

# Annie HÃ©mon-Ribaud

## List of Publications by Year in descending order

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19  
papers

230  
citations

1163117

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h-index

996975

15  
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19  
docs citations

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times ranked

252  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Synthesis, structural characterization, and spectroscopic studies of bis-tetraethylammonium hexabromostannate $[N(C_2H_5)_4]_2SnBr_6$ . <i>Journal of Physics and Chemistry of Solids</i> , 2022, , 110841.	4.0	1
3	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
4	TIPS-Diazoacetone Aldol Addition: Mechanistic Aspects and Contribution to the Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 4917-4931.	3.2	1
5	First Mixed-Metal Fluoride Pyrochlores Obtained by Topotactic Oxidation of Ammonium Fluorides under $F_2$ Gas. <i>Crystal Growth and Design</i> , 2021, 21, 935-945.	3.0	9
6	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
7	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
8	Stabilization of a mixed iron vanadium based hexagonal tungsten bronze hydroxyfluoride HTB $(Fe_{0.55}V_{0.45}F_{2.67}(OH)_{0.33})$ as a positive electrode for lithium-ion batteries. <i>Dalton Transactions</i> , 2020, 49, 8186-8193.	3.3	5
9	Topotactic desolvation and condensation reactions of 3D $Zn_3TiF_7(H_2O)_2(taz)_3 \cdot S$ ( $S = 3H_2O$ or $C_2H_5OH$ ). <i>Dalton Transactions</i> , 2020, 49, 17758-17771.	3.3	1
10	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
11	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
12	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
13	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
14	NMR Crystallography, Hydrogen Bonding and Optical Properties of the Novel 2D Hybrid Oxyfluorotitanate $[H_2(taz)]_2 \cdot (Ti_5O_5F_{12})$ . <i>Crystal Growth and Design</i> , 2018, 18, 6873-6884.	3.0	3
15	Effect of the synthesis temperature on the dimensionality of hybrid fluorozincates. <i>Journal of Fluorine Chemistry</i> , 2016, 188, 164-170.	1.7	8
16	New iron tetrazolate frameworks: synthesis, temperature effect, thermal behaviour, MÃ¶ssbauer and magnetic studies. <i>Dalton Transactions</i> , 2015, 44, 7951-7959.	3.3	15
17	New series of hybrid fluoroferrates synthesized with triazoles: various dimensionalities and MÃ¶ssbauer studies. <i>Dalton Transactions</i> , 2013, 42, 15748.	3.3	26
18	Mixed metalIII-metalIV hybrid fluorides. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 29-34.	1.7	10

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19	ZnAlF5Â·[TAZ]: an Al fluorinated MOF of MIL-53(Al) topology with cationic {Zn(1,2,4 triazole)}2+ linkers. Journal of Materials Chemistry, 2011, 21, 3949.	6.7	32