

# Corey E Frank

## List of Publications by Year in descending order

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18  
papers

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citations

1163117

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19  
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19  
docs citations

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times ranked

223  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Pressure Synthesis of $\text{Lu}_2\text{Ni}_2\text{O}_6$ with Ferrimagnetism and Large Coercivity. <i>Inorganic Chemistry</i> , 2019, 58, 397-404.	4.0	28
2	$\text{Mn}_2(\text{Fe}_{0.8}\text{Mo}_{0.2})\text{MoO}_6$ : A Double Perovskite with Multiple Transition Metal Sublattice Magnetic Effects. <i>Chemistry of Materials</i> , 2018, 30, 4508-4514.	6.7	25
3	$\text{Mn}_2\text{CoReO}_6$ : a robust multisublattice antiferromagnetic perovskite with small A-site cations. <i>Chemical Communications</i> , 2019, 55, 3331-3334.	4.1	15
4	High-Pressure Synthesis of Double Perovskite $\text{Ba}_2\text{Ni}_2\text{O}_6$ : In Search of a Ferromagnetic Insulator. <i>Inorganic Chemistry</i> , 2021, 60, 1241-1247.	4.0	14
5	High-Pressure, High-Temperature Synthesis and Characterization of Polar and Magnetic $\text{LuCrWO}_6$ . <i>Inorganic Chemistry</i> , 2020, 59, 3579-3584.	4.0	9
6	Structural, magnetic, and spin dynamical properties of the polar antiferromagnets $\text{N}_i\text{C}_i\text{O}_i$	3.2	9
7	A Polar Magnetic and Insulating Double Corundum Oxide: $\text{Mn}_2\text{MnSbO}_6$ with Ordered Mn(II) and Mn(III) Ions. <i>Chemistry of Materials</i> , 2021, 33, 6522-6529.	6.7	9
8	$\text{LaMn}_3\text{Rh}_4\text{O}_{12}$ : An Antiferromagnetic Quadruple Perovskite Synthesized at High Pressure. <i>Inorganic Chemistry</i> , 2019, 58, 10280-10286.	4.0	8
9	Universal A-Cation Splitting in $\text{LiNbO}_3$ -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 Synthesis and Ferrimagnetism of $\text{Ni}_3\text{TeO}_6$ -Type $\text{Mn}_2\text{ScMO}_6$ (M = Nb, Ta). <i>Inorganic Chemistry</i> , 2019, 58, 15953-15961.	4.0	6
11	Thermoelectric Properties of $\text{CoAsSb}$ : An Experimental and Theoretical Study. <i>Chemistry of Materials</i> , 2018, 30, 4207-4215.	6.7	5
12	$\text{MnFe}_0.5\text{Ru}_0.5\text{O}_3$ : an above-room-temperature antiferromagnetic semiconductor. <i>Journal of Materials Chemistry C</i> , 2019, 7, 509-522.	5.5	5
13	Nonmetallic metal toward a pressure-induced bad-metal state in two-dimensional $\text{Cu}_3\text{LiRu}_2\text{O}_6$ . <i>Chemical Communications</i> , 2020, 56, 265-268.	4.1	5
14	$\text{Tl}_2\text{Ir}_2\text{O}_7$ : A Pauli Paramagnetic Metal, Proximal to a Metal Insulator Transition. <i>Inorganic Chemistry</i> , 2021, 60, 4424-4433.	4.0	5
15	$\text{Fe}^{3+}\text{InSn}_x\text{O}_6$ ( $x = 0, 0.25, \text{ or } 0.5$ ): 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
16	Ambient and High Pressure $\text{CuNiSb}_2$ : Metal-Ordered and Metal-Disordered NiAs-Type Derivative Pnictides. <i>Inorganic Chemistry</i> , 2020, 59, 14058-14069.	4.0	0
17	Measured and simulated thermoelectric properties of $\text{FeAs}_2\text{Se}_x$ ( $x = 0, 0.25, \text{ or } 0.5$ )	1.1	0
18	Defect-engineered room-temperature ferromagnetism in quasi-two-dimensional nitrated $\text{CoTa}_2\text{O}_6$ . <i>Physical Review B</i> , 2021, 104, .	3.2	0