

Gael Poirier

List of Publications by Year in descending order

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39
papers

1,086
citations

430874

18
h-index

395702

33
g-index

39
all docs

39
docs citations

39
times ranked

831
citing authors

#	ARTICLE	IF	CITATIONS
1	Spherulitic crystallization of quartz-like GeO ₂ and correlated second harmonic generation in sodium tantalum germanate glasses. <i>Journal of Alloys and Compounds</i> , 2021, 877, 160245.	5.5	2
2	Multicolor tunable and NIR broadband emission from rare-earth-codoped tantalum germanate glasses and nanostructured glass-ceramics. <i>Journal of Luminescence</i> , 2021, 239, 118357.	3.1	8
3	Transparent Glasses and Glass-Ceramics in the Ternary System TeO ₂ -Nb ₂ O ₅ -PbF ₂ . <i>Materials</i> , 2021, 14, 317.	2.9	13
4	Second Harmonic Generation in Sodium Tantalum Germanate Glasses by Thermal Poling. <i>Journal of Physical Chemistry C</i> , 2019, 123, 26528-26535.	3.1	16
5	Structural and optical study of glasses in the TeO ₂ -GeO ₂ -PbF ₂ ternary system. <i>Journal of Non-Crystalline Solids</i> , 2017, 463, 158-162.	3.1	9
6	GLASSY MATERIALS AND LIGHT: PART 1. <i>Quimica Nova</i> , 2016, , .	0.3	0
7	GLASSY MATERIALS AND LIGHT: PART 2. <i>Quimica Nova</i> , 2016, , .	0.3	0
8	Thermal, Structural, and Crystallization Properties of New Tantalum Alkali- Germanate Glasses. <i>Journal of the American Ceramic Society</i> , 2015, 98, 2086-2093.	3.8	19
9	Crystallization in Lead Tungsten Fluorophosphate Glasses. <i>Materials Research</i> , 2015, 18, 228-232.	1.3	5
10	Thermal, Structural and Crystallization Study of Niobium Potassium Phosphate Glasses. <i>Materials Research</i> , 2015, 18, 13-16.	1.3	12
11	Effect of lead fluoride incorporation on the structure and luminescence properties of tungsten sodium phosphate glasses. <i>Optical Materials</i> , 2015, 49, 249-254.	3.6	12
12	Thermal and structural properties of tantalum alkali-phosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2014, 402, 44-48.	3.1	21
13	Thermal and structural study of glasses in the binary system TeO ₂ -Pb(PO ₃) ₂ . <i>Journal of Non-Crystalline Solids</i> , 2013, 379, 180-184.	3.1	4
14	Crystallization behavior of a barium titanate tellurite glass doped with Eu ³⁺ and Er ³⁺ . <i>Optical Materials</i> , 2013, 35, 1141-1145.	3.6	30
15	Glasses on the Nanoscale. , 2013, , 665-692.		3
16	Structural investigations of tungsten silver phosphate glasses by solid state NMR, vibrational and X-ray absorption near edge spectroscopies. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2126-2131.	3.1	12
17	Glasses and glass-ceramics in the oxyfluoride ternary system Pb(PO ₃) ₂ -WO ₃ -PbF ₂ . <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 3345-3350.	3.1	11
18	Thermal, structural and optical properties of new tungsten lead-pyrophosphate glasses. <i>Optical Materials</i> , 2011, 33, 1862-1866.	3.6	25

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19	Erbium-doped sodium-lead and tungsten-lead metaphosphate glasses for temperature sensing. , 2011, , .		0
20	Structural study of glasses in the binary system NaPO ₃ â€“MoO ₃ by X-ray absorption spectroscopy at the Mo K and L3 edges. Materials Chemistry and Physics, 2010, 120, 501-504.	4.0	7
21	Crystallization of monoclinic WO ₃ in tungstate fluorophosphate glasses. Journal of Non-Crystalline Solids, 2009, 355, 441-446.	3.1	38
22	Crystallization study of molybdate phosphate glasses by thermal analysis. Journal of Non-Crystalline Solids, 2009, 355, 2279-2284.	3.1	8
23	Structural study of thin films prepared from tungstate glass matrix by Raman and X-ray absorption spectroscopy. Applied Surface Science, 2008, 254, 5552-5556.	6.1	9
24	Redox Behavior of Molybdenum and Tungsten in Phosphate Glasses. Journal of Physical Chemistry B, 2008, 112, 4481-4487.	2.6	80
25	Structural Studies of NaPO ₃ âˆ™MoO ₃ Glasses by Solid-State Nuclear Magnetic Resonance and Raman Spectroscopy. Journal of Physical Chemistry B, 2007, 111, 10109-10117.	2.6	89
26	Excited state dynamics of the Ho ³⁺ ions in holmium singly doped and holmium, praseodymium-codoped fluoride glasses. Journal of Applied Physics, 2007, 101, 123111.	2.5	52
27	Photochromic properties of tungstate-based glasses. Solid State Ionics, 2007, 178, 871-875.	2.7	37
28	Structural studies of NaPO ₃ â€“WO ₃ glasses by solid state NMR and Raman spectroscopy. Journal of Materials Chemistry, 2006, 16, 3277-3284.	6.7	86
29	Optical properties and energy transfer processes in (Tm ³⁺ , Nd ³⁺) doped tungstate fluorophosphate glass. Journal of Applied Physics, 2006, 99, 113525.	2.5	6
30	Bulk photochromism in a tungstate-phosphate glass: A new optical memory material?. Journal of Chemical Physics, 2006, 125, 161101.	3.0	60
31	Structural study of tungstate fluorophosphate glasses by Raman and X-ray absorption spectroscopy. Journal of Solid State Chemistry, 2005, 178, 1533-1538.	2.9	85
32	New tungstate fluorophosphate glasses. Journal of Non-Crystalline Solids, 2005, 351, 293-298.	3.1	69
33	Local order around tungsten atoms in tungstate fluorophosphate glasses by X-ray absorption spectroscopy. Journal of Non-Crystalline Solids, 2005, 351, 3644-3648.	3.1	35
34	Optical spectroscopy and frequency upconversion properties of Tm ³⁺ doped tungstate fluorophosphate glasses. Journal of Applied Physics, 2003, 93, 1493-1497.	2.5	65
35	Optical properties and frequency upconversion fluorescence in a Tm ³⁺ -doped alkali niobium tellurite glass. Journal of Applied Physics, 2003, 93, 3259-3263.	2.5	37
36	Optical limiting behavior of tungstate fluorophosphate glasses. , 2003, 4829, 107.		0

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37	Tungstate fluorophosphate glasses as optical limiters. <i>Journal of Applied Physics</i> , 2002, 91, 10221.	2.5	45
38	Nonlinear optical absorption of antimony and lead oxyhalide glasses. <i>Applied Physics Letters</i> , 2002, 81, 4694-4696.	3.3	41
39	Copper and lead halogeno-antimoniate glasses. <i>Journal of Non-Crystalline Solids</i> , 2001, 284, 117-122.	3.1	35