

# Gordana Matijasic

## List of Publications by Year in descending order

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27  
papers

284  
citations

1162367

8  
h-index

940134

16  
g-index

27  
all docs

27  
docs citations

27  
times ranked

401  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase composition, morphology, properties and improved catalytic activity of hydrothermally-derived manganese-doped ceria nanoparticles. <i>Nanotechnology</i> , 2022, 33, 135709.	1.3	6
2	Sol-gel synthesis of manganese-doped ceria from acetylacetonate precursors. <i>Journal of Sol-Gel Science and Technology</i> , 2022, 101, 256-268.	1.1	1
3	Microwave-Assisted Synthesis of N/TiO <sub>2</sub> Nanoparticles for Photocatalysis under Different Irradiation Spectra. <i>Nanomaterials</i> , 2022, 12, 1473.	1.9	7
4	Tailoring microstructural, textural and thermal properties of $\gamma$ -alumina by modifying aluminum sec-butoxide with ethyl acetoacetate within a sol-gel synthesis. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 148, 109783.	1.9	3
5	In vitro behavior of dronedarone hydrochloride loaded pellets using vacuum impregnation technique. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2021, 162, 70-81.	2.0	2
6	True doping levels in hydrothermally derived copper-doped ceria. <i>Journal of Nanoparticle Research</i> , 2021, 23, 1.	0.8	9
7	A comparative study of hydrothermally derived Mn, Fe, Co, Ni, Cu and Zn doped ceria nanocatalysts. <i>Materials Chemistry and Physics</i> , 2020, 244, 122689.	2.0	18
8	Manganese-doped, hydrothermally-derived ceria: The occurrence of birnessite and the distribution of manganese. <i>Ceramics International</i> , 2020, 46, 29451-29458.	2.3	9
9	Preparation of Filaments and the 3D Printing of Dronedarone HCl Tablets for Treating Cardiac Arrhythmias. <i>AAPS PharmSciTech</i> , 2019, 20, 310.	1.5	21
10	Design and 3D printing of multi-compartmental PVA capsules for drug delivery. <i>Journal of Drug Delivery Science and Technology</i> , 2019, 52, 677-686.	1.4	53
11	Control of Pharmaceutical Cocrystal Polymorphism on Various Scales by Mechanochemistry: Transfer from the Laboratory Batch to the Large-Scale Extrusion Processing. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 7102-7110.	3.2	47
12	Mechanochemical synthesis of zincite doped with cadmium in various amounts. <i>Science and Engineering of Composite Materials</i> , 2019, 26, 482-490.	0.6	2
13	Influence of nonwoven fabric pore sizes on water vapor resistance. <i>Textile Research Journal</i> , 2018, 88, 1402-1412.	1.1	6
14	Prediction of particle size distribution of dronedarone hydrochloride in spiral jet mill using design of experiments. <i>Chemical Engineering Communications</i> , 2018, 205, 197-206.	1.5	3
15	6. Transport phenomena in environmental engineering. , 2018, , 159-194.		0
16	Droplet Impact Phenomena in Fluidized Bed Coating Process with a Wurster Insert. <i>International Journal of Chemical Engineering</i> , 2018, 2018, 1-11.	1.4	5
17	Catalytic activity and related properties of sol-gel-derived manganese-doped gahnite. <i>Journal of Nanoparticle Research</i> , 2018, 20, 1.	0.8	0
18	Transport phenomena in environmental engineering. <i>ChemistrySelect</i> , 2018, 3, .	0.7	0

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19	Removal of Heavy Metals and Pharmaceuticals From Contaminated Water Using Waste Sludge Kinetics and Mechanisms. <i>Clean - Soil, Air, Water</i> , 2017, 45, 1600509.	0.7	4
20	Nanocrystalline anatase derived from modified alkoxide mesostructured gel. <i>Journal of Thermal Analysis and Calorimetry</i> , 2016, 124, 645-655.	2.0	10
21	Rheological properties of aqueous alumina suspensions. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2012, 43, 979-983.	0.5	4
22	Grinding kinetics of amorphous powder obtained by sol-gel process. <i>Powder Technology</i> , 2010, 197, 165-169.	2.1	26
23	Batch Grinding in Laboratory Ball Mills: Selection Function. <i>Chemical Engineering and Technology</i> , 2009, 32, 1560-1566.	0.9	3
24	Wet comminution kinetics of dolomite at laboratory scale. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009, 48, 846-851.	1.8	5
25	Synthesis and characterization of nanocrystalline zinc aluminate spinel by sol-gel technique using modified alkoxide precursor. <i>Journal of Sol-Gel Science and Technology</i> , 2008, 46, 152-160.	1.1	23
26	Suspension rheology during wet comminution in planetary ball mill. <i>Chemical Engineering Research and Design</i> , 2008, 86, 384-389.	2.7	8
27	Influence of Agglomeration and Contamination in the Course of Amorphous Powder Grinding on Structure and Microstructure of Sintered Mullite. <i>Croatica Chemica Acta</i> , 0, , 63-71.	0.1	9