

Midori Amano Patino

List of Publications by Year in descending order

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papers

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24
all docs

24
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24
times ranked

396
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructural Activation of a Topochemical Reduction Reaction. ACS Organic & Inorganic Au, 2022, 2, 75-82.	1.9	2
2	Topotactic Oxygen Release and Incorporation in AFeO ₃ with Fe ⁴⁺ , AFeO _{2.5} with Fe ³⁺ , and AFeO ₂ with Fe ²⁺ (A = Ca and Tj) $0.000 \text{ rgBJ} / \text{Overlock}$	0.9	2
3	Solid State Science and Technology, 2022, 11, 043004. Substitutional tuning of electronic phase separation in $\text{Ca}_{1-x}\text{Fe}_x\text{O}_5$. Physical Review Materials, 2021, 5, .	0.9	3
4	Slow oxidation of magnetite nanoparticles elucidates the limits of the Verwey transition. Nature Communications, 2021, 12, 6356.	5.8	10
5	Multi- k spin ordering in $\text{CaFe}_3\text{O}_{12}$ stabilized by spin-orbit coupling and further-neighbor exchange. Physical Review Research, 2021, 3, .	1.3	3
6	Polymeric microellipsoids with programmed magnetic anisotropy for controlled rotation using low (~ 10 mT) magnetic fields. Applied Materials Today, 2020, 18, 100511.	2.3	6
7	Conversion of a Defect Pyrochlore into a Double Perovskite via High-Pressure, High-Temperature Reduction of Te ₆ . Inorganic Chemistry, 2020, 59, 343-349.	1.9	3
8	Ruddlesden-Popper phases of lithium-hydroxide-halide antiperovskites: two dimensional Li-ion conductors. RSC Advances, 2020, 10, 41816-41820.	1.7	6
9	Crystal structures and ionic conductivity in Li ₂ OHX (X = Cl, Br) antiperovskites. Journal of Solid State Chemistry, 2020, 286, 121263.	1.4	28
10	Multiferroism Induced by Spontaneous Structural Ordering in Antiferromagnetic Iron Perovskites. Chemistry of Materials, 2019, 31, 5993-6000.	3.2	7
11	Pressure-Induced Transitions in the 1-Dimensional Vanadium Oxyhydrides SrVO ₃ H and Sr ₃ V ₂ O ₅ H ₂ , and Comparison to 2-Dimensional SrVO ₂ H. Inorganic Chemistry, 2019, 58, 15393-15400.	1.9	12
12	Structure-property relations in Ag ₂ Bi compounds: potential Pb-free absorbers in solar cells. Journal of Materials Chemistry A, 2019, 7, 5583-5588.	5.2	25
13	Extreme Sensitivity of a Topochemical Reaction to Cation Substitution: SrVO ₂ H versus Sr _{1-x} Ti _x O _{1.5} H _{1.5} . Inorganic Chemistry, 2018, 57, 2890-2898.	1.9	14
14	Hexagonal Perovskite Ba ₄ Fe ₃ NiO ₁₂ Containing Tetravalent Fe and Ni Ions. Inorganic Chemistry, 2018, 57, 10410-10415.	1.9	7
15	Suppression of Sequential Charge Transitions in Ca _{0.5} Bi _{0.5} FeO ₃ via B-Site Cobalt Substitution. Chemistry of Materials, 2018, 30, 5493-5499.	3.2	0
16	The role of H^- -blocking hydride ligands in a pressure-induced insulator-to-metal phase transition in SrVO ₂ H. Nature Communications, 2017, 8, 1217.	5.8	47
17	Coupled Electronic and Magnetic Phase Transition in the Infinite-Layer Phase LaSrNiRuO ₄ . Inorganic Chemistry, 2016, 55, 9012-9016.	1.9	22
18	Magnetocaloric response of submicron (LaAg)MnO ₃ manganite obtained by Pechini method. Journal of Sol-Gel Science and Technology, 2016, 78, 159-165.	1.1	9

#	ARTICLE	IF	CITATIONS
19	Ca ₂ Cr _{0.5} Ga _{1.5} O ₅ —An extremely redox-stable brownmillerite phase. Journal of Solid State Chemistry, 2015, 222, 71-75.	1.4	4
20	Cation Exchange in a 3D Perovskite—Synthesis of Ni _{0.5} TaO ₃ . Inorganic Chemistry, 2014, 53, 8020-8024.	1.9	15
21	Magnetic Properties of Mixed Valence La (AgSr)MnO ₃ Manganites Obtained by Solid-State Reaction Method. Journal of the American Ceramic Society, 2013, 96, 812-815.	1.9	1