

Elena Daniela Milliken

List of Publications by Year in descending order

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16
papers

494
citations

759233

12
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Systematic development of new thermoluminescence and optically stimulated luminescence materials. Journal of Luminescence, 2013, 133, 203-210.	3.1	86
2	Luminescence properties of MgO produced by solution combustion synthesis and doped with lanthanides and Li. Journal of Luminescence, 2011, 131, 1058-1065.	3.1	64
3	Optically stimulated luminescence of MgB ₄ O ₇ :Ce,Li for gamma and neutron dosimetry. Journal of Luminescence, 2017, 183, 525-532.	3.1	55
4	Thermally stimulated and recombination processes in MgB ₄ O ₇ investigated by systematic lanthanide doping. Journal of Luminescence, 2014, 154, 251-259.	3.1	52
5	Thermoluminescent properties of lithium borate, magnesium borate and calcium sulfate developed for temperature sensing. Journal of Luminescence, 2014, 146, 408-417.	3.1	48
6	Testing a model-guided approach to the development of new thermoluminescent materials using YAG:Ln produced by solution combustion synthesis. Journal of Luminescence, 2012, 132, 2495-2504.	3.1	31
7	Progress and challenges towards the development of a new optically stimulated luminescence (OSL) material based on MgB ₄ O ₇ :Ce,Li. Journal of Luminescence, 2019, 212, 242-249.	3.1	28
8	New results in pulsed laser deposition of poly-methyl-methacrylate thin films. Applied Surface Science, 2003, 208-209, 645-650.	6.1	27
9	Effect of UV radiation on the semi-interpenetrating polymer networks based on polyurethane and epoxy maleate of bisphenol A. Journal of Photochemistry and Photobiology A: Chemistry, 2005, 169, 177-185.	3.9	27
10	Development and characterization of MgO:Nd,Li synthesized by solution combustion synthesis for 2D optically stimulated luminescence dosimetry. Journal of Luminescence, 2013, 133, 211-216.	3.1	21
11	Characterization of lanthanum zirconate prepared by a nitrate-modified alkoxide synthesis route: From sol to crystalline powder. Journal of the European Ceramic Society, 2010, 30, 569-575.	5.7	20
12	Lanthanum zirconate nanoparticles and ceramics produced using a nitrate-modified alkoxide synthesis route. Journal of Sol-Gel Science and Technology, 2007, 44, 203-209.	2.4	16
13	Characterization of PbZrO ₃ prepared using an alkoxide-based sol-gel synthesis route with different hydrolysis conditions. Journal of the European Ceramic Society, 2007, 27, 4349-4352.	5.7	8
14	Eu-Doped PT-Type Ceramics. I. Preparation and Structural Investigation. Ferroelectrics, 2003, 294, 85-92.	0.6	7
15	RELATION BETWEEN PROCESSING, MICROSTRUCTURE AND ELECTRIC FIELD-DEPENDENT DIELECTRIC PROPERTIES OF Ba _{0.3} Sr _{0.7} TiO ₃ THIN FILMS ON ALUMINA SUBSTRATES. Integrated Ferroelectrics, 2007, 93, 119-125.	0.7	3
16	Structural evolution from the sol to the PbZrO ₃ precursor powders prepared by an alkoxide-based sol-gel route. Journal of Sol-Gel Science and Technology, 2008, 45, 213-218.	2.4	1