

Shahram Abbassi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	The effects of vertical self-gravity on neutrino-dominated accretion disks: A magnetized case. , 2022, , .		0
2	Gravitational instability of non-isothermal filamentary molecular clouds in presence of external pressure. Monthly Notices of the Royal Astronomical Society, 2021, 502, 6188-6200.	4.4	4
3	Does Modified Gravity Predict Fast Stellar Bars in Spiral Galaxies?. Astrophysical Journal, 2020, 895, 13.	4.5	6
4	Viscous Evolution of Magnetized Clumps: A Source for X-Ray Flares in Gamma-Ray Bursts. Astrophysical Journal, 2020, 888, 64.	4.5	2
5	Accretion flows with comparable radiation and gas pressures. Monthly Notices of the Royal Astronomical Society, 2019, 484, 2915-2923.	4.4	3
6	Thermal Instability of Thin Accretion Disks in the Presence of Wind and a Toroidal Magnetic Field. Astrophysical Journal, 2019, 887, 256.	4.5	3
7	The Effects of Toroidal Magnetic Field on the Vertical Structure of Hot Accretion Flows. Astrophysical Journal, 2018, 852, 124.	4.5	9
8	Gravitational instability of filamentary molecular clouds, including ambipolar diffusion; non-isothermal filament. Monthly Notices of the Royal Astronomical Society, 2018, 475, 2632-2641.	4.4	7
9	Fourier Analysis of Advection-dominated Accretion Flows. Astrophysical Journal, 2018, 862, 70.	4.5	0
10	Post-Newtonian Jeans Analysis. Astrophysical Journal, 2017, 839, 75.	4.5	17
11	Anchoring Polar Magnetic Field in a Stationary Thick Accretion Disk. Astrophysical Journal, 2017, 845, 142.	4.5	1
12	The Kelvinâ€Helmholtz instability in the Orion nebula: the effect of radiation pressure. Monthly Notices of the Royal Astronomical Society, 2017, 470, 2559-2565.	4.4	2
13	Self-gravity in Magnetized Neutrino-dominated Accretion Disks. Astrophysical Journal, 2017, 845, 64.	4.5	2
14	Exact analytical solutions for ADAFs. Monthly Notices of the Royal Astronomical Society, 2017, 464, 5028-5032.	4.4	6
15	The influence of large-scale magnetic field in the structure of supercritical accretion flow with outflow. Monthly Notices of the Royal Astronomical Society, 2017, 469, 3307-3314.	4.4	5
16	Gravitational instability of filamentary molecular clouds, including ambipolar diffusion. Monthly Notices of the Royal Astronomical Society, 2017, 465, 1645-1653.	4.4	13
17	ON THE GRAVITATIONAL STABILITY OF THE MACLAURIN DISK. Astrophysical Journal, 2016, 832, 201.	4.5	6
18	THE INFLUENCE OF OUTFLOW IN SUPERCRITICAL ACCRETION FLOWS. Astrophysical Journal, 2016, 823, 92.	4.5	4

#	ARTICLE	IF	CITATIONS
19	The effect of large-scale magnetic field on outflow in ADAFs: an odd symmetry configuration. Monthly Notices of the Royal Astronomical Society, 2016, 455, 3381-3392.	4.4	18
20	Hydrodynamical wind on vertically self-gravitating ADAFs in the presence of toroidal magnetic field. Monthly Notices of the Royal Astronomical Society, 2016, 456, 71-77.	4.4	15
21	VERTICAL STRUCTURE OF ADVECTION-DOMINATED ACCRETION FLOWS. Astrophysical Journal, 2015, 809, 54.	4.5	6
22	ON THE STABILITY OF A GALACTIC DISK IN MODIFIED GRAVITY. Astrophysical Journal, 2015, 802, 9.	4.5	24
23	Local stability of self-gravitating disks in $f(R)$ gravity. Astrophysics and Space Science, 2015, 358, 1.	1.4	7
24	Jeans analysis in modified gravity. Physical Review D, 2014, 90, .	4.7	38
25	Dynamics of clumps embedded in a hot accretion flow with toroidal magnetic field. Monthly Notices of the Royal Astronomical Society, 2014, 439, 2468-2473.	4.4	6
26	VISCOUS ACCRETION OF A POLYTROPIC SELF-GRAVITATING DISK IN THE PRESENCE OF WIND. Astrophysical Journal, 2013, 765, 96.	4.5	10
27	Self-gravitational collapse of polytropic mass-losing gaseous discs: effects of outer boundary condition dictated by parent cloud. Proceedings of the International Astronomical Union, 2012, 8, 285-286.	0.0	0
28	Viscous-resistive ADAF with a general large-scale magnetic field. Astrophysics and Space Science, 2012, 341, 375-381.	1.4	6
29	Self-similar solutions of viscous-resistive advection-dominated accretion flows with poloidal magnetic fields. Monthly Notices of the Royal Astronomical Society, 2007, 381, 159-170.	4.4	21