

Wouter Montfrooij

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

89
citations

1684188

5
h-index

1474206

9
g-index

15
all docs

15
docs citations

15
times ranked

136
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracting paramagnon excitations from resonant inelastic x-ray scattering experiments. Physical Review B, 2016, 93, .	3.2	22
2	Ground state of a quantum critical system: Neutron scattering on Ce	3.2	14
3	Magnetic excitations in the spinel compound $Li[Mn_{2-x}Li_x]O_4$ ($x=0.04$). Journal of Applied Physics, 2009, 105, .	3.2	7
4	Kinetic equilibrium time-correlation functions in binary hard-sphere-fluid mixtures. Physical Review A, 1989, 39, 5807-5811.	2.5	6
5	Comment on 3He Zero Sound Mode in Normal Liquid 3He	7.8	5
6	Magnetic ordering in the spinel compound $Li[Mn_{2-x}Li_x]O_4$ ($x=0.04$). Journal of Applied Physics, 2009, 105, .	2.5	5
7	Percolation theory and quantum critical systems: A new description of the critical behavior in $Ce(Ru_{0.24}Fe_{0.76})_2Ge_2$. Journal of Applied Physics, 2014, 115, 17E110.	2.5	5
8	Quantum critical behavior in $Ce(Fe_{0.76}Ru_{0.24})_2Ge_2$. Physical Review B, 2019, 99, .	3.2	5
9	Modified Percolation Theory and Its Relevance to Quantum Critical Phenomena. Journal of Modern Physics, 2014, 05, 649-660.	0.6	5
10	The search for quantum critical scaling in a classical system. Journal of Applied Physics, 2009, 105, 07E322.	2.5	3
11	Identification of the low-energy excitations in a quantum critical system. AIP Advances, 2017, 7, .	1.3	3
12	Protected percolation: a new universality class pertaining to heavily-doped quantum critical systems. Journal of Physics Communications, 2021, 5, 015008.	1.2	3
13	Modeling of neutron and x-ray scattering by liquids: The risks of using phenomenological models. Physics of Fluids, 2021, 33, .	4.0	3
14	Evidence for magnetic clusters in stoichiometric quantum critical $CeRu_{1-x}Mn_x$	1.2	2
15	Effects of disorder on Harris-criterion violating percolation. Physical Review E, 2021, 104, 034110.	2.1	1