

# Tirthankar Chakraborty

## List of Publications by Year in descending order

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12  
papers

224  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

383  
citing authors

#	ARTICLE	IF	CITATIONS
1	Magnetocaloric properties of $R_2\text{NiMnO}_6$ ( $R=\text{Pr, Nd, Tb, Ho}$ and $\text{Y}$ ) double perovskite family. Journal of Magnetism and Magnetic Materials, 2017, 428, 59-63.	2.3	55
2	Synthesis and evaluation of PVDF/MgTiO <sub>3</sub> polymer-ceramic composites for low- $k$ dielectric applications. Journal of Materials Chemistry C, 2019, 7, 4484-4496.	5.5	45
3	Crystal structures and phase transitions of the van der Waals ferromagnet $\text{V}_3\text{I}_3\text{Mn}_3\text{O}_{13}$ . Physical Review Materials, 2019, 3, .	2.4	33
4	Evolution of Jahn-Teller distortion, transport and dielectric properties with doping in perovskite $\text{NdFe}_x\text{Mn}_{1-x}\text{O}_3$ ( $0 \leq x \leq 1$ ) compounds. Physical Chemistry Chemical Physics, 2016, 18, 5316-5323.	2.8	27
5	Disordered ferromagnetism in $\text{Ho}_2\text{NiMnO}_6$ double perovskite. Journal of Physics Condensed Matter, 2017, 29, 025804.	1.8	27
6	Record-high thermal stability achieved in a novel single-component all-organic ferroelectric crystal exhibiting polymorphism. Chemical Communications, 2019, 55, 9610-9613.	4.1	12
7	Two fold spin reorientation and field induced phase transition in $\text{Ho}_{0.5}\text{Dy}_{0.5}\text{FeO}_3$ single crystal. Journal of Magnetism and Magnetic Materials, 2018, 462, 78-82.	2.3	10
8	High temperature negative magnetization, spin reorientation and their suppression with magnetic field in $\text{ErFe}_{0.55}\text{Mn}_{0.45}\text{O}_3$ single crystal. Journal of Alloys and Compounds, 2018, 767, 392-397.	5.5	6
9	Magnetic and electric characterization of multiferroic organometallic compound $[(\text{CH}_3)_2\text{NH}_2]\text{Mn}_{0.5}\text{Ni}_{0.5}(\text{HCOO})_3$ . Solid State Communications, 2017, 261, 1-5.	1.9	4
10	A study of the piezoelectric resonance in organic single crystal: glucuronic acid $\beta$ -lactone. Applied Physics A: Materials Science and Processing, 2016, 122, 1.	2.3	3
11	Synthesis, structural and dielectric properties of double perovskite $\text{Ho}_2\text{FeMnO}_6$ . AIP Conference Proceedings, 2016, .	0.4	1
12	Structural phase transition and phase diagram of half doped organometallic compound $[(\text{CH}_3)_2\text{NH}_2]\text{Mn}_{0.5}\text{Ni}_{0.5}(\text{HCOO})_3$ . Solid State Communications, 2017, 267, 53-56.	1.9	1