

# Annie HÃ©mon-Ribaud

## List of Publications by Year in descending order

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19  
papers

230  
citations

1163117

8  
h-index

996975

15  
g-index

19  
all docs

19  
docs citations

19  
times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation of mixed-metal (oxy)fluorides as a new class of water oxidation electrocatalysts. <i>Chemical Science</i> , 2019, 10, 9209-9218.	7.4	47
2	ZnAlF <sub>5</sub> ·[TAZ]: an Al fluorinated MOF of MIL-53(Al) topology with cationic {Zn(1,2,4 triazole)} <sup>2+</sup> linkers. <i>Journal of Materials Chemistry</i> , 2011, 21, 3949.	6.7	32
3	New series of hybrid fluoroferrates synthesized with triazoles: various dimensionalities and Mössbauer studies. <i>Dalton Transactions</i> , 2013, 42, 15748.	3.3	26
4	Amorphous Iron-Manganese Oxyfluorides, Promising Catalysts for Oxygen Evolution Reaction under Acidic Media. <i>ACS Applied Energy Materials</i> , 2021, 4, 1173-1181.	5.1	25
5	New Amorphous Iron-Based Oxyfluorides as Cathode Materials for High-Capacity Lithium-Ion Batteries. <i>Journal of Physical Chemistry C</i> , 2019, 123, 21386-21394.	3.1	18
6	Synthesis by Thermal Decomposition of Two Iron Hydroxyfluorides: Structural Effects of Li Insertion. <i>Chemistry of Materials</i> , 2019, 31, 4246-4257.	6.7	16
7	New iron tetrazolate frameworks: synthesis, temperature effect, thermal behaviour, Mössbauer and magnetic studies. <i>Dalton Transactions</i> , 2015, 44, 7951-7959.	3.3	15
8	Mixed metal-III-metal-IV hybrid fluorides. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 29-34.	1.7	10
9	First Mixed-Metal Fluoride Pyrochlores Obtained by Topotactic Oxidation of Ammonium Fluorides under F <sub>2</sub> Gas. <i>Crystal Growth and Design</i> , 2021, 21, 935-945.	3.0	9
10	Effect of the synthesis temperature on the dimensionality of hybrid fluorozincates. <i>Journal of Fluorine Chemistry</i> , 2016, 188, 164-170.	1.7	8
11	The Effects of Various Parameters of the Microwave-Assisted Solvothermal Synthesis on the Specific Surface Area and Catalytic Performance of MgF <sub>2</sub> Nanoparticles. <i>Materials</i> , 2020, 13, 3566.	2.9	5
12	Stabilization of a mixed iron vanadium based hexagonal tungsten bronze hydroxyfluoride HTB·(Fe <sub>0.55</sub> V <sub>0.45</sub> )F <sub>2.67</sub> (OH) <sub>0.33</sub> as a positive electrode for lithium-ion batteries. <i>Dalton Transactions</i> , 2020, 49, 8186-8193.	3.3	5
13	Highly efficient water oxidation via a bimolecular reaction mechanism on rutile structured mixed-metal oxyfluorides. <i>Chem Catalysis</i> , 2022, 2, 1114-1127.	6.1	5
14	NMR Crystallography, Hydrogen Bonding and Optical Properties of the Novel 2D Hybrid Oxyfluorotitanate [H <sub>2</sub> taz] <sub>2</sub> ·(Ti <sub>5</sub> O <sub>5</sub> F <sub>12</sub> ). <i>Crystal Growth and Design</i> , 2018, 18, 6873-6884.	3.0	3
15	Solvent effect on 3D topology of hybrid fluorides: Synthesis, structure and luminescent properties of Zn(II) coordination compounds. <i>Journal of Fluorine Chemistry</i> , 2018, 206, 48-53.	1.7	2
16	TIPS-Diazoacetone Aldol Addition: Mechanistic Aspects and Contribution to the Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 4917-4931.	3.2	1
17	MgF <sub>2</sub> -Based Organized Porous Inorganic Nanofluorides as Heterogeneous Catalysts for Fluorination of 2-Chloropyridine. <i>ACS Applied Nano Materials</i> , 2021, 4, 10601-10612.	5.0	1
18	Topotactic desolvation and condensation reactions of 3D Zn <sub>3</sub> TiF <sub>7</sub> (H <sub>2</sub> O) <sub>2</sub> (taz) <sub>3</sub> ·S (S = 3H <sub>2</sub> O or C <sub>2</sub> H <sub>5</sub> OH). <i>Dalton Transactions</i> , 2020, 49, 17758-17771.	3.3	1

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19	Synthesis, structural characterization, and spectroscopic studies of bis-tetraethylammonium hexabromostannate $[N(C_2H_5)_4]_2SnBr_6$ . Journal of Physics and Chemistry of Solids, 2022, , 110841.	4.0	1