2016, 361, 1.	0.5	5
1929	Generalised quasilinear approximation of the helical magnetorotational instability. <i>Journal of Plasma Physics</i> , 2016, 82, .	0.7	10
1930	PARSEC-SCALE ACCRETION AND WINDS IRRADIATED BY A QUASAR. <i>Astrophysical Journal</i> , 2016, 819, 115.	1.6	32
1931	The stressâ€“pressure relationship in simulations of MRI-induced turbulence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 526-539.	1.6	12
1932	The effect of large-scale magnetic field on outflow in ADAFs: an odd symmetry configuration. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 455, 3381-3392.	1.6	18
1933	Termination of the magnetorotational instability via parasitic instabilities in core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3782-3802.	1.6	37
1934	Interpreting the radio/X-ray correlation of black hole X-ray binaries based on the accretionâ€“jet model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 4377-4383.	1.6	31
1935	Accretion disc dynamo activity in local simulations spanning weak-to-strong net vertical magnetic flux regimes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 857-874.	1.6	96
1936	A â€“high-hardâ€“ outburst of the black hole X-ray binary GS 1354â€“64. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 942-955.	1.6	21
1937	Gravitoturbulence in magnetized protostellar discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2223-2237.	1.6	34

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1938	On the maximum magnetic field amplification by the magnetorotational instability in core-collapse supernovae. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3316-3334.	1.6	46
1939	Effects of anisotropic thermal conduction on wind properties in hot accretion flow. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 746-753.	1.6	13
1940	The inner cavity of the circumnuclear disc. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1721-1736.	1.6	16
1941	The effects of a magnetic field on planetary migration in laminar and turbulent discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 3482-3497.	1.6	26
1942	The convective stability of fully stratified baroclinic discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 560-568.	1.6	2
1943	A heuristic model for MRI turbulent stresses in Hall MHD. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 478-488.	1.6	9
1944	RINGED SUBSTRUCTURE AND A GAP AT 1 au IN THE NEAREST PROTOPLANETARY DISK. <i>Astrophysical Journal Letters</i> , 2016, 820, L40.	3.0	418
1945	Co-current toroidal rotation-driven and turbulent stresses with resonant magnetic perturbations in the edge plasmas of the J-TEXT tokamak. <i>Nuclear Fusion</i> , 2016, 56, 076005.	1.6	8
1946	Strongly magnetized accretion discs require poloidal flux. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 3488-3493.	1.6	26
1947	Disc polarization from both emission and scattering of magnetically aligned grains: the case of NGC 1333 IRAS4A1. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 4109-4121.	1.6	44
1948	Dust dynamics in 2D gravito-turbulent discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 982-998.	1.6	38
1949	Radially dependent large-scale dynamos in global cylindrical shear flows and the local cartesian limit. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 459, 1422-1431.	1.6	9
1950	Giant planet formation in radially structured protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 460, 2779-2795.	1.6	78
1951	Three-dimensional simulations of supercritical black hole accretion discs – luminosities, photon trapping and variability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 456, 3929-3947.	1.6	132
1952	Profiled spectral lines generated by Keplerian discs orbiting in the Bardeen and Ayñ²n-Beatoñ²Garcñ-a spacetimes. <i>Classical and Quantum Gravity</i> , 2016, 33, 085004.	1.5	20
1954	Rossby wave instability and long-term evolution of dead zones in protoplanetary discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1944-1957.	1.6	16
1955	2D condensation model for the inner Solar Nebula: an enstatite-rich environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1359-1370.	1.6	21
1956	The radiative zone of the Sun and the tachocline: stability of baroclinic patterns of differential rotation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2016, 457, 1711-1721.	1.6	8

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1958	VERTICAL STRUCTURE OF MAGNETIZED ACCRETION DISKS AROUND YOUNG STARS. Astrophysical Journal, 2016, 817, 35.	1.6	7
1959	Circumstellar disks of the most vigorously accreting young stars. Science Advances, 2016, 2, e1500875.	4.7	70
1960	MAGNETO-THERMAL DISK WINDS FROM PROTOPLANETARY DISKS. Astrophysical Journal, 2016, 818, 152.	1.6	157
1961	THE EVOLUTION AND IMPACTS OF MAGNETOROTATIONAL INSTABILITY IN MAGNETIZED CORE-COLLAPSE SUPERNOVAE. Astrophysical Journal, 2016, 817, 153.	1.6	32
1962	IMAGING AN EVENT HORIZON: MITIGATION OF SOURCE VARIABILITY OF SAGITTARIUS A*. Astrophysical Journal, 2016, 817, 173.	1.6	51
1963	Phase slip solutions in magnetically modulated Taylor-Couette flow. Acta Mechanica, 2016, 227, 311-319.	1.1	0
1964	Evolution of accretion discs around a kerr black hole using extended magnetohydrodynamics. Monthly Notices of the Royal Astronomical Society, 2016, 456, 1332-1345.	1.6	46
1965	On the convective overstability in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2016, 455, 2608-2618.	1.6	31
1966	Noise reduction of ultrasonic Doppler velocimetry in liquid metal experiments with high magnetic fields. Flow Measurement and Instrumentation, 2016, 48, 74-80.	1.0	4
1967	Merger of a white dwarf-neutron star binary to 10 ²⁹ carat diamonds: origin of the pulsar planets. Monthly Notices of the Royal Astronomical Society, 2017, 465, 2790-2803.	1.6	44
1968	The impact of stellar feedback on the density and velocity structure of the interstellar medium. Monthly Notices of the Royal Astronomical Society, 2017, 466, 1093-1110.	1.6	57
1969	United theory of planet formation (i): Tandem regime. New Astronomy, 2017, 54, 7-23.	0.8	28
1970	Hall Effect-Mediated Magnetic Flux Transport in Protoplanetary Disks. Astrophysical Journal, 2017, 836, 46.	1.6	68
1971	Linear instability in Rayleigh-stable Taylor-Couette flow. Physical Review E, 2017, 95, 021102.	0.8	12
1972	Energy partition, scale by scale, in magnetic Archimedes Coriolis weak wave turbulence. Physical Review E, 2017, 95, 023112.	0.8	6
1973	An Analytic Criterion for Turbulent Disruption of Planetary Resonances. Astronomical Journal, 2017, 153, 120.	1.9	53
1974	Magnetorotational dynamo chimeras. Astronomy and Astrophysics, 2017, 598, A87.	2.1	17

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1976	Turbulent-diffusion Mediated CO Depletion in Weakly Turbulent Protoplanetary Disks. <i>Astrophysical Journal</i> , 2017, 835, 162.	1.6	31
1977	Global simulations of protoplanetary disks with net magnetic flux. <i>Astronomy and Astrophysics</i> , 2017, 600, A75.	2.1	167
1978	Radiative Grain Alignment in Protoplanetary Disks: Implications for Polarimetric Observations. <i>Astrophysical Journal</i> , 2017, 839, 56.	1.6	96
1979	Hystereses in dwarf nova outbursts and low-mass X-ray binaries. <i>Astronomy and Astrophysics</i> , 2017, 600, A95.	2.1	12
1980	Driving large magnetic Reynolds number flow in highly ionized, unmagnetized plasmas. <i>Physics of Plasmas</i> , 2017, 24, 056502.	0.7	7
1981	The ability of a protostellar disc to fragment and the properties of molecular cloud cores. <i>Astrophysics and Space Science</i> , 2017, 362, 1.	0.5	2
1982	Magnetic fields in non-convective regions of stars. <i>Royal Society Open Science</i> , 2017, 4, 160271.	1.1	57
1983	rHARM: ACCRETION AND EJECTION IN RESISTIVE GR-MHD. <i>Astrophysical Journal</i> , 2017, 834, 29.	1.6	28
1984	The Weakly Nonlinear Magnetorotational Instability in a Global, Cylindrical Taylor-Couette Flow. <i>Astrophysical Journal</i> , 2017, 841, 2.	1.6	8
1985	Resolution Dependence of Magnetorotational Turbulence in the Isothermal Stratified Shearing Box. <i>Astrophysical Journal</i> , 2017, 840, 6.	1.6	33
1986	Making Terrestrial Planets: High Temperatures, FU Orionis Outbursts, Earth, and Planetary System Architectures. <i>Astrophysical Journal Letters</i> , 2017, 840, L5.	3.0	32
1987	Accretion disk coronae of intermediate polar cataclysmic variables. <i>Astronomy and Astrophysics</i> , 2017, 600, A105.	2.1	6
1988	Time evolution of the water snowline in viscous discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 2869-2878.	1.6	7
1989	The Weakly Nonlinear Magnetorotational Instability in a Local Geometry. <i>Astrophysical Journal</i> , 2017, 841, 1.	1.6	16
1990	Nuclear Spiral Shocks and Induced Gas Inflows in Weak Oval Potentials. <i>Astrophysical Journal Letters</i> , 2017, 841, L4.	3.0	16
1991	Global MHD Simulations of Accretion Disks in Cataclysmic Variables (CVs). II. The Relative Importance of MRI and Spiral Shocks. <i>Astrophysical Journal</i> , 2017, 841, 29.	1.6	21
1992	Universal small-scale structure in turbulence driven by magnetorotational instability. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 3620-3627.	1.6	11

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1994	Large-scale magnetic field in the accretion discs of young stars: the influence of magnetic diffusion, buoyancy and Hall effect. Monthly Notices of the Royal Astronomical Society, 2017, 464, 586-598.	1.6	12
1995	CSI 2264: Simultaneous optical and X-ray variability in pre-main sequence stars. Astronomy and Astrophysics, 2017, 602, A10.	2.1	14
1996	The black hole accretion code. Computational Astrophysics and Cosmology, 2017, 4, .	22.7	154
1997	An Analytical Model for the Evolution of the Protoplanetary Disks. Astrophysical Journal, 2017, 841, 99.	1.6	0
1998	Experimental study of magnetized plasma rotation in crossed fields. Plasma Physics Reports, 2017, 43, 533-541.	0.3	2
1999	Parsec-scale Obscuring Accretion Disk with Large-Scale Magnetic Field in AGNs. Astrophysical Journal, 2017, 842, 43.	1.6	17
2000	Stratified Simulations of Collisionless Accretion Disks. Astrophysical Journal, 2017, 842, 36.	1.6	5
2001	On the Measurements of Numerical Viscosity and Resistivity in Eulerian MHD Codes. Astrophysical Journal, Supplement Series, 2017, 230, 18.	3.0	25
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2003	Dynamics of Porous Dust Aggregates and Gravitational Instability of Their Disk. Astrophysical Journal, 2017, 842, 61.	1.6	8
2004	Binary neutron star mergers: a review of Einstein's richest laboratory. Reports on Progress in Physics, 2017, 80, 096901.	8.1	358
2005	Study of MRI in stratified viscous plasma configuration. Europhysics Letters, 2017, 117, 49001.	0.7	3
2006	Orbital Evolution of Moons in Weakly Accreting Circumplanetary Disks. Astronomical Journal, 2017, 153, 194.	1.9	41
2007	MHD Equilibria and Stability. , 0, , 221-280.		0
2008	Protoplanetary Disks as (Possibly) Viscous Disks. Astrophysical Journal, 2017, 837, 163.	1.6	62
2009	General-relativistic Large-eddy Simulations of Binary Neutron Star Mergers. Astrophysical Journal Letters, 2017, 838, L2.	3.0	110
2010	The formation of diffusive staircases. Journal of Fluid Mechanics, 2017, 812, 1-4.	1.4	10

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2013	Analytic construction of baroclinic tori by nonlinear summation. Astronomische Nachrichten, 2017, 338, 799-806.	0.6	1
2014	The Fragmentation Criteria in Local Vertically Stratified Self-gravitating Disk Simulations. Astrophysical Journal, 2017, 848, 40.	1.6	42
2015	A Vorticity-preserving Hydrodynamical Scheme for Modeling Accretion Disk Flows. Astrophysical Journal, 2017, 848, 54.	1.6	6
2016	The self-electric field effect on the MRI instability of magnetized rotational flows: Cylindrical model. Europhysics Letters, 2017, 119, 39001.	0.7	0
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2018	Dynamo Action in a Quasi-Keplerian Taylor-Couette Flow. Physical Review Letters, 2017, 119, 164501.	2.9	19
2019	Magnetic field gradient effects on the magnetorotational instability. Astronomische Nachrichten, 2017, 338, 740-747.	0.6	2
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2022	Ejection of Chondrules from Fluffy Matrices. Astrophysical Journal, 2017, 846, 118.	1.6	8
2023	Electromagnetically driven flow of electrolyte in a thin annular layer: axisymmetric solutions. Journal of Fluid Mechanics, 2017, 828, 573-600.	1.4	9
2024	Mesoscale electric fluctuations interacting with zonal flows, magnetic fluctuations and turbulence. Nuclear Fusion, 2017, 57, 076036.	1.6	3
2025	Evolution of an accretion disc in binary black hole systems. Monthly Notices of the Royal Astronomical Society, 2017, 465, 4406-4413.	1.6	23
2026	Revised conditions for MRI due to isorotation theorem. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 2017, 769, 328-332.	1.5	3
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2028	Planet-disc interaction in laminar and turbulent discs. Astronomy and Astrophysics, 2017, 604, A28.	2.1	10

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2030	How does an asymmetric magnetic field change the vertical structure of a hot accretion flow?. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2018-2033.	1.6	11
2031	The Radiative Efficiency and Spectra of Slowly Accreting Black Holes from Two-temperature GRRMHD Simulations. Astrophysical Journal Letters, 2017, 844, L24.	3.0	56
2032	Centrifugally driven winds from protostellar accretion discs – I. Formulation and initial results. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1488-1505.	1.6	12
2033	The ionizing effect of low-energy cosmic rays from a class II object on its protoplanetary disc. Monthly Notices of the Royal Astronomical Society, 2017, 472, 26-38.	1.6	45
2034	General relativistic magnetohydrodynamic simulations of binary neutron star mergers forming a long-lived neutron star. Physical Review D, 2017, 95, .	1.6	136
2035	Modelling the Transition Layer of an Accretion Disk with a Burgers Vortex. Astrophysics, 2017, 60, 228-241.	0.1	0
2036	3D Radiation Nonideal Magnetohydrodynamical Simulations of the Inner Rim in Protoplanetary Disks. Astrophysical Journal, 2017, 835, 230.	1.6	67
2037	Spatial Variations of Turbulent Properties of Neutral Hydrogen Gas in the Small Magellanic Cloud Using Structure-function Analysis. Astrophysical Journal, 2017, 845, 53.	1.6	13
2038	Rotational properties of hypermassive neutron stars from binary mergers. Physical Review D, 2017, 96, .	1.6	122
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2043	Temporal-spatial structures of plasmas flows and turbulence around tearing mode islands in the edge tokamak plasmas. Nuclear Fusion, 2017, 57, 126006.	1.6	14
2044	The dispersal of planet-forming discs: theory confronts observations. Royal Society Open Science, 2017, 4, 170114.	1.1	214
2045	General-relativistic Simulations of Four States of Accretion onto Millisecond Pulsars. Astrophysical Journal Letters, 2017, 851, L34.	3.0	50
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2048	Convergence of the Critical Cooling Rate for Protoplanetary Disk Fragmentation Achieved: The Key Role of Numerical Dissipation of Angular Momentum. <i>Astrophysical Journal</i> , 2017, 847, 43.	1.6	56
2049	Constraints from Dust Mass and Mass Accretion Rate Measurements on Angular Momentum Transport in Protoplanetary Disks. <i>Astrophysical Journal</i> , 2017, 847, 31.	1.6	64
2050	Modifying the Standard Disk Model for the Ultraviolet Spectral Analysis of Disk-dominated Cataclysmic Variables. I. The Novalikes MV Lyrae, BZ Camelopardalis, and V592 Cassiopeiae. <i>Astrophysical Journal</i> , 2017, 846, 52.	1.6	20
2051	Instabilities of an annulus flow between rotating cylinders in a helical magnetic field. <i>Physical Review E</i> , 2017, 96, 053101.	0.8	0
2052	Magnetized Kelvin-Helmholtz instability: theory and simulations in the Earth's magnetosphere context. <i>Journal of Plasma Physics</i> , 2017, 83, .	0.7	49
2053	Magnetically assisted explosions of weakly magnetized stars. <i>Proceedings of the International Astronomical Union</i> , 2017, 12, 125-130.	0.0	0
2054	REPRODUCING THE CORRELATIONS OF TYPE C LOW-FREQUENCY QUASI-PERIODIC OSCILLATION PARAMETERS IN XTE J1550-564 WITH A SPIRAL STRUCTURE. <i>Astrophysical Journal</i> , 2017, 834, 188.	1.6	4
2055	MRI turbulence and thermal instability in accretion discs. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 468, 2401-2415.	1.6	13
2056	When is high Reynolds number shear flow not turbulent?. <i>Journal of Fluid Mechanics</i> , 2017, 824, 1-4.	1.4	16
2057	A Three-dimensional View of Turbulence: Constraints on Turbulent Motions in the HD 163296 Protoplanetary Disk Using DCO ⁺ . <i>Astrophysical Journal</i> , 2017, 843, 150.	1.6	208
2058	Geometrically Thick Obscuration by Radiation-driven Outflow from Magnetized Tori of Active Galactic Nuclei. <i>Astrophysical Journal</i> , 2017, 843, 58.	1.6	35
2059	Photoevaporating transitional discs and molecular cloud cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 466, 1205-1212.	1.6	4
2060	On the decay of strong magnetization in global disc simulations with toroidal fields. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 467, 1838-1843.	1.6	24
2061	The Dynamics of Truncated Black Hole Accretion Disks. I. Viscous Hydrodynamic Case. <i>Astrophysical Journal</i> , 2017, 843, 80.	1.6	6
2062	Spectra of black hole accretion models of ultraluminous X-ray sources. <i>Monthly Notices of the Royal Astronomical Society</i> , 2017, 469, 2997-3014.	1.6	65
2063	Ionization of protoplanetary disks by galactic cosmic rays, solar protons, and supernova remnants. <i>Geoscience Frontiers</i> , 2017, 8, 247-252.	4.3	6
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2066	The role of angular momentum transport in establishing the accretion rateâ€“protostellar mass correlation. New Astronomy, 2017, 51, 113-121.	0.8	5
2067	Rotating magnetic field effect on an onset of convection in a horizontal layer of conducting fluid. European Journal of Mechanics, B/Fluids, 2017, 61, 16-24.	1.2	2
2068	Tandem planet formation for solar system-like planetary systems. Geoscience Frontiers, 2017, 8, 223-231.	4.3	7
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2071	Pressure-anisotropy-induced nonlinearities in the kinetic magnetorotational instability. Journal of Plasma Physics, 2017, 83, .	0.7	14
2072	The snowline in the protoplanetary disk and extrasolar planets. Research in Astronomy and Astrophysics, 2017, 17, 078.	0.7	1
2073	Composition of early planetary atmospheres â€“ II. Coupled Dust and chemical evolution in protoplanetary discs. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3910-3927.	1.6	38
2074	Is there a propeller neutron star in Î³-Cas?. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1502-1509.	1.6	13
2075	Magnetorotational dynamo action in the shearing box. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2653-2658.	1.6	11
2076	3D radiative transfer of intrinsically polarized dust emission based on aligned aspherical grains. Monthly Notices of the Royal Astronomical Society, 2017, 469, 2869-2878.	1.6	15
2077	The role of disc self-gravity in circumbinary planet systems â€“ II. Planet evolution. Monthly Notices of the Royal Astronomical Society, 2017, 469, 4504-4522.	1.6	35
2078	Simulations of the magnetospheres of accreting millisecond pulsars. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3656-3669.	1.6	39
2079	Analog rotating black holes in a magnetohydrodynamic inflow. Physical Review D, 2017, 95, .	1.6	1
2080	Scattering-produced (sub)millimetre polarization in inclined discs: optical depth effects, nearâ€“far side asymmetry and dust settling. Monthly Notices of the Royal Astronomical Society, 2017, 472, 373-388.	1.6	66
2081	Some consequences of shear on galactic dynamos with helicity fluxes. Monthly Notices of the Royal Astronomical Society, 2017, 469, 1466-1475.	1.6	4
2082	Magnetorotational instability in neutron star mergers: impact of neutrinos. Monthly Notices of the Royal Astronomical Society, 2017, 471, 1879-1887.	1.6	26

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2084	Radiation Hydrodynamical Turbulence in Protoplanetary Disks: Numerical Models and Observational Constraints. Astrophysical Journal, 2017, 850, 131.	1.6	95
2085	Ultrahigh-energy cosmic rays from tidally-ignited white dwarfs. Physical Review D, 2017, 96, .	1.6	17
2086	On the inverse transfer of (non-)helical magnetic energy in a decaying magnetohydrodynamic turbulence. Monthly Notices of the Royal Astronomical Society, 2017, 472, 1628-1640.	1.6	9
2087	Pebble Accretion in Turbulent Protoplanetary Disks. Astrophysical Journal, 2017, 847, 52.	1.6	51
2088	Accretion Disk Assembly During Common Envelope Evolution: Implications for Feedback and LIGO Binary Black Hole Formation. Astrophysical Journal, 2017, 845, 173.	1.6	44
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