

Marc Leblanc

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Stabilization of a mixed iron vanadium based hexagonal tungsten bronze hydroxyfluoride $HTB_{0.55}Fe_{0.45}V_{2.67}(OH)_{0.33}$ as a positive electrode for lithium-ion batteries. <i>Dalton Transactions</i> , 2020, 49, 8186-8193.	3.3	5
3	Topotactic desolvation and condensation reactions of 3D $Zn_{3}TiF_{7}(H_{2}O)_{2}(taz)_{3} \cdot S$ ($S = 3H_{2}O$ or $C_{2}H_{5}OH$). <i>Dalton Transactions</i> , 2020, 49, 17758-17771.	3.3	1
4	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
5	Strong magnetic exchange and frustrated ferrimagnetic order in a weberite-type inorganic-organic hybrid fluoride. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20180224.	3.4	6
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	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
8	NMR Crystallography, Hydrogen Bonding and Optical Properties of the Novel 2D Hybrid Oxyfluorotitanate $[H_{2}taz]_{2} \cdot (Ti_{5}O_{5}F_{12})$. <i>Crystal Growth and Design</i> , 2018, 18, 6873-6884.	3.0	3
9	A magnetisation and Mössbauer study of triazole $(M_{1-x}M_{2+x}M_{3+y}F_{5})(Htaz)_{3} \cdot (taz)_{x}$ weberites ($M = Fe, Co, Mn, Zn, Ga, V$). <i>Dalton Transactions</i> , 2017, 46, 5352-5362.	3.1	3
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	New iron tetrazolate frameworks: synthesis, temperature effect, thermal behaviour, Mössbauer and magnetic studies. <i>Dalton Transactions</i> , 2015, 44, 7951-7959.	3.3	15
12	Crystal Chemistry and Selected Physical Properties of Inorganic Fluorides and Oxide-Fluorides. <i>Chemical Reviews</i> , 2015, 115, 1191-1254.	47.7	135
13	F/OH substitution in $[H_{4}tren]^{4+}$ and $[H_{3}tren]^{3+}$ hydroxyfluorotitanates(IV) and classification of tren cation configurations. <i>Journal of Solid State Chemistry</i> , 2014, 217, 72-79.	2.9	10
14	New series of hybrid fluoroferrates synthesized with triazoles: various dimensionalities and Mössbauer studies. <i>Dalton Transactions</i> , 2013, 42, 15748.	3.3	26
15	Crystal structure and optical properties of new 0D-hybrid hydroxyfluorotitanates. <i>Solid State Sciences</i> , 2013, 24, 101-106.	3.2	5
16	Mixed metal-IV hybrid fluorides. <i>Journal of Fluorine Chemistry</i> , 2012, 134, 29-34.	1.7	10
17	A New Organic-Inorganic Hybrid Oxyfluorotitanate $[H_{2}gua]_{2} \cdot (Ti_{5}O_{5}F_{12})$ as a Transparent UV Filter. <i>Inorganic Chemistry</i> , 2011, 50, 5671-5678.	4.0	13
18	$ZnAlF_{5} \cdot [TAZ]$: an Al fluorinated MOF of MIL-53(Al) topology with cationic $\{Zn(1,2,4 \text{ triazole})\}_{2+}$ linkers. <i>Journal of Materials Chemistry</i> , 2011, 21, 3949.	6.7	32

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19	Crystal chemistry of three new monodimensional fluorometalates templated with ethylenediamine. Solid State Sciences, 2009, 11, 1582-1586.	3.2	11
20	[H4tren]3/2·(Al6F24)·3H2O, the most condensed fluoride in the Al(OH)3-tren-HFaq.-ethanol system. Solid State Sciences, 2007, 9, 531-534.	3.2	14
21	From Isolated Polyanions to 1-D Structure: Synthesis and Crystal Structure of Hybrid Fluorides $\{[(C_2H_4NH_3)_3NH]_4^+\}_2 \cdot \text{H}_3O^+ \cdot [Al_7F_{30}]^{9-}$ and $\{[(C_2H_4NH_3)_3NH]_4^+\}_2 \cdot [Al_7F_{29}]^{8-} \cdot (H_2O)_2$. Zeitschrift für Anorganische Und Allgemeine Chemie, 2002, 628, 162-166.		
22	Crystal structure refinement of the inverse weberite		