

# Gabriele Sponchia

## List of Publications by Year in descending order

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12  
papers

209  
citations

1307594

7  
h-index

1199594

12  
g-index

12  
all docs

12  
docs citations

12  
times ranked

341  
citing authors

#	ARTICLE	IF	CITATIONS
1	Monitoring the $t \rightarrow m$ Martensitic Phase Transformation by Photoluminescence Emission in $\text{Eu}^{3+}$ -Doped Zirconia Powders. <i>Journal of the American Ceramic Society</i> , 2013, 96, 2628-2635.	3.8	40
2	Low-temperature carbon monoxide oxidation over zirconia-supported $\text{CuO}/\text{CeO}_2$ catalysts: Effect of zirconia support properties. <i>Applied Surface Science</i> , 2017, 403, 612-622.	6.1	34
3	Lanthanide-Doped Bismuth-Based Fluoride Nanocrystalline Particles: Formation, Spectroscopic Investigation, and Chemical Stability. <i>Chemistry of Materials</i> , 2019, 31, 8504-8514.	6.7	29
4	Oxygen Hole States in Zirconia Lattices: Quantitative Aspects of Their Cathodoluminescence Emission. <i>Journal of Physical Chemistry A</i> , 2014, 118, 9828-9836.	2.5	26
5	Biocompatible tailored zirconia mesoporous nanoparticles with high surface area for theranostic applications. <i>Journal of Materials Chemistry B</i> , 2015, 3, 7300-7306.	5.8	25
6	Ceramics of Ta-doping stabilized orthorhombic $\text{ZrO}_2$ densified by spark plasma sintering and the effect of post-annealing in air. <i>Scripta Materialia</i> , 2017, 130, 128-132.	5.2	14
7	Zirconia-Based Magnetoplasmonic Nanocomposites: A New Nanotool for Magnetic-Guided Separations with SERS Identification. <i>ACS Applied Nano Materials</i> , 2020, 3, 1232-1241.	5.0	14
8	Mesoporous zirconia nanoparticles as drug delivery systems: Drug loading, stability and release. <i>Journal of Drug Delivery Science and Technology</i> , 2021, 61, 102189.	3.0	7
9	Orthorhombic phase stabilization and transformation phase process in zirconia tantalum-doped powders and spark plasma sintering systems. <i>Journal of the European Ceramic Society</i> , 2017, 37, 3393-3401.	5.7	6
10	Some crystallographic considerations on the novel orthorhombic $\text{ZrO}_2$ stabilized with Ta doping. <i>Ceramics International</i> , 2018, 44, 10362-10366.	4.8	6
11	High-temperature compressive creep of novel fine-grained orthorhombic $\text{ZrO}_2$ ceramics stabilized with 12 mol% Ta doping. <i>Journal of the European Ceramic Society</i> , 2018, 38, 2445-2448.	5.7	5
12	Determining europium compositional fluctuations in partially stabilized zirconia nanopowders: a non-line-broadening-based method. <i>Acta Crystallographica Section B: Structural Science, Crystal Engineering and Materials</i> , 2016, 72, 29-38.	1.1	3