

Paul M Sarte

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

19
papers

343
citations

10
h-index

18
g-index

20
ext. papers

747
ext. citations

3.8
avg, IF

3.94
L-index

#	Paper	IF	Citations
19	CsV ₃ Sb ₅ : A Z ₂ Topological Kagome Metal with a Superconducting Ground State. <i>Physical Review Letters</i> , 2020 , 125, 247002	7.4	107
18	Superconductivity in the Z2 kagome metal KV3Sb5. <i>Physical Review Materials</i> , 2021 , 5,	3.2	77
17	Absence of long-range magnetic ordering in the pyrochlore compound Er ₂ Sn ₂ O ₇ . <i>Journal of Physics Condensed Matter</i> , 2011 , 23, 382201	1.8	21
16	Fermi Surface Mapping and the Nature of Charge-Density-Wave Order in the Kagome Superconductor CsV ₃ Sb ₅ . <i>Physical Review X</i> , 2021 , 11,	9.1	20
15	Incipient ferromagnetism in Tb ₂ Ge ₂ O ₇ : application of chemical pressure to the enigmatic spin-liquid compound Tb ₂ Ti ₂ O ₇ . <i>Physical Review Letters</i> , 2014 , 113, 267205	7.4	19
14	Spin-orbit excitons in CoO. <i>Physical Review B</i> , 2019 , 100,	3.3	13
13	Spin excitations in the frustrated triangular lattice antiferromagnet NaYbO ₂ . <i>Physical Review B</i> , 2020 , 101,	3.3	13
12	Dipolar-octupolar Ising antiferromagnetism in Sm ₂ Ti ₂ O ₇ : A moment fragmentation candidate. <i>Physical Review B</i> , 2018 , 98,	3.3	12
11	Disentangling orbital and spin exchange interactions for Co ²⁺ on a rocksalt lattice. <i>Physical Review B</i> , 2018 , 98,	3.3	11
10	Ordered magnetism in the intrinsically decorated jef=12CoV ₃ O ₈ . <i>Physical Review B</i> , 2018 , 98,	3.3	11
9	Incommensurate crystal supercell and polarization flop observed in the magnetoelectric ilmenite MnTiO ₃ . <i>Physical Review B</i> , 2016 , 93,	3.3	9
8	Evidence for the confinement of magnetic monopoles in quantum spin ice. <i>Journal of Physics Condensed Matter</i> , 2017 , 29, 45LT01	1.8	6
7	Coexistence of metallic and nonmetallic properties in the pyrochlore Lu ₂ Rh ₂ O ₇ . <i>Npj Quantum Materials</i> , 2019 , 4,	5	6
6	Relaxing Kondo-screened Kramers doublets in CeRhSi ₃ . <i>Physical Review B</i> , 2019 , 99,	3.3	6
5	Magnetic fluctuations and the spin-orbit interaction in Mott insulating CoO. <i>Journal of Physics Condensed Matter</i> , 2020 , 32, 374011	1.8	3
4	Evidence for negative thermal expansion in the superconducting precursor phase SmFeAsO. <i>Journal of Physics Condensed Matter</i> , 2018 , 30, 095601	1.8	2
3	Van Vleck excitons in Ca ₂ RuO ₄ . <i>Physical Review B</i> , 2020 , 102,	3.3	2

- 2 Absence of moment fragmentation in the mixed B-site pyrochlore Nd₂GaSbO₇. *Physical Review B*, **2021**, 103, 3-3 2
- 1 Dynamical ground state in the XY pyrochlore Yb₂GaSbO₇. *Npj Quantum Materials*, **2021**, 6, 5 1