

JÃ©rÃ©me Lhoste

List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Synthesis, structural and electrical characterization of a new organic inorganic bromide: $[(C_3H_7)_4N]_2CoBr_4$. RSC Advances, 2022, 12, 2798-2809.	3.6	8
2	Highly efficient water oxidation via a bimolecular reaction mechanism on rutile structured mixed-metal oxyfluorides. Chem Catalysis, 2022, 2, 1114-1127.	6.1	5
3	Amorphous Iron-Manganese Oxyfluorides, Promising Catalysts for Oxygen Evolution Reaction under Acidic Media. ACS Applied Energy Materials, 2021, 4, 1173-1181.	5.1	25
4	TIPS-Diazoacetone Aldol Addition: Mechanistic Aspects and Contribution to the Synthesis. Journal of Organic Chemistry, 2021, 86, 4917-4931.	3.2	1
5	Î-Valerolactamic Quaternary Amino Acid Derivatives: Enantiodivergent Synthesis and Evidence for Stereodifferentiated Î-Turn-Inducing Properties. Journal of Organic Chemistry, 2021, 86, 8041-8055.	3.2	2
6	Controlled Morphology Synthesis of Nanostructured $\beta-AlF_3 \cdot x(OH)_x$ with Tunable Specific Surface Area. Crystal Growth and Design, 2021, 21, 5914-5927.	3.0	2
7	First Mixed-Metal Fluoride Pyrochlores Obtained by Topotactic Oxidation of Ammonium Fluorides under F_2 Gas. Crystal Growth and Design, 2021, 21, 935-945.	3.0	9
8	MgF ₂ -Based Organized Porous Inorganic Nanofluorides as Heterogeneous Catalysts for Fluorination of 2-Chloropyridine. ACS Applied Nano Materials, 2021, 4, 10601-10612.	5.0	1
9	Lanthanide Isophthalate Metal-Organic Frameworks: Crystal Structure, Thermal Behavior, and White Luminescence. European Journal of Inorganic Chemistry, 2021, 2021, 398-404.	2.0	3
10	The Effects of Various Parameters of the Microwave-Assisted Solvothermal Synthesis on the Specific Surface Area and Catalytic Performance of MgF ₂ Nanoparticles. Materials, 2020, 13, 3566.	2.9	5
11	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. Dalton Transactions, 2020, 49, 8186-8193.	3.3	5
12	Topotactic desolvation and condensation reactions of 3D $Zn_3TiF_7(H_2O)_2(taz)_3 \cdot S$ (S = 3H ₂ O or C ₂ H ₅ OH). Dalton Transactions, 2020, 49, 17758-17771.	3.3	1
13	New Amorphous Iron-Based Oxyfluorides as Cathode Materials for High-Capacity Lithium-Ion Batteries. Journal of Physical Chemistry C, 2019, 123, 21386-21394.	3.1	18
14	Strong magnetic exchange and frustrated ferrimagnetic order in a weberite-type inorganic-organic hybrid fluoride. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20180224.	3.4	6
15	Investigation of mixed-metal (oxy)fluorides as a new class of water oxidation electrocatalysts. Chemical Science, 2019, 10, 9209-9218.	7.4	47
16	Synthesis by Thermal Decomposition of Two Iron Hydroxyfluorides: Structural Effects of Li Insertion. Chemistry of Materials, 2019, 31, 4246-4257.	6.7	16
17	Solvent effect on 3D topology of hybrid fluorides: Synthesis, structure and luminescent properties of Zn(II) coordination compounds. Journal of Fluorine Chemistry, 2018, 206, 48-53.	1.7	2
18	NMR Crystallography, Hydrogen Bonding and Optical Properties of the Novel 2D Hybrid Oxyfluorotitanate $[H_2(taz)_2 \cdot (Ti_5O_5F_{12})]$. Crystal Growth and Design, 2018, 18, 6873-6884.	3.0	3

#	ARTICLE	IF	CITATIONS
19	A magnetisation and Mössbauer study of triazole (M _{1-x} ²⁺ M _x ³⁺)M ₃ F ₅ (Htaz) _{1-x} (taz) _x weberites (M = Fe, Co, Mn, Zn, Ga, V). Dalton Transactions, 2017, 46, 5352-5362.	1.7	8
20	Effect of the synthesis temperature on the dimensionality of hybrid fluorozincates. Journal of Fluorine Chemistry, 2016, 188, 164-170.	3.3	15
21	New iron tetrazolate frameworks: synthesis, temperature effect, thermal behaviour, Mössbauer and magnetic studies. Dalton Transactions, 2015, 44, 7951-7959.	1.2	6
22	Fluoroferrates with (i>dabco</i>H ₂) ²⁺ or (i>dabco</i>H) ⁺ Cations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1385-1391.	2.9	10
23	F ⁺ /OH ⁻ substitution in [H ₄ tren] ⁴⁺ and [H ₃ tren] ³⁺ hydroxyfluorotitanates(IV) and classification of tren cation configurations. Journal of Solid State Chemistry, 2014, 217, 72-79.	3.3	26
24	New series of hybrid fluoroferrates synthesized with triazoles: various dimensionalities and Mössbauer studies. Dalton Transactions, 2013, 42, 15748.	3.2	5
25	Crystal structure and optical properties of new OD-hybrid hydroxyfluorotitanates. Solid State Sciences, 2013, 24, 101-106.	1.7	10
26	Mixed metal ^{III} -metal ^{IV} hybrid fluorides. Journal of Fluorine Chemistry, 2012, 134, 29-34.	4.0	13
27	A New Organic-Inorganic Hybrid Oxyfluorotitanate [H ₂ gua] ₂ ·(Ti ₅ O ₅ F ₁₂) as a Transparent UV Filter. Inorganic Chemistry, 2011, 50, 5671-5678.	3.2	11
28	Crystal chemistry of three new monodimensional fluorometalates templated with ethylenediamine. Solid State Sciences, 2009, 11, 1582-1586.	6.7	64
29	Nanostructured Aluminium Hydroxyfluorides Derived from β -AlF ₃ . Chemistry of Materials, 2008, 20, 1459-1469.	2.5	0
30	Crystal structure, phase transitions and Raman scattering in the new non-centrosymmetric [(C) Tj ETQqO O O rgBT /Overlock 10 Tf 50 compound. Journal of Raman Spectroscopy, 0, , .		