

Joey A Lussier

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Zero Thermal Expansion in $\text{ZrMgMo}_3\text{O}_{12}$: NMR Crystallography Reveals Origins of Thermoelastic Properties. <i>Chemistry of Materials</i> , 2015, 27, 2633-2646.	6.7	90
2	Topotactic Solid-State Metal Hydride Reductions of Sr_2MnO_4 . <i>Inorganic Chemistry</i> , 2015, 54, 4249-4256.	4.0	14
3	Studies on Polymorphic Sequence during the Formation of the 1:1 Ordered Perovskite-Type $\text{BaCa}_{0.335}\text{M}_{0.165}\text{Nb}_{0.5}\text{O}_{3-\delta}$ (M = Mn, Fe, Co) Using in Situ and ex Situ Powder X-ray Diffraction. <i>Inorganic Chemistry</i> , 2014, 53, 10085-10093.	4.0	12
4	Lack of a threefold rotation axis in Fe_2O_3 and Cr_2O_3 crystals. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2015, 71, 203-208.	1.1	9
5	Platinum Uptake and $\text{Ba}_2\text{CePtO}_6$ Formation During in Situ $\text{BaCe}_{1-x}\text{M}_x\text{O}_{3-\delta}$ (M = La, In) Formation. <i>Inorganic Chemistry</i> , 2014, 53, 8809-8815.	4.0	6
6	Order/Disorder and in Situ Oxide Defect Control in the Bixbyite Phase $\text{YPrO}_3+\delta$ (0 ≤ δ ≤ 0.08). <i>Journal of Solid State Chemistry</i> , 2016, 242, 126-132.	4.0	6
7	Structural Competition and Reactivity of Rare-Earth Oxide Phases in $\text{Y}_{1-x}\text{Pr}_x\text{O}_{3-\delta}$ (0.05 ≤ x ≤ 0.80). <i>Inorganic Chemistry</i> , 2018, 57, 14106-14115.	4.0	6
8	Oxygen trapping and cation site-splitting in $\text{Y}(2-x)\text{Pr}_x\text{O}_3+\delta$ (0 ≤ x ≤ 2.0 and δ ≤ 1.0). <i>Journal of Solid State Chemistry</i> , 2016, 242, 126-132.	2.9	3
9	Structure Evolution and Reactivity of the $\text{Sc}(2-x)\text{V}_x\text{O}_{3+\delta}$ (0 ≤ x ≤ 2.0) System. <i>Inorganic Chemistry</i> , 2018, 57, 5607-5614.	4.0	3
10	Magnetic ground state of $\text{La}_2\text{LiMoO}_6$: A comparison with other Mo^{5+} (S=1/2) double perovskites. <i>Physical Review Materials</i> , 2020, 4, .	2.4	2
11	Absence of magnetic ordering in the spin liquid candidate $\text{Ca}_3\text{Cu}_2\text{Ge}_2\text{O}_{12}$. <i>Journal of Physics Condensed Matter</i> , 2020, 32, 134001.	1.8	1
12	The Highly Frustrated $5d^{2+}$ Double Perovskite Doppelgänger, SrLaMgReO_6 and SrLaLiOsO_6 . A Comparison including Isostructural $\text{La}_2\text{LiReO}_6$. <i>Inorganic Chemistry</i> , 2021, 60, 16652-16657.	4.0	1
13	LiNbO_3 -type Polar Antiferromagnet InVO_3 Synthesized under High-Pressure Conditions. <i>Angewandte Chemie - International Edition</i> , 2022, , .	13.8	1
14	Understanding the Interplay of Vacancy, Cation, and Charge Ordering in the Tunable $\text{Sc}_2\text{VO}_5+\delta$ Defect Fluorite System. <i>Inorganic Chemistry</i> , 2021, 60, 872-882.	4.0	0
15	LiNbO_3 -type Polar Antiferromagnet InVO_3 Synthesized under High-Pressure Conditions. <i>Angewandte Chemie</i> , 0, , .	2.0	0