

# John V Shebalin

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

960  
citations

933447

10  
h-index

888059

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

503  
citing authors

#	ARTICLE	IF	CITATIONS
1	Anisotropy in MHD turbulence due to a mean magnetic field. <i>Journal of Plasma Physics</i> , 1983, 29, 525-547.	2.1	755
2	Broken ergodicity and coherent structure in homogeneous turbulence. <i>Physica D: Nonlinear Phenomena</i> , 1989, 37, 173-191.	2.8	42
3	Broken symmetry in ideal magnetohydrodynamic turbulence. <i>Physics of Plasmas</i> , 1994, 1, 541-547.	1.9	25
4	Ideal homogeneous magnetohydrodynamic turbulence in the presence of rotation and a mean magnetic field. <i>Journal of Plasma Physics</i> , 2006, 72, 507.	2.1	24
5	Broken ergodicity in magnetohydrodynamic turbulence. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2013, 107, 411-466.	1.2	18
6	Broken symmetries and magnetic dynamos. <i>Physics of Plasmas</i> , 2007, 14, 102301.	1.9	17
7	Plasma relaxation and the turbulent dynamo. <i>Physics of Plasmas</i> , 2009, 16, .	1.9	14
8	Broken ergodicity, magnetic helicity, and the MHD dynamo. <i>Geophysical and Astrophysical Fluid Dynamics</i> , 2013, 107, 353-375.	1.2	13
9	The homogeneous turbulent dynamo. <i>Physics of Plasmas</i> , 2008, 15, 022305.	1.9	11
10	Broken ergodicity in two-dimensional homogeneous magnetohydrodynamic turbulence. <i>Physics of Plasmas</i> , 2010, 17, .	1.9	10
11	Magnetohydrodynamic turbulence and the geodynamo. <i>Physics of the Earth and Planetary Interiors</i> , 2018, 285, 59-75.	1.9	7
12	Magnetic Helicity and the Geodynamo. <i>Fluids</i> , 2021, 6, 99.	1.7	7
13	Global invariants in ideal magnetohydrodynamic turbulence. <i>Physics of Plasmas</i> , 2013, 20, 102305.	1.9	5
14	Dynamo action in dissipative, forced, rotating MHD turbulence. <i>Physics of Plasmas</i> , 2016, 23, 062318.	1.9	5
15	Inertial Waves in a Rotating Spherical Shell with Homogeneous Boundary Conditions. <i>Fluids</i> , 2022, 7, 10.	1.7	3
16	Magnetic Helicity and the Solar Dynamo. <i>Entropy</i> , 2019, 21, 811.	2.2	2
17	Mantle Electrical Conductivity and the Magnetic Field at the Core–Mantle Boundary. <i>Fluids</i> , 2021, 6, 403.	1.7	2