

P J Bushby

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4641718/publications.pdf>

Version: 2024-02-01

28
papers

610
citations

567281

15
h-index

580821

25
g-index

28
all docs

28
docs citations

28
times ranked

714
citing authors

#	ARTICLE	IF	CITATIONS
19	Mesogranulation and small-scale dynamo action in the quiet Sun. <i>Astronomy and Astrophysics</i> , 2014, 562, A72.	5.1	14
20	Oscillatory convection and limitations of the Boussinesq approximation. <i>Journal of Fluid Mechanics</i> , 2016, 803, 502-515.	3.4	10
21	Observational Consequences of Shallow-water Magnetohydrodynamics on Hot Jupiters. <i>Astrophysical Journal Letters</i> , 2021, 916, L8.	8.3	10
22	Estimating the Rate of Field Line Braiding in the Solar Corona by Photospheric Flows. <i>Astrophysical Journal</i> , 2018, 864, 157.	4.5	9
23	Magnetic fields in the solar photosphere. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 4465-4476.	3.4	5
24	Asymptotic solutions for mean-field slab dynamos. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2014, 108, 568-583.	1.2	5
25	Topological data analysis and diagnostics of compressible magnetohydrodynamic turbulence. <i>Journal of Plasma Physics</i> , 2018, 84, .	2.1	5
26	Statistical Topology and the Random Interstellar Medium. <i>Journal of the American Statistical Association</i> , 2020, 115, 625-635.	3.1	5
27	Subcritical dynamos in rapidly rotating planar convection. <i>Physical Review Fluids</i> , 2020, 5, .	2.5	4
28	The influence of stratification upon small-scale convectively-driven dynamos. <i>Proceedings of the International Astronomical Union</i> , 2010, 6, 197-204.	0.0	2