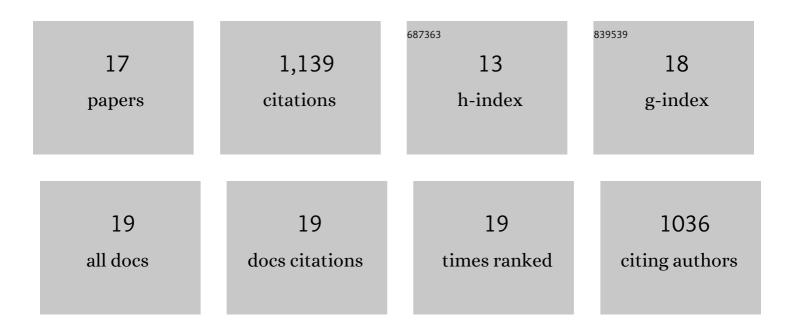
Anthony Arulraj

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Charge ordering in the rare earth manganates: the experimental situation. Journal of Physics Condensed Matter, 2000, 12, R83-R106.	1.8	227
2	Electrical transport, magnetism, and magnetoresistance in ferromagnetic oxides with mixed exchange interactions: A study of theLa0.7Ca0.3Mn1â°xCoxO3system. Physical Review B, 1997, 56, 1345-1353.	3.2	222
3	Charge-Ordering in Manganates. Chemistry of Materials, 1998, 10, 2714-2722.	6.7	142
4	Insulator–Metal Transitions, Giant Magnetoresistance, and Related Aspects of the Cation-Deficient LaMnO3Compositions La1â^ÎMnO3and LaMn1â~Îr′O3. Journal of Solid State Chemistry, 1996, 127, 87-91.	2.9	97
5	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
6	An Infrared Spectroscopic Study of the Insulator–Metal Transition and Charge-Ordering in Rare Earth Manganates, Ln1â^'xAxMnO3 (Ln=Rare Earth, A=Ca, Sr, Pb). Journal of Solid State Chemistry, 1999, 145, 557-563.	2.9	48
7	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
8	Effect of Cation Size and Disorder on the Structure and Properties of the Rare Earth Cobaltates, Ln0.5A0.5CoO3(Ln = Rare Earth, A = Sr, Ba). Chemistry of Materials, 2000, 12, 1666-1670.	6.7	44
9	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
10	Effect of substituting Ru4+ 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
11	Giant magnetoresistance, charge-ordering and related aspects of manganase oxides. Current Opinion in Solid State and Materials Science, 1998, 3, 23-31.	11.5	21
12	Shear Strain inNd0.5Ca0.5MnO3at High Pressures. Physical Review Letters, 2005, 94, 165504.	7.8	18
13	Synthesis and investigation of electrochemical performance of mixed valent Li4FeMoO6 as positive electrode material in rechargeable lithium ion batteries. Journal of Power Sources, 2019, 436, 226870.	7.8	13
14	Strain effects in perovskite manganites. Progress in Solid State Chemistry, 2007, 35, 367-377.	7.2	11
15	Collapse of the charge ordering gap of Nd0.5Sr0.5MnO3in an applied magnetic field. Journal of Physics Condensed Matter, 2000, 12, L101-L107.	1.8	10
16	Charge ordering in electron-doped manganates. Journal of Physics Condensed Matter, 1999, 11, L27-L33.	1.8	7
17	Proliferation of Atomic Shuffling through Mechanical Stress on Cationic Disorder Li ₄ FeMoO ₆ as a Cathode Material for a Lithium-Ion Battery. ACS Applied Energy Materials, 2020, 3, 8716-8724.	5.1	6