

# Louisiane Verger

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

1,312  
citations

686830

13  
h-index

752256

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

2009  
citing authors

#	ARTICLE	IF	CITATIONS
1	Overview of the synthesis of MXenes and other ultrathin 2D transition metal carbides and nitrides. <i>Current Opinion in Solid State and Materials Science</i> , 2019, 23, 149-163.	5.6	353
2	MXenes: An Introduction of Their Synthesis, Select Properties, and Applications. <i>Trends in Chemistry</i> , 2019, 1, 656-669.	4.4	302
3	Effect of Edge Charges on Stability and Aggregation of $Ti_{3}C_{2}T_{z}$ MXene Colloidal Suspensions. <i>Journal of Physical Chemistry C</i> , 2018, 122, 27745-27753.	1.5	150
4	The ID21 X-ray and infrared microscopy beamline at the ESRF: status and recent applications to artistic materials. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 477-493.	1.6	140
5	Beyond Gold: Spin-Coated $Ti_{3}C_{2}$ -Based MXene Photodetectors. <i>Advanced Materials</i> , 2019, 31, e1903271.	11.1	114
6	Effect of Cationic Exchange on the Hydration and Swelling Behavior of $Ti_{3}C_{2}T_{z}$ MXenes. <i>Journal of Physical Chemistry C</i> , 2019, 123, 20044-20050.	1.5	45
7	Anisotropic thermal expansions of select layered ternary transition metal borides: $MoAlB$ , $Cr_{2}AlB_{2}$ , $Mn_{2}AlB_{2}$ , and $Fe_{2}AlB_{2}$ . <i>Journal of Applied Physics</i> , 2018, 124, .	1.1	39
8	Mapping Hot Spots at Heterogeneities of Few-Layer $Ti_{3}C_{2}$ MXene Sheets. <i>ACS Nano</i> , 2019, 13, 3301-3309.	7.3	29
9	Tuning Thermal Transport Through Atomically Thin $Ti_{3}C_{2}T_{z}$ MXene by Current Annealing in Vacuum. <i>Advanced Functional Materials</i> , 2019, 29, 1805693.	7.8	25
10	Magnetic ordering in the nano-laminar ternary $Mn_{2}AlB_{2}$ using neutron and X-ray diffraction. <i>Journal of Magnetism and Magnetic Materials</i> , 2019, 471, 468-474.	1.0	20
11	Synthesis, properties and uses of chromium-based pigments from the Manufacture de Sèvres. <i>Journal of Cultural Heritage</i> , 2018, 30, 26-33.	1.5	18
12	Spectroscopic properties of $Cr^{3+}$ in the spinel solid solution $ZnAl_{2-x}Cr_{x}O_{4}$ . <i>Physics and Chemistry of Minerals</i> , 2016, 43, 33-42.	0.3	16
13	Interaction between Cr-bearing pigments and transparent glaze: A transmission electron microscopy study. <i>Journal of Non-Crystalline Solids</i> , 2017, 459, 184-191.	1.5	15
14	Thermal stability of the nanolayered $Fe_{2}AlB_{2}$ in nitrogen and argon atmospheres. <i>Journal of the American Ceramic Society</i> , 2021, 104, 733-739.	1.9	10
15	Mechanochemical synthesis and structural characterization of gallium sulfide $Ga_{2}S_{3}$ . <i>Journal of Solid State Chemistry</i> , 2020, 292, 121743.	1.4	9
16	The stability of gahnite doped with chromium pigments in glazes from the French manufacture of Sèvres. <i>Journal of the American Ceramic Society</i> , 2017, 100, 86-95.	1.9	8
17	New synthesis route for glasses and glass-ceramics in the $Ga_{2}S_{3}Na_{2}S$ binary system. <i>Materials Research Bulletin</i> , 2021, 142, 111423.	2.7	8
18	Sodium Electrochemical Deintercalation and Intercalation in $O_{3}$ - $NaRhO_{2}$ and $P_{2}$ - $Na_{x}RhO_{2}$ Layered Oxides. <i>Inorganic Chemistry</i> , 2019, 58, 2543-2549.	1.9	5

#	ARTICLE	IF	CITATIONS
19	Reactivity of chromium-based pigments in a porcelain glaze. Comptes Rendus Physique, 2018, 19, 589-598.	0.3	3
20	Mxene Photodetectors: Beyond Gold: Spin-Coated Ti <sub>3</sub> C <sub>2</sub> -Based MXene Photodetectors (Adv. Mater. 43/2019). Advanced Materials, 2019, 31, 1970307.	11.1	3
21	Couleurs et Œmaux. Des dŒcors de la Manufacture de SŒvres Œ la rŒactivitŒ des pigments. , 2019, , 26-29.0.1		0