

James Beare

List of Publications by Year in descending order

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14
papers

192
citations

1307594

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h-index

1058476

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times ranked

303
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantum Spin Ice Dynamics in the Dipole-Octupole Pyrochlore Magnet $\text{Ce}_2\text{Zr}_8\text{O}_{12}$. Physical Review Letters, 2019, 122, 107201.	7.8	14
2	Crystal fields and magnetic structure of the Ising antiferromagnet Er_3O_{12} . Physical Review B, 2019, 99, .	3.2	14
3	Quantum Critical Point in the Itinerant Ferromagnet Ni_1SR . Physical Review Letters, 2020, 124, 117203.	7.8	14
4	Study of the triangular Ising antiferromagnet ErMgGaO_4 . Physical Review B, 2020, 101, .	3.2	10
5	Characterization of a Disordered above Room Temperature Skyrmion Material $\text{Co}_8\text{Zn}_8\text{Mn}_4$. Materials, 2021, 14, 4689.	2.9	10
6	Study of muonium emission from laser-ablated silica aerogel. Progress of Theoretical and Experimental Physics, 2020, 2020, .	6.6	7
7	Probing the quantum phase transition in Mott insulator BaCoS_2 tuned by pressure and Ni substitution. Physical Review Materials, 2019, 3, .	3.2	6
8	Fully gapped superconductivity in centrosymmetric and noncentrosymmetric Re-B compounds probed with Sr_2Ir_4 . Physical Review B, 2021, 103, .	3.2	6
9	Complex transport and magnetism in inhomogeneous mixed valence Ce_3K . Physical Review Materials, 2019, 3, .	3.2	3
10	Type-I superconductivity in single-crystal Pb_2Pd . Physical Review B, 2021, 103, .	3.2	3
11	Low-temperature and dynamic magnetism of highly frustrated $5\text{d}_2\text{Li}_4\text{MgOsO}_6$ polymorphs in comparison with $5\text{d}_3\text{Li}_3\text{Mg}_2\text{OsO}_6$. Physical Review B, 2018, 98, .	3.2	2
12	Field-induced quantum critical point in the itinerant antiferromagnet Ti_3Cu_4 . Communications Physics, 2022, 5, .	5.3	1