Victor Duffort

List of Publications by Year
in descending order

23 papers	5,737 citations	516561 16 h-index	610775 24 g-index
25 all docs	25 docs citations	25 times ranked	7011 citing authors

#	Article	IF	Citations
1	Influence of the strontium content on the performance of La1-xSrxMnO3/Bi1.5Er0.5O3 composite electrodes for low temperature Solid Oxide Fuel Cells. Journal of Power Sources, 2020, 450, 227649.	4.0	17
2	Direct Nanoâ€Synthesis Methods Notably Benefit Mgâ€Battery Cathode Performance. Small Methods, 2020, 4, 2000029.	4.6	33
3	Oxysulfide Ba5(VO2S2)2(S2)2 Combining Disulfide Channels and Mixed-Anion Tetrahedra and Its Third-Harmonic-Generation Properties. Inorganic Chemistry, 2020, 59, 5907-5917.	1.9	10
4	A high capacity thiospinel cathode for Mg batteries. Energy and Environmental Science, 2016, 9, 2273-2277.	15.6	349
5	A conditioning-free magnesium chloride complex electrolyte for rechargeable magnesium batteries. Journal of Materials Chemistry A, 2016, 4, 7160-7164.	5.2	78
6	Prussian Blue Mgï£¿Li Hybrid Batteries. Advanced Science, 2016, 3, 1600044.	5.6	89
7	Screening for positive electrodes for magnesium batteries: a protocol for studies at elevated temperatures. Chemical Communications, 2016, 52, 12458-12461.	2.2	86
8	Impact of intermediate sites on bulk diffusion barriers: Mg intercalation in Mg₂Mo₃O₈. Journal of Materials Chemistry A, 2016, 4, 17643-17648.	5.2	27
9	A high-capacity and long-life aqueous rechargeable zinc battery using a metal oxide intercalation cathode. Nature Energy, 2016, 1, .	19.8	2,167
10	Investigation of the Mechanism of Mg Insertion in Birnessite in Nonaqueous and Aqueous Rechargeable Mg-Ion Batteries. Chemistry of Materials, 2016, 28, 534-542.	3.2	287
11	Uptake of CO₂ in Layered P2-Na_{0.67}Mn_{0.5}Fe_{0.5}O₂: Insertion of Carbonate Anions. Chemistry of Materials, 2015, 27, 2515-2524.	3.2	162
12	The Emerging Chemistry of Sodium Ion Batteries for Electrochemical Energy Storage. Angewandte Chemie - International Edition, 2015, 54, 3431-3448.	7.2	1,772
13	Structure of the high voltage phase of layered P2-Na_{2/3â^'z}[Mn_{1/2}Fe_{1/2}]O₂and the positive effect of Ni substitution on its stability. Energy and Environmental Science, 2015, 8, 2512-2523.	15.6	331
14	Photo-induced low temperature structural transition in the â€œ114â€•YBaFe4O7 oxide. Solid State Communications, 2014, 182, 22-25.	0.9	7
15	Rich Crystal Chemistry and Magnetism of â€œ114â€•Stoichiometric LnBaFe₄O_{7.0} Ferrites. Inorganic Chemistry, 2013, 52, 10438-10448.	1.9	13
16	Lifting the geometric frustration through a monoclinic distortion in â€œ114â€•YBaFe4O7.0: Magnetism and transport. Journal of Solid State Chemistry, 2013, 205, 225-235.	1.4	8
17	Substitution effect of manganese for iron in â€œ114â€•YBaFe4O7 ferrite: structure, magnetism and oxygen hyperstoichiometry. Journal of Materials Chemistry, 2012, 22, 18923.	6.7	6
18	Tetragonal YBaFe4O7.0: A stoichiometric polymorph of the â€œ114â€•ferrite family. Journal of Solid State Chemistry, 2012, 191, 225-231.	1.4	15

#	Article	IF	Citations
19	Lithium-Rich Rock-Salt-Type Vanadate as Energy Storage Cathode: Li_{2â€“x}VO₃. Chemistry of Materials, 2012, 24, 12-14.	3.2	79
20	Oxygen hyperstoichiometric hexagonal ferrite CaBaFe<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>4</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>O<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow /><mml:mrow><mml:mn>7</mml:mn></mml:mrow><mml:mo>+	1.1	17
21	Oxygen excess in the â€œ114â€•cobaltite hexagonal structure: The ferrimagnet CaBaCo4O7.50. Journal of Solid State Chemistry, 2011, 184, 2588-2594.	1.4	18
22	Straightforward synthesis of new polyoxometalate-based hybrids exemplified by the covalent bonding of a polypyridyl ligand. Chemical Communications, 2009, , 6062.	2.2	59
23	Preparation, characterization and DFT+U study of the polar Fe³⁺-based phase Ba₅Fe₂ZnIn₄S₁₅ containing S= 5/2 zigzag chains. Dalton Transactions, 0, , .	1.6	0