

# Tong Zhu

## List of Publications by Year in descending order

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8  
papers

182  
citations

1478505  
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1588992  
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docs citations

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times ranked

264  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chemical Pressure-Induced Anion Order–Disorder Transition in LnHO Enabled by Hydride Size Flexibility. <i>Journal of the American Chemical Society</i> , 2018, 140, 11170-11173.	13.7	65
2	Theory and Neutrons Combine To Reveal a Family of Layered Perovskites without Inversion Symmetry. <i>Chemistry of Materials</i> , 2017, 29, 9489-9497.	6.7	36
3	Cation Exchange as a Mechanism To Engineer Polarity in Layered Perovskites. <i>Chemistry of Materials</i> , 2018, 30, 8915-8924.	6.7	25
4	Complex Structural Phase Transitions of the Hybrid Improper Polar Dion–Jacobson Oxides $\text{RbNdM}_2\text{O}_7$ and $\text{CsNdM}_2\text{O}_7$ ( $M = \text{Nb, Ta}$ ). <i>Chemistry of Materials</i> , 2020, 32, 4340-4346.	6.7	21
5	Alkali-Rich Antiperovskite $\text{M}_3\text{FCh}$ ( $M = \text{Li, Na}$ ; $\text{Ch} = \text{S, Se, Te}$ ): The Role of Anions in Phase Stability and Ionic Transport. <i>Journal of the American Chemical Society</i> , 2021, 143, 10668-10675.	13.7	21
6	Lone-Pair-Induced Intra- and Interlayer Polarizations in $\text{Sill}^{\text{Å}}\text{n-Aurivillius}$ Layered Perovskite $\text{Bi}_4\text{NbO}_8\text{Br}$ . <i>Inorganic Chemistry</i> , 2022, 61, 9816-9822.	4.0	7
7	Directed synthesis of a hybrid improper magnetoelectric multiferroic material. <i>Nature Communications</i> , 2021, 12, 4945.	12.8	6
8	High-Pressure Synthesis and Order–Disorder Transition of Layered Oxytelluride $\text{Ba}_2\text{ZnO}_2\text{Ag}_2\text{Te}_2$ . <i>Inorganic Chemistry</i> , 2022, 61, 7026-7031.	4.0	1