

# Victor Duffort

## List of Publications by Year in descending order

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Version: 2024-02-01

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	A high-capacity and long-life aqueous rechargeable zinc battery using a metal oxide intercalation cathode. <i>Nature Energy</i> , 2016, 1, .	19.8	2,167
2	The Emerging Chemistry of Sodium Ion Batteries for Electrochemical Energy Storage. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 3431-3448.	7.2	1,772
3	A high capacity thiospinel cathode for Mg batteries. <i>Energy and Environmental Science</i> , 2016, 9, 2273-2277.	15.6	349
4	Structure of the high voltage phase of layered $P2-Na_{2/3}Zn[Mn_{1/2}Fe_{1/2}]O_2$ and the positive effect of Ni substitution on its stability. <i>Energy and Environmental Science</i> , 2015, 8, 2512-2523.	15.6	331
5	Investigation of the Mechanism of Mg Insertion in Birnessite in Nonaqueous and Aqueous Rechargeable Mg-Ion Batteries. <i>Chemistry of Materials</i> , 2016, 28, 534-542.	3.2	287
6	Uptake of $CO_2$ in Layered $P2-Na_{0.67}Mn_{0.5}Fe_{0.5}O_2$ : Insertion of Carbonate Anions. <i>Chemistry of Materials</i> , 2015, 27, 2515-2524.	3.2	162
7	Prussian Blue $Mg/Li$ Hybrid Batteries. <i>Advanced Science</i> , 2016, 3, 1600044.	5.6	89
8	Screening for positive electrodes for magnesium batteries: a protocol for studies at elevated temperatures. <i>Chemical Communications</i> , 2016, 52, 12458-12461.	2.2	86
9	Lithium-Rich Rock-Salt-Type Vanadate as Energy Storage Cathode: $Li_2VO_3$ . <i>Chemistry of Materials</i> , 2012, 24, 12-14.	3.2	79
10	A conditioning-free magnesium chloride complex electrolyte for rechargeable magnesium batteries. <i>Journal of Materials Chemistry A</i> , 2016, 4, 7160-7164.	5.2	78
11	Straightforward synthesis of new polyoxometalate-based hybrids exemplified by the covalent bonding of a polypyridyl ligand. <i>Chemical Communications</i> , 2009, , 6062.	2.2	59
12	Direct Nano-Synthesis Methods Notably Benefit Mg-Battery Cathode Performance. <i>Small Methods</i> , 2020, 4, 2000029.	4.6	33
13	Impact of intermediate sites on bulk diffusion barriers: Mg intercalation in $Mg_2Mo_3O_8$ . <i>Journal of Materials Chemistry A</i> , 2016, 4, 17643-17648.	5.2	27
14	Oxygen excess in the $\epsilon$ -cobaltite hexagonal structure: The ferrimagnet $CaBaCo_4O_{7.5}$ . <i>Journal of Solid State Chemistry</i> , 2011, 184, 2588-2594.	1.4	18
15	$CaBaFe_4O_{7.5}$ $\text{CaBaFe}_4\text{O}_{7.5}$ $\text{O}$	1.1	17
16	Influence of the strontium content on the performance of $La_{1-x}Sr_xMnO_3/Bi_{1.5}Er_{0.5}O_3$ composite electrodes for low temperature Solid Oxide Fuel Cells. <i>Journal of Power Sources</i> , 2020, 450, 227649.	4.0	17
17	Tetragonal $YBaFe_4O_7$ : A stoichiometric polymorph of the $\epsilon$ -ferrite family. <i>Journal of Solid State Chemistry</i> , 2012, 191, 225-231.	1.4	15
18	Rich Crystal Chemistry and Magnetism of $\epsilon$ -Stoichiometric $LnBaFe_4O_7$ Ferrites. <i>Inorganic Chemistry</i> , 2013, 52, 10438-10448.	1.9	13

#	ARTICLE	IF	CITATIONS
19	Oxysulfide Ba <sub>5</sub> (VO <sub>2</sub> S <sub>2</sub> ) <sub>2</sub> (S <sub>2</sub> ) <sub>2</sub> Combining Disulfide Channels and Mixed-Anion Tetrahedra and Its Third-Harmonic-Generation Properties. <i>Inorganic Chemistry</i> , 2020, 59, 5907-5917.	1.9	10
20	Lifting the geometric frustration through a monoclinic distortion in $\alpha$ -YBaFe <sub>4</sub> O <sub>7.0</sub> : Magnetism and transport. <i>Journal of Solid State Chemistry</i> , 2013, 205, 225-235.	1.4	8
21	Photo-induced low temperature structural transition in the $\alpha$ -YBaFe <sub>4</sub> O <sub>7</sub> oxide. <i>Solid State Communications</i> , 2014, 182, 22-25.	0.9	7
22	Substitution effect of manganese for iron in $\alpha$ -YBaFe <sub>4</sub> O <sub>7</sub> ferrite: structure, magnetism and oxygen hyperstoichiometry. <i>Journal of Materials Chemistry</i> , 2012, 22, 18923.	6.7	6
23	Preparation, characterization and DFT+U study of the polar Fe <sup>3+</sup> -based phase Ba <sub>5</sub> Fe <sub>2</sub> ZnIn <sub>4</sub> S <sub>15</sub> containing S= 5/2 zigzag chains. <i>Dalton Transactions</i> , 0, , .	1.6	0