

Ronan Lebullenger

List of Publications by Year in descending order

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61
papers

1,415
citations

361045

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344852

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62
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docs citations

62
times ranked

1410
citing authors

#	ARTICLE	IF	CITATIONS
1	Optical properties of Sm ³⁺ doped lead fluoroborate glasses. Journal of Physics and Chemistry of Solids, 2000, 61, 1535-1542.	1.9	166
2	Electric conductivity and relaxation in fluoride, fluorophosphate and phosphate glasses: analysis by impedance spectroscopy. Solid State Ionics, 2002, 146, 329-339.	1.3	166
3	Temperature dependence of thermo-optical properties of fluoride glasses determined by thermal lens spectrometry. Physical Review B, 1999, 60, 15173-15178.	1.1	80
4	Er ³⁺ :Yb ³⁺ codoped lead fluoroindogallate glasses for mid infrared and upconversion applications. Journal of Applied Physics, 1999, 85, 2502-2507.	1.1	80
5	Glass foams for environmental applications. Journal of Non-Crystalline Solids, 2010, 356, 2562-2568.	1.5	63
6	Multiwavelength thermal lens determination of fluorescence quantum efficiency of solids: Application to Nd ³⁺ -doped fluoride glass. Applied Physics Letters, 2001, 78, 3220-3222.	1.5	54
7	Properties of glasses from fluoride to phosphate composition. Journal of Non-Crystalline Solids, 2001, 284, 55-60.	1.5	51
8	Evaluation of the energy transfer rate for the Yb ³⁺ :Pr ³⁺ system in lead fluoroindogallate glasses. Journal of Applied Physics, 1999, 86, 3144-3148.	1.1	37
9	Mid-infrared hollow core fiber drawn from a 3D printed chalcogenide glass preform. Optical Materials Express, 2021, 11, 198.	1.6	37
10	Optical properties of erbium doped antimony based glasses: Promising visible and infrared amplifiers materials. Physica Status Solidi (B): Basic Research, 2012, 249, 2213-2221.	0.7	31
11	Impact of the sintering temperature on the structural, magnetic and electrical transport properties of doped La _{0.67} Ba _{0.33} Mn _{0.9} Cr _{0.1} O ₃ manganite. Journal of Magnetism and Magnetic Materials, 2012, 324, 2821-2828.	1.0	31
12	Evidence of higher-order mechanisms than dipole-dipole interaction in Tm ³⁺ energy transfer in fluoroindogallate glasses. Physical Review B, 2002, 65, .	1.1	28
13	High-pressure dependence of Sm ³⁺ emission in PbO-PbF ₂ -B ₂ O ₃ glasses. Journal of Materials Science Letters, 2000, 19, 135-137.	0.5	27
14	Thermal and optical properties of chalcogen halide glass. Journal of Non-Crystalline Solids, 2001, 284, 203-209.	1.5	27
15	Waste-glass recycling: A step toward microwave applications. Materials Research Bulletin, 2015, 67, 261-265.	2.7	27
16	Systematic substitutions in ZBLA and ZBLAN glasses. Journal of Non-Crystalline Solids, 1993, 161, 217-221.	1.5	26
17	Optical measurements of Nd ³⁺ /Yb ³⁺ codoped fluoroindogallate glasses. Journal of Non-Crystalline Solids, 2000, 273, 233-238.	1.5	24
18	Ceramic crucibles: a new alternative for melting of PbO-BiO _{1.5} -GaO _{1.5} glasses. Journal of Non-Crystalline Solids, 2003, 319, 304-310.	1.5	23

#	ARTICLE	IF	CITATIONS
19	Electronic and thermal contributions to the non-linear refractive index of Nd ³⁺ ion-doped fluoride glasses. <i>Journal of Non-Crystalline Solids</i> , 2000, 273, 257-265.	1.5	22
20	Thermal lens measurements of fluorescence quantum efficiency in Nd ³⁺ -doped fluoride glasses. <i>Journal of Non-Crystalline Solids</i> , 2001, 284, 255-260.	1.5	22
21	Excess entropy and thermal behavior of Cu- and Ti-doped bioactive glasses. <i>Journal of Thermal Analysis and Calorimetry</i> , 2014, 117, 579-588.	2.0	21
22	Structural investigation of fluorophosphate glasses by ¹⁹ F, ³¹ P MAS-NMR and IR spectroscopy. <i>Journal of Non-Crystalline Solids</i> , 2015, 414, 16-20.	1.5	21
23	Time-resolved thermal lens measurements of thermo-optical properties of fluoride glasses. <i>Journal of Non-Crystalline Solids</i> , 1999, 256-257, 337-342.	1.5	20
24	Chemical tunability of europium emission in phosphate glasses. <i>Journal of Luminescence</i> , 2017, 183, 53-61.	1.5	20
25	Synthesis and characterization of tin containing molybdophosphate and tungstophosphate glasses. <i>Journal of Non-Crystalline Solids</i> , 2010, 356, 87-92.	1.5	18
26	Preparation of niobium based oxynitride nanosheets by exfoliation of Ruddlesden-Popper phase precursor. <i>Solid State Sciences</i> , 2016, 54, 17-21.	1.5	18
27	Synthesis and physical properties of glasses in the Sb ₂ O ₃ -PbCl ₂ -MoO ₃ system. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 3572-3577.	1.5	17
28	Characteristics of PbO-Bi _{1.5} O _{1.5} -GaO _{1.5} Glasses Melted in SnO ₂ Crucibles. <i>Journal of the American Ceramic Society</i> , 1998, 81, 705-708.	1.9	16
29	SrSnO ₃ :N Nitridation and evaluation of photocatalytic activity. <i>Journal of Alloys and Compounds</i> , 2015, 649, 491-494.	2.8	16
30	Green foams for microwave absorbing applications: Synthesis and characterization. <i>Materials Research Bulletin</i> , 2017, 96, 100-106.	2.7	16
31	Time-resolved study of thermal and electronic nonlinearities in Nd ³⁺ doped fluoride glasses. <i>Electronics Letters</i> , 1998, 34, 117.	0.5	16
32	The Challenge of 3D Bioprinting of Composite Natural Polymers PLA/Bioglass: Trends and Benefits in Cleft Palate Surgery. <i>Biomedicines</i> , 2021, 9, 1553.	1.4	16
33	BiO _{1.5} -BO _{1.5} -GeO ₂ glass system and crystallization of Bi ₄ Ge ₃ O ₁₂ phase. <i>Journal of Non-Crystalline Solids</i> , 2000, 273, 94-99.	1.5	15
34	Crystallization pathways and some properties of lithium disilicate oxynitride glasses. <i>Ceramics International</i> , 2017, 43, 12348-12356.	2.3	15
35	Microwave synthesis and physical characterization of tin(II) phosphate glasses. <i>Journal of Materials Science</i> , 2010, 45, 2916-2920.	1.7	14
36	Glass formation in the Sb ₂ O ₃ -CdCl ₂ -SrCl ₂ ternary system. <i>Journal of Non-Crystalline Solids</i> , 2011, 357, 2984-2988.	1.5	14

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37	Glass Recycling. Springer Handbooks, 2019, , 1355-1377.	0.3	14
38	Investigation on Chalcogenide Glass Additive Manufacturing for Shaping Mid-infrared Optical Components and Microstructured Optical Fibers. Crystals, 2021, 11, 228.	1.0	12
39	Thermal and elastic characterization of Sb ₂ O ₃ -Na ₂ O-ZnO glasses. Physica Scripta, 2013, T157, 014029.	1.2	9
40	Semi-transparent barium borate surface crystallization for second harmonic generation. Journal of Non-Crystalline Solids, 2005, 351, 1372-1376.	1.5	8
41	Characterization of NaPO ₃ -SnO ₂ -WO ₃ glasses prepared by microwave heating. Journal of Materials Science, 2010, 45, 6505-6510.	1.7	8
42	Development of a Sustainable Heterogeneous Catalyst Based on an Open-Cell Glass Foam Support: Application in Gas-Phase Ozone Decomposition. ACS Sustainable Chemistry and Engineering, 2020, 8, 2854-2864.	3.2	7
43	Broadband blue emission from ZnO amorphous nanodomains in zinc phosphate oxynitride glass. Optics Letters, 2018, 43, 5845.	1.7	7
44	Structure and ionic conductivity of nitrated lithium disilicate (LiSiON) glasses. Materials Chemistry and Physics, 2018, 211, 438-444.	2.0	6
45	Oxyfluoride glasses containing LiNbO ₃ . Journal of Non-Crystalline Solids, 1999, 247, 35-38.	1.5	5
46	Photon avalanche upconversion in Tm ³⁺ -doped fluoroindogallate glasses. Journal of Physics Condensed Matter, 2002, 14, 5651-5663.	0.7	5
47	Novel and Sustainable Catalytic Ruthenium-Doped Glass Foam for Thermocatalytic Oxidation of Volatile Organic Compounds: An Experimental and Modeling Study. Industrial & Engineering Chemistry Research, 2020, 59, 14758-14766.	1.8	5
48	Synthesis of high purity fluorides by wet chemistry. Journal of Non-Crystalline Solids, 1992, 140, 57-61.	1.5	4
49	Glass reactive sintering as an alternative route for the synthesis of NZP glass-ceramics. Journal of Materials Science, 2012, 47, 486-492.	1.7	4
50	Microwave synthesis and properties of NaPO ₃ -SnO ₂ -Nb ₂ O ₅ glasses. Journal of Materials Science, 2012, 47, 4632-4639.	1.7	4
51	Specific trends in phosphate glass crystallization. Journal of Non-Crystalline Solids, 2021, 551, 120431.	1.5	4
52	Room temperature synthesis of fluoride glasses. Journal of Non-Crystalline Solids, 1995, 184, 166-171.	1.5	3
53	Effect of Eu substitution on the crystallographic and magnetic properties of the BiMn ₂ O ₅ oxide obtained by urea combustion. Ceramics International, 2014, 40, 13643-13648.	2.3	3
54	Influence of the Structural Characteristics of Epitaxial TiO ₂ Thin Films on Their Photocatalytic Properties. Journal of Nanoscience and Nanotechnology, 2017, 17, 4326-4334.	0.9	3

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55	Simulation and optimization of the removal of toluene in air by ozonation with a catalytic open-cell foam. <i>Chemical Engineering Research and Design</i> , 2021, 168, 453-464.	2.7	3
56	Effect of the process atmosphere on glass foam synthesis: A high-temperature environmental scanning electron microscopy (HT-ESEM) study. <i>Ceramics International</i> , 2021, 47, 26042-26049.	2.3	3
57	Influence of barium substitution on the physical characteristics of ZBLA glass. <i>Journal of Non-Crystalline Solids</i> , 1997, 213-214, 353-357.	1.5	2
58	Novel TaPO ₅ ·xN ₂ /3 oxynitrides. <i>Journal of Alloys and Compounds</i> , 2012, 513, 530-538.	2.8	1
59	<title>Thermal-lens measurements of thermal diffusivity temperature dependence up to the glass transition in a fluoride glass</title>. , 1999, , .		0
60	<title>Thermal-lens measurements of fluorescence quantum efficiency in Nd ³⁺ -doped fluoride glasses</title>. , 1999, , .		0
61	Characterisation of a new NZP material prepared from reactive sintering of a phosphate based glass. <i>Journal of Commonwealth Law and Legal Education</i> , 2016, 57, 206-212.	0.2	0