

# François Goutenoire

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,530  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1068  
citing authors

#	ARTICLE	IF	CITATIONS
1	Partial re-investigation of the ternary diagram $\text{La}_2\text{O}_3$ – $\text{Nb}_2\text{O}_5$ – $\text{CaO}$ , synthesis and characterization of the $\text{Ca}_2\text{La}_3\text{Nb}_3\text{O}_{14}$ and $\text{Ca}_8\text{La}_8\text{Nb}_{14}\text{O}_{56}$ compounds. <i>Journal of Solid State Chemistry</i> , 2022, 314, 123390.	2.9	0
2	Effect of additives SiC on the hydration and the crystallization processes of gypsum. <i>Construction and Building Materials</i> , 2020, 235, 117479.	7.2	10
3	Controllable microstructure tailoring for regulating conductivity in Al-doped ZnO ceramics. <i>Journal of the European Ceramic Society</i> , 2020, 40, 349-354.	5.7	19
4	Ab Initio Structure Determination of $\text{La}_{34}\text{Mo}_8\text{O}_{75}$ Using Powder X-ray and Neutron Diffraction Data. <i>Crystal Growth and Design</i> , 2019, 19, 6074-6081.	3.0	9
5	Design of lanthanide metal organic frameworks incorporating dicarboxylate ligands. <i>Journal of Porous Materials</i> , 2019, 26, 1679-1689.	2.6	4
6	Supramolecular and heterometallic architectures based on $[\text{Fe}(\text{CN})_6]^{3-}$ metallotectons and diverse organic cations: Crystal structure, Hirshfeld surface analysis, spectroscopic and thermal properties. <i>Inorganica Chimica Acta</i> , 2019, 486, 36-47.	2.4	4
7	Room-temperature synthesis of a new stable $(\text{N}_2\text{H}_4)\text{WO}_3$ compound: a route for hydrazine trapping. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2019, 75, 127-133.	1.1	2
8	Study of modified gypsum binder. <i>Construction and Building Materials</i> , 2017, 149, 535-542.	7.2	49
9	Supramolecular architecture based on $[\text{Fe}(\text{CN})_6]^{3-}$ metallotectons and melaminium synthons. <i>Journal of Molecular Structure</i> , 2017, 1146, 409-416.	3.6	11
10	$\text{La}_{10}\text{W}_2\text{O}_{21}$ : An Anion-Deficient Fluorite-Related Superstructure with Oxide Ion Conduction. <i>Inorganic Chemistry</i> , 2014, 53, 147-159.	4.0	24
11	Lattice Dynamics of $\hat{\Gamma}_2$ - $\text{SnWO}_4$ : Experimental and Ab Initio Calculations. <i>Journal of Physical Chemistry C</i> , 2013, 117, 5301-5313.	3.1	10
12	Synthesis and Structure Determination of the High Temperature Form of $\text{La}_2\text{WO}_6$ . <i>Crystal Growth and Design</i> , 2011, 11, 5105-5112.	3.0	20
13	Structure Determination of $\text{La}_{18}\text{W}_{10}\text{O}_{57}$ . <i>Inorganic Chemistry</i> , 2009, 48, 6566-6572.	4.0	15
14	Neutron Powder Diffraction, Multinuclear, and Multidimensional NMR Structural Investigation of $\text{Pb}_5\text{Ga}_3\text{F}_{19}$ . <i>Inorganic Chemistry</i> , 2008, 47, 10895-10905.	4.0	19
15	Crystal structure of lanthanum bismuth silicate $\text{Bi}_2 \times \text{La}_x \text{SiO}_5$ ( $x \approx 0.1$ ). <i>Journal of Solid State Chemistry</i> , 2006, 179, 4020-4028.	2.9	36
16	Sintering and electrical conductivity in fast oxide ion conductors $\text{La}_2 \times \text{R}_x \text{Mo}_2 \times \text{yW}_y \text{O}_9$ (R: Nd, Gd, Y). <i>Journal of the European Ceramic Society</i> , 2005, 25, 3619-3627.	5.7	74
17	Effects of Partial Substitution of $\text{Mo}^{6+}$ by $\text{Cr}^{6+}$ and $\text{W}^{6+}$ on the Crystal Structure of the Fast Oxide-Ion Conductor Structural Effects of $\text{W}^{6+}$ . <i>Chemistry of Materials</i> , 2005, 17, 4678-4684.	6.7	110
18	Reducibility of fast oxide-ion conductors $\text{La}_2 \times \text{R}_x \text{Mo}_2 \times \text{yW}_y \text{O}_9$ (R = Nd, Gd). <i>Journal of Materials Chemistry</i> , 2003, 13, 2317-2321.	6.7	98

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19	Synthesis and Characterization of the Anionic Conductor System $\text{La}_2\text{Mo}_2\text{O}_9-0.5x\text{F}_x$ ( $x=0.02\sim 0.30$ ). Chemistry of Materials, 2002, 14, 2492-2498.	6.7	57
20	Designing fast oxide-ion conductors based on $\text{La}_2\text{Mo}_2\text{O}_9$ . Nature, 2000, 404, 856-858.	27.8	668
21	Crystal Structure of $\text{La}_2\text{Mo}_2\text{O}_9$ , a New Fast Oxide Ion Conductor. Chemistry of Materials, 2000, 12, 2575-2580.	6.7	291