

Sami J Vasala

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,512
citations

567281

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642732

23
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docs citations

26
times ranked

2153
citing authors

#	ARTICLE	IF	CITATIONS
1	Tuning of superdiamagnetism in La ₂ CuO ₄ by solid-state electrochemical fluorination and defluorination. APL Materials, 2021, 9, 041107.	5.1	6
2	Structural, Magnetic and Catalytic Properties of a New Vacancy Ordered Perovskite Type Barium Cobaltate BaCoO _{2.67} . Chemistry - A European Journal, 2021, 27, 9763-9767.	3.3	6
3	Structural and Magnetic Properties of BaFeO _{2.667} Synthesized by Oxidizing BaFeO _{2.5} Obtained via Nebulized Spray Pyrolysis. Inorganic Chemistry, 2021, 60, 10923-10933.	4.0	4
4	Atomic/molecular layer deposition of Ni-terephthalate thin films. Dalton Transactions, 2021, 50, 16133-16138.	3.3	5
5	Reversible Tuning of Magnetization in a Ferromagnetic Ruddlesden-Popper Type Manganite by Electrochemical Fluoride Ion Intercalation. Advanced Electronic Materials, 2020, 6, 1900974.	5.1	29
6	Topochemical Reduction of La ₂ NiO ₃ F ₂ : The First Ni-Based Ruddlesden-Popper $n = 1$ Td^2 -Type Structure and the Impact of Reduction on Magnetic Ordering. Chemistry of Materials, 2020, 32, 3160-3179.	6.7	19
7	Exchange Interactions Mediated by Nonmagnetic Cations in Double Perovskites. Physical Review Letters, 2020, 124, 077202.	7.8	23
8	Assessment of magnetic properties of A ₂ B ₂ O ₆ double perovskites by multivariate data analysis techniques. Chemical Communications, 2019, 55, 1722-1725.	4.1	13
9	Magnetic interactions in the $S = 1/2$ square-lattice antiferromagnets Ba ₂ CuTeO ₆ and Ba ₂ CuWO ₆ : parent phases of a possible spin liquid. Chemical Communications, 2019, 55, 1132-1135.	4.1	15
10	Spin-liquid-like state in a spin-1/2 square-lattice antiferromagnet perovskite induced by d ₁₀ d ₀ cation mixing. Nature Communications, 2018, 9, 1085.	12.8	81
11	Tuning the $S = 1/2$ square-lattice antiferromagnet		

#	ARTICLE	IF	CITATIONS
19	Synthesis and Characterization of $\text{Sr}_2\text{Cu}(\text{W}^{VI}\text{Mo})\text{O}_6$: A Quasi-Two-Dimensional Magnetic System. <i>Chemistry of Materials</i> , 2012, 24, 2764-2774.	6.7	32
20	Growth and surface engineering of vertically-aligned low-wall-number carbon nanotubes. <i>Carbon</i> , 2012, 50, 4750-4754.	10.3	14
21	Role of SrMoO_4 in $\text{Sr}_2\text{MgMoO}_6$ synthesis. <i>Journal of Solid State Chemistry</i> , 2011, 184, 1312-1317.	2.9	39
22	Degree of order and redox balance in B-site ordered double-perovskite oxides, Sr_2MMoO_6 (M=Mg,) <i>J Electrochem Soc</i> 157(10) 2988-2995	2.9	88
23	Isovalent and aliovalent substitution effects on redox chemistry of $\text{Sr}_2\text{MgMoO}_6$ SOFC-anode material. <i>Solid State Ionics</i> , 2010, 181, 754-759.	2.7	54