

David Wagenknecht

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

70
citations

1478505

6
h-index

1588992

8
g-index

12
all docs

12
docs citations

12
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiferromagnetic CuMnAs: Ab initio description of finite temperature magnetism and resistivity. Journal of Magnetism and Magnetic Materials, 2020, 513, 167078.	2.3	3
2	Anisotropy of resistivity in hexagonal late transition metals and their alloys. Journal of Physics Condensed Matter, 2020, 32, 185802.	1.8	2
3	Electrical transport properties of bulk tetragonal CuMnAs. Physical Review Materials, 2020, 4, .	2.4	9
4	The Spin-Disorder Resistivity: The Disordered Local Moment Approach. Solid State Phenomena, 2019, 289, 185-191.	0.3	0
5	Temperature-dependent resistivity and anomalous Hall effect in NiMnSb from first principles. Physical Review B, 2019, 99, .	3.2	7
6	Alloy disorder and fluctuating magnetic moments in the Earth's core. Journal of Magnetism and Magnetic Materials, 2019, 475, 767-771.	2.3	7
7	Electrical transport with temperature-induced spin disorder in NiMnSb. Journal of Magnetism and Magnetic Materials, 2019, 474, 517-521.	2.3	6
8	Spin-disorder resistivity of random fcc-NiFe alloys. Physical Review B, 2018, 98, .	3.2	3
9	Transport properties of iron at Earth's core conditions: The effect of spin disorder. Physical Review B, 2017, 96, .	3.2	20
10	Transverse Kerr effect in magnetic (Ga, Mn)As-based semiconductors and its applicability in waveguide isolators. Journal of Applied Physics, 2017, 122, 023104.	2.5	0
11	Fully Relativistic Temperature-Dependent Electronic Transport Properties of Magnetic Alloys From the First Principles. IEEE Transactions on Magnetics, 2017, 53, 1-5.	2.1	9
12	Spin-dependent electrical transport at finite temperatures from the first principles. , 2017, , .		4