

P J Bushby

List of Publications by Year in descending order

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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	On the problem of large-scale magnetic field generation in rotating compressible convection. <i>Journal of Fluid Mechanics</i> , 2013, 723, 529-555.	3.4	22
21	Small-scale dynamo action in rotating compressible convection. <i>Journal of Fluid Mechanics</i> , 2012, 690, 262-287.	3.4	19
22	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
23	Convective intensification of magnetic fields in the quiet Sun. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 387, 698-706.	4.4	26
24	Magnetic fields in the solar photosphere. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 4465-4476.	3.4	5
25	On Predicting the Solar Cycle Using Mean-Field Models. <i>Astrophysical Journal</i> , 2007, 661, 1289-1296.	4.5	86
26	Zonal flows and grand minima in a solar dynamo model. <i>Monthly Notices of the Royal Astronomical Society</i> , 2006, 371, 772-780.	4.4	59
27	Spatially intermittent fields in photospheric magnetoconvection. <i>Monthly Notices of the Royal Astronomical Society</i> , 2005, 362, 313-320.	4.4	20
28	Modelling dynamos in rapidly rotating late-type stars. <i>Monthly Notices of the Royal Astronomical Society</i> , 2003, 342, L15-L19.	4.4	15