

JÃ©rÃ©me Lhoste

List of Publications by Year in descending order

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30
papers

336
citations

933447

10
h-index

888059

17
g-index

30
all docs

30
docs citations

30
times ranked

318
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructured Aluminium Hydroxyfluorides Derived from $\text{H}_2\text{-AlF}_3$. Chemistry of Materials, 2008, 20, 1459-1469.	6.7	64
2	Investigation of mixed-metal (oxy)fluorides as a new class of water oxidation electrocatalysts. Chemical Science, 2019, 10, 9209-9218.	7.4	47
3	New series of hybrid fluoroferrates synthesized with triazoles: various dimensionalities and Mössbauer studies. Dalton Transactions, 2013, 42, 15748.	3.3	26
4	Amorphous Iron-Manganese Oxyfluorides, Promising Catalysts for Oxygen Evolution Reaction under Acidic Media. ACS Applied Energy Materials, 2021, 4, 1173-1181.	5.1	25
5	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
6	Synthesis by Thermal Decomposition of Two Iron Hydroxyfluorides: Structural Effects of Li Insertion. Chemistry of Materials, 2019, 31, 4246-4257.	6.7	16
7	New iron tetrazolate frameworks: synthesis, temperature effect, thermal behaviour, Mössbauer and magnetic studies. Dalton Transactions, 2015, 44, 7951-7959.	3.3	15
8	A New Organic-Inorganic Hybrid Oxyfluorotitanate $[\text{H}_2\text{gua}]_2 \cdot \text{Ti}_5\text{O}_5\text{F}_{12}$ as a Transparent UV Filter. Inorganic Chemistry, 2011, 50, 5671-5678.	4.0	13
9	Crystal chemistry of three new monodimensional fluorometalates templated with ethylenediamine. Solid State Sciences, 2009, 11, 1582-1586.	3.2	11
10	Mixed metal-IV hybrid fluorides. Journal of Fluorine Chemistry, 2012, 134, 29-34.	1.7	10
11	OH^- substitution in $[\text{H}_4\text{tren}]^{4+}$ and $[\text{H}_3\text{tren}]^{3+}$ hydroxyfluorotitanates(IV) and classification of tren cation configurations. Journal of Solid State Chemistry, 2014, 217, 72-79.	2.9	10
12	A magnetisation and Mössbauer study of triazole $(\text{M}^{1-x}\text{M}^{2+})_3\text{M}^{3+}\text{F}_5(\text{Htaz})_x(\text{taz})_{1-x}$ weberites (M = Fe, Co, Mn, Zn, Ga, V). Dalton Transactions, 2017, 46, 5352-5362.	3.1	9
13	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
14	Effect of the synthesis temperature on the dimensionality of hybrid fluorozincates. Journal of Fluorine Chemistry, 2016, 188, 164-170.	1.7	8
15	Synthesis, structural and electrical characterization of a new organic inorganic bromide: $[(\text{C}_3\text{H}_7)_4\text{N}]_2\text{CoBr}_4$. RSC Advances, 2022, 12, 2798-2809.	3.6	8
16	Fluoroferrates with $(\text{dabco})_2\text{H}_2$ or $(\text{dabco})_3\text{H}$ Cations. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 2014, 640, 1385-1391.	1.2	6
17	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
18	Crystal structure and optical properties of new OD-hybrid hydroxyfluorotitanates. Solid State Sciences, 2013, 24, 101-106.	3.2	5

#	ARTICLE	IF	CITATIONS
19	The Effects of Various Parameters of the Microwave-Assisted Solvothermal Synthesis on the Specific Surface Area and Catalytic Performance of MgF ₂ Nanoparticles. <i>Materials</i> , 2020, 13, 3566.	2.9	5
20	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
21	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
22	NMR Crystallography, Hydrogen Bonding and Optical Properties of the Novel 2D Hybrid Oxyfluorotitanate [H ₂ taz ₂ ·(Ti ₅ O ₅ F ₁₂)]. <i>Crystal Growth and Design</i> , 2018, 18, 6873-6884.	3.0	3
23	Lanthanide Isophthalate Metal-Organic Frameworks: Crystal Structure, Thermal Behavior, and White Luminescence. <i>European Journal of Inorganic Chemistry</i> , 2021, 2021, 398-404.	2.0	3
24	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
25	Î-Valerolactamic Quaternary Amino Acid Derivatives: Enantiodivergent Synthesis and Evidence for Stereodifferentiated Î ² -Turn-Inducing Properties. <i>Journal of Organic Chemistry</i> , 2021, 86, 8041-8055.	3.2	2
26	Controlled Morphology Synthesis of Nanostructured Î ² -AlF ₃ ·x(OH) _x with Tunable Specific Surface Area. <i>Crystal Growth and Design</i> , 2021, 21, 5914-5927.	3.0	2
27	TIPS-Diazoacetone Aldol Addition: Mechanistic Aspects and Contribution to the Synthesis. <i>Journal of Organic Chemistry</i> , 2021, 86, 4917-4931.	3.2	1
28	MgF ₂ -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
29	Topotactic desolvation and condensation reactions of 3D Zn ₃ TiF ₇ (H ₂ O) ₂ (taz) ₃ ·S (S = 3H ₂ O or C ₂ H ₅ OH). <i>Dalton Transactions</i> , 2020, 49, 17758-17771.	3.3	1
30	Crystal structure, phase transitions and Raman scattering in the new non-centrosymmetric [(C) Tj ETQqO O O rgBT /Overlock 10 Tf 50 compound. <i>Journal of Raman Spectroscopy</i> , 0, , .	2.5	0