

Anthony Arulraj

List of Publications by Year in descending order

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17
papers

1,139
citations

687363

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839539

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docs citations

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citing authors

#	ARTICLE	IF	CITATIONS
1	Proliferation of Atomic Shuffling through Mechanical Stress on Cationic Disorder $\text{Li}_{4-x}\text{FeMoO}_6$ as a Cathode Material for a Lithium-Ion Battery. ACS Applied Energy Materials, 2020, 3, 8716-8724.	5.1	6
2	Synthesis and investigation of electrochemical performance of mixed valent $\text{Li}_4\text{FeMoO}_6$ as positive electrode material in rechargeable lithium ion batteries. Journal of Power Sources, 2019, 436, 226870.	7.8	13
3	Strain effects in perovskite manganites. Progress in Solid State Chemistry, 2007, 35, 367-377.	7.2	11
4	Shear Strain in $\text{Nd}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ at High Pressures. Physical Review Letters, 2005, 94, 165504.	7.8	18
5	Collapse of the charge ordering gap of $\text{Nd}_{0.5}\text{Sr}_{0.5}\text{MnO}_3$ in an applied magnetic field. Journal of Physics Condensed Matter, 2000, 12, L101-L107.	1.8	10
6	Effect of Cation Size and Disorder on the Structure and Properties of the Rare Earth Cobaltates, $\text{Ln}_{0.5}\text{A}_{0.5}\text{CoO}_3$ (Ln = Rare Earth, A = Sr, Ba). Chemistry of Materials, 2000, 12, 1666-1670.	6.7	44
7	Charge ordering in the rare earth manganates: the experimental situation. Journal of Physics Condensed Matter, 2000, 12, R83-R106.	1.8	227
8	Charge ordering in electron-doped manganates. Journal of Physics Condensed Matter, 1999, 11, L27-L33.	1.8	7
9	Effect of substituting Ru^{4+} and other tetravalent ions in the B-site of rare earth manganates on the magneto-transport properties and charge-ordering. Comptes Rendus De L'Academie Des Sciences - Series IIc: Chemistry, 1999, 2, 595-601.	0.1	23
10	An Infrared Spectroscopic Study of the Insulator-Metal Transition and Charge-Ordering in Rare Earth Manganates, $\text{Ln}_{1-x}\text{A}_x\text{MnO}_3$ (Ln=Rare Earth, A=Ca, Sr, Pb). Journal of Solid State Chemistry, 1999, 145, 557-563.	2.9	48
11	Giant magnetoresistance, charge-ordering and related aspects of manganese oxides. Current Opinion in Solid State and Materials Science, 1998, 3, 23-31.	11.5	21
12	Charge-Ordering in Manganates. Chemistry of Materials, 1998, 10, 2714-2722.	6.7	142
13	The nature of the charge-ordered state in with a very small average radius of the A-site cations. Journal of Physics Condensed Matter, 1998, 10, 4447-4456.	1.8	40
14	Reentrant transition from an incipient charge-ordered state to a ferromagnetic metallic state in a rare-earth manganate. Physical Review B, 1998, 57, R8115-R8118.	3.2	45
15	Charge ordering in the rare-earth manganates: the origin of the extraordinary sensitivity to the average radius of the A-site cations. Journal of Physics Condensed Matter, 1998, 10, 8497-8504.	1.8	93
16	Electrical transport, magnetism, and magnetoresistance in ferromagnetic oxides with mixed exchange interactions: A study of the $\text{La}_{0.7}\text{Ca}_{0.3}\text{Mn}_{1-x}\text{Co}_x\text{O}_3$ system. Physical Review B, 1997, 56, 1345-1353.	3.2	222
17	Insulator-Metal Transitions, Giant Magnetoresistance, and Related Aspects of the Cation-Deficient LaMnO_3 Compositions $\text{La}_{1-x}\text{MnO}_3$ and $\text{LaMn}_{1-x}\text{Fe}_x\text{O}_3$. Journal of Solid State Chemistry, 1996, 127, 87-91.	2.9	97