Sevda Avci

List of Publications by Year
in descending order

16 papers	214 citations	1040056 9 h-index	996975 15 g-index
16 all docs	16 docs citations	16 times ranked	409 citing authors

#	Article	IF	Citations
1	Growth mechanism and magnetic and electrochemical properties of Na0.44MnO2 nanorods as cathode material for Na-ion batteries. Materials Characterization, 2015, 105, 104-112.	4.4	39
2	Synthesis and superconducting properties of niobium nitride nanowires and nanoribbons. Applied Physics Letters, 2007, 91, .	3.3	30
3	Electrochemical effects and magnetic properties of B substituted LiCoO 2 : Improving Li-battery performance. Journal of Alloys and Compounds, 2016, 657, 835-847.	5.5	28
4	Enhancement of battery performance of LiMn₂O₄: correlations between electrochemical and magnetic properties. RSC Advances, 2016, 6, 43823-43831.	3.6	17
5	Oxygen Stoichiometry in the Geometrically Frustrated KagomÃ© System YBaCo₄O_{7+Î´}: Impact on Phase Behavior and Magnetism. Chemistry of Materials, 2013, 25, 4188-4196.	6.7	16
6	Structural, magnetic, electrical and electrochemical properties of SrCoO2.5, Sr9Co2Mn5O21 and SrMnO3 compounds. Ceramics International, 2017, 43, 14818-14826.	4.8	15
7	Enhanced thermoelectric properties induced by chemical pressure in Ca3Co4O9. Ceramics International, 2014, 40, 5217-5222.	4.8	14
8	Thermally Induced Spin State Transition in LiCoO2 and Its Effects on Battery Performance. Electrochimica Acta, 2017, 248, 449-453.	5.2	12
9	Investigations of the capacity fading mechanism of Na0.44MnO2via ex situ XAS and magnetization measurements. Dalton Transactions, 2018, 47, 17102-17108.	3.3	11
10	Synthesis of Na2Ti3O7 nanorods by a V-assisted route and investigation of their battery performance. CrystEngComm, 2020, 22, 2483-2490.	2.6	8
11	Structural, magnetic, electrical, and electrochemical properties of Srâ€“Coâ€“Ruâ€“O: A hybridâ€capacitor application. Journal of the American Ceramic Society, 2018, 101, 4572-4581.	3.8	7
12	Magnetic Properties and Environmental Temperature Effects on Battery Performance of Na_{0.67}Mn_{0.5}Fe_{0.5}O₂. Energy Technology, 2021, 9, 2001130.	3.8	7
13	Synthesis of ultra-thin nanobristles of Na-Mn-O compounds and their magnetic and structural properties. Ceramics International, 2016, 42, 17059-17066.	4.8	5
14	Electronic and Magnetic Properties of Pt Based Intermetalic LaPtAs and LaPt2As Compounds. Journal of Electronic Materials, 2019, 48, 2200-2208.	2.2	2
15	LiNi0.8Co0.15Ti0.05O2: synthesis by solid state reaction and investigation of structural and electrochemical properties with enhanced battery performance. Journal of Materials Science: Materials in Electronics, 2020, 31, 20527-20538.	2.2	2
16	Electronic, transport, and magnetic properties of (Ca, Ba)0.9La0.1Fe1.9Pt0.1As₂ compounds. International Journal of Modern Physics B, 2019, 33, 1950008.	2.0	1