

Corey E Frank

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

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223
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#	ARTICLE	IF	CITATIONS
1	Fe _{3-x} InSn _x O ₆ (<i>x</i> = 0, 0.25, or 0.5): A Family of Corundum Derivatives with Sn-Induced Polarization and Above Room Temperature Antiferromagnetic Ordering. <i>Chemistry of Materials</i> , 2022, 34, 5020-5029.	6.7	2
2	Tl ₂ Ir ₂ O ₇ : A Pauli Paramagnetic Metal, Proximal to a Metal Insulator Transition. <i>Inorganic Chemistry</i> , 2021, 60, 4424-4433.	4.0	5
3	Defect-engineered room-temperature ferromagnetism in quasi-two-dimensional nitrated CoTa ₂ O ₆ . <i>Physical Review B</i> , 2021, 104, .	3.2	0
4	A Polar Magnetic and Insulating Double Corundum Oxide: Mn ₂ MnSbO ₆ with Ordered Mn(II) and Mn(III) Ions. <i>Chemistry of Materials</i> , 2021, 33, 6522-6529.	6.7	9
5	High-Pressure Synthesis of Double Perovskite Ba ₂ NiRuO ₆ : In Search of a Ferromagnetic Insulator. <i>Inorganic Chemistry</i> , 2021, 60, 1241-1247.	4.0	14
6	Nonmetallic metal toward a pressure-induced bad-metal state in two-dimensional Cu ₃ LiRu ₂ O ₆ . <i>Chemical Communications</i> , 2020, 56, 265-268.	4.1	5
7	Ambient and High Pressure CuNiSb ₂ : Metal-Ordered and Metal-Disordered NiAs-Type Derivative Pnictides. <i>Inorganic Chemistry</i> , 2020, 59, 14058-14069.	4.0	0
8	Measured and simulated thermoelectric properties of FeAs _{2-x} Se _x (<i>x</i> =) Tj ETQq0,0,0 rgBT /Overlock 1	3.4	0
9	Universal A-Cation Splitting in LiNbO ₃ -Type Structure Driven by Intrapositional Multivalent Coupling. <i>Journal of the American Chemical Society</i> , 2020, 142, 7168-7178.	13.7	7
10	High-Pressure, High-Temperature Synthesis and Characterization of Polar and Magnetic LuCrWO ₆ . <i>Inorganic Chemistry</i> , 2020, 59, 3579-3584.	4.0	9
11	Structural, magnetic, and spin dynamical properties of the polar antiferromagnets $Ni_{1-x}Mn_xO_3$	3.2	9
12	LaMn ₃ Rh ₄ O ₁₂ : An Antiferromagnetic Quadruple Perovskite Synthesized at High Pressure. <i>Inorganic Chemistry</i> , 2019, 58, 10280-10286.	4.0	8
13	High-Pressure Synthesis and Ferrimagnetism of Ni ₃ TeO ₆ -Type Mn ₂ ScMO ₆ (M = Nb, Ta). <i>Inorganic Chemistry</i> , 2019, 58, 15953-15961.	4.0	6
14	MnFe _{0.5} Ru _{0.5} O ₃ : an above-room-temperature antiferromagnetic semiconductor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 509-522.	5.5	5
15	Mn ₂ CoReO ₆ : a robust multisublattice antiferromagnetic perovskite with small A-site cations. <i>Chemical Communications</i> , 2019, 55, 3331-3334.	4.1	15
16	High-Pressure Synthesis of Lu ₂ NiRuO ₆ with Ferrimagnetism and Large Coercivity. <i>Inorganic Chemistry</i> , 2019, 58, 397-404.	4.0	28
17	Mn ₂ (Fe _{0.8} Mo _{0.2})MoO ₆ : A Double Perovskite with Multiple Transition Metal Sublattice Magnetic Effects. <i>Chemistry of Materials</i> , 2018, 30, 4508-4514.	6.7	25
18	Thermoelectric Properties of CoAsSb: An Experimental and Theoretical Study. <i>Chemistry of Materials</i> , 2018, 30, 4207-4215.	6.7	5