

# Oswaldo Antonio Serra

## List of Publications by Year in descending order

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21  
papers

632  
citations

687363

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713466

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all docs

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docs citations

21  
times ranked

949  
citing authors

#	ARTICLE	IF	CITATIONS
1	ZnO:CeO <sub>2</sub> -based nanopowders with low catalytic activity as UV absorbers. Applied Surface Science, 2009, 255, 9006-9009.	6.1	88
2	Low-temperature upconversion spectroscopy of nanosized Y <sub>2</sub> O <sub>3</sub> :Er,Yb phosphor. Journal of Applied Physics, 2005, 98, 063529.	2.5	70
3	Er, Yb Doped Yttrium Based Nanosized Phosphors: Particle Size, Host Lattice and Doping Ion Concentration Effects on Upconversion Efficiency. Journal of Fluorescence, 2006, 16, 461-468.	2.5	65
4	Yttrium oxysulfide nanosized spherical particles doped with Yb and Er or Yb and Tm: efficient materials for up-converting phosphor technology field. Journal of Alloys and Compounds, 2004, 374, 181-184.	5.5	58
5	Morphological and luminescent studies on nanosized Er, Yb-Yttrium oxide up-converter prepared from different precursors. Journal of Luminescence, 2005, 113, 174-182.	3.1	57
6	Cerium phosphate nanoparticles with low photocatalytic activity for UV light absorption application in photoprotection. Dyes and Pigments, 2013, 97, 291-296.	3.7	39
7	Transparent UV-absorbers thin films of zinc oxide: Ceria system synthesized via sol-gel process. Optical Materials, 2012, 35, 56-60.	3.6	38
8	Effect of lanthanum loading on nanosized CeO <sub>2</sub> -ZnO solid catalysts supported on cordierite for diesel soot oxidation. Journal of Environmental Sciences, 2018, 73, 58-68.	6.1	31
9	Characterization and spectroscopic studies of Eu <sup>3+</sup> and Tb <sup>3+</sup> complexes with 2,2'-bipyridine-4,4'-dicarboxylic acid. Journal of Alloys and Compounds, 2002, 344, 285-288.	5.5	25
10	Morphological study of Sr <sub>2</sub> CeO <sub>4</sub> blue phosphor with fine particles. Quimica Nova, 2004, 27, 706-708.	0.3	22
11	An EPR and electronic spectroscopy study of intermediates in a mono o-nitro substituted iron porphyrin reaction with iodobenzene. Inorganica Chimica Acta, 1991, 187, 107-114.	2.4	21
12	Catalytic combustion of soot over ceria-zinc mixed oxides catalysts supported onto cordierite. Journal of Environmental Sciences, 2014, 26, 694-701.	6.1	21
13	A low-cost ultrasonic spray dryer to produce spherical microparticles from polymeric matrices. Quimica Nova, 2007, 30, 1744-1746.	0.3	20
14	Nanocrystalline RE <sub>2</sub> O <sub>3</sub> :Tm <sup>3+</sup> (RE: Gd <sup>3+</sup> , Y <sup>3+</sup> ) Blue Phosphors Synthesized via the Combustion Method. Journal of Fluorescence, 2006, 16, 411-421.	2.5	15
15	Study of catalytic activity of nitro substituted ironporphyrins. Journal of Molecular Catalysis A, 1995, 97, 41-47.	4.8	14
16	Luminescence in Colorless, Transparent, Thermally Stable Thin Films of Eu <sup>3+</sup> and Tb <sup>3+</sup> $\beta$ -diketonates in Hybrid Inorganic-Organic Zinc-based Sol-Gel Matrix. Journal of Fluorescence, 2010, 20, 739-743.	2.5	12
17	Synthesis and Study of the Photophysical Properties of a New Eu <sup>3+</sup> Complex with 3-Hydroxypicolinamide. Journal of Fluorescence, 2011, 21, 1575-1583.	2.5	11
18	Cerium-based phosphors: blue luminescent properties for applications in optical displays. Journal of Materials Science, 2008, 43, 546-550.	3.7	10

#	ARTICLE	IF	CITATIONS
19	Europium Luminescent Polymeric Microspheres Fabricated by Spray Drying Process. Journal of Fluorescence, 2008, 18, 695-700.	2.5	8
20	Luminação azul preparado a partir do método de combustão. Ectica Quimica, 2002, 27, 187-196.	0.5	4
21	<i>Dextrin-Microencapsulated Porphyrin: Luminescent Properties</i> . Annals of the New York Academy of Sciences, 2008, 1130, 91-96.	3.8	3