

John F Hawley

List of Publications by Year in descending order

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12
papers

6,430
citations

933447

10
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

2949
citing authors

#	ARTICLE	IF	CITATIONS
1	A powerful local shear instability in weakly magnetized disks. I - Linear analysis. II - Nonlinear evolution. <i>Astrophysical Journal</i> , 1991, 376, 214.	4.5	3,498
2	Instability, turbulence, and enhanced transport in accretion disks. <i>Reviews of Modern Physics</i> , 1998, 70, 1-53.	45.6	2,085
3	ASSESSING QUANTITATIVE RESULTS IN ACCRETION SIMULATIONS: FROM LOCAL TO GLOBAL. <i>Astrophysical Journal</i> , 2011, 738, 84.	4.5	178
4	A powerful local shear instability in weakly magnetized disks. III - Long-term evolution in a shearing sheet. IV - Nonaxisymmetric perturbations. <i>Astrophysical Journal</i> , 1992, 400, 595.	4.5	170
5	DEPENDENCE OF INNER ACCRETION DISK STRESS ON PARAMETERS: THE SCHWARZSCHILD CASE. <i>Astrophysical Journal</i> , 2010, 711, 959-973.	4.5	153
6	MOCCT: A numerical technique for astrophysical MHD. <i>Computer Physics Communications</i> , 1995, 89, 127-148.	7.5	139
7	TESTING CONVERGENCE FOR GLOBAL ACCRETION DISKS. <i>Astrophysical Journal</i> , 2013, 772, 102.	4.5	101
8	MAGNETOHYDRODYNAMIC SIMULATION OF A DISK SUBJECTED TO LENSE-THIRING PRECESSION. <i>Astrophysical Journal</i> , 2013, 777, 21.	4.5	42
9	RELAXATION OF WARPED DISKS: THE CASE OF PURE HYDRODYNAMICS. <i>Astrophysical Journal</i> , 2013, 768, 133.	4.5	31
10	A STEADY-STATE ALIGNMENT FRONT IN AN ACCRETION DISK SUBJECTED TO LENSE-THIRING TORQUES. <i>Astrophysical Journal</i> , 2015, 806, 141.	4.5	15
11	Sound Speed Dependence of Alignment in Accretion Disks Subjected to Lense-Thirring Torques. <i>Astrophysical Journal</i> , 2018, 866, 5.	4.5	10
12	Tilt Dependence of Alignment in Accretion Disks Subjected to Lense-Thirring Torques. <i>Astrophysical Journal</i> , 2019, 878, 149.	4.5	8