

# Elena Daniela Milliken

## List of Publications by Year in descending order

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16  
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759233

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#	ARTICLE	IF	CITATIONS
1	Progress and challenges towards the development of a new optically stimulated luminescence (OSL) material based on MgB <sub>4</sub> O <sub>7</sub> :Ce,Li. Journal of Luminescence, 2019, 212, 242-249.	3.1	28
2	Optically stimulated luminescence of MgB <sub>4</sub> O <sub>7</sub> :Ce,Li for gamma and neutron dosimetry. Journal of Luminescence, 2017, 183, 525-532.	3.1	55
3	Thermoluminescent properties of lithium borate, magnesium borate and calcium sulfate developed for temperature sensing. Journal of Luminescence, 2014, 146, 408-417.	3.1	48
4	Thermally stimulated and recombination processes in MgB <sub>4</sub> O <sub>7</sub> investigated by systematic lanthanide doping. Journal of Luminescence, 2014, 154, 251-259.	3.1	52
5	Systematic development of new thermoluminescence and optically stimulated luminescence materials. Journal of Luminescence, 2013, 133, 203-210.	3.1	86
6	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
7	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
8	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
9	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
10	Structural evolution from the sol to the PbZrO <sub>3</sub> precursor powders prepared by an alkoxide-based sol-gel route. Journal of Sol-Gel Science and Technology, 2008, 45, 213-218.	2.4	1
11	RELATION BETWEEN PROCESSING, MICROSTRUCTURE AND ELECTRIC FIELD-DEPENDENT DIELECTRIC PROPERTIES OF Ba <sub>0.3</sub> Sr <sub>0.7</sub> TiO <sub>3</sub> THIN FILMS ON ALUMINA SUBSTRATES. Integrated Ferroelectrics, 2007, 93, 119-125.	0.7	3
12	Characterization of PbZrO <sub>3</sub> 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
13	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
14	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
15	New results in pulsed laser deposition of poly-methyl-methacrylate thin films. Applied Surface Science, 2003, 208-209, 645-650.	6.1	27
16	Eu-Doped PT-Type Ceramics. I. Preparation and Structural Investigation. Ferroelectrics, 2003, 294, 85-92.	0.6	7