

Paula GSaiz

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

205
citations

1039880

9
h-index

1199470

12
g-index

13
all docs

13
docs citations

13
times ranked

276
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced mass sensitivity in novel magnetoelastic resonators geometries for advanced detection systems. <i>Sensors and Actuators B: Chemical</i> , 2019, 296, 126612.	4.0	32
2	Processing Strategies to Obtain Highly Porous Silk Fibroin Structures with Tailored Microstructure and Molecular Characteristics and Their Applicability in Water Remediation. <i>Journal of Hazardous Materials</i> , 2021, 403, 123675.	6.5	27
3	Ionic liquids for the control of the morphology in poly(vinylidene fluoride-co-hexafluoropropylene) membranes. <i>Materials and Design</i> , 2018, 155, 325-333.	3.3	25
4	Chromium Speciation in Zirconium-Based Metal-Organic Frameworks for Environmental Remediation. <i>Chemistry - A European Journal</i> , 2020, 26, 13861-13872.	1.7	23
5	Dye-doped biodegradable nanoparticle SiO ₂ coating on zinc- and iron-oxide nanoparticles to improve biocompatibility and for <i>in vivo</i> imaging studies. <i>Nanoscale</i> , 2020, 12, 6164-6175.	2.8	22
6	Printed Capacitive Sensors Based on Ionic Liquid/Metal-Organic Framework Composites for Volatile Organic Compounds Detection. <i>Advanced Functional Materials</i> , 2021, 31, 2010703.	7.8	17
7	Modulation of the Bifunctional CrVI to CrIII Photoreduction and Adsorption Capacity in ZrIV and TiIV Benchmark Metal-Organic Frameworks. <i>Catalysts</i> , 2021, 11, 51.	1.6	14
8	Rhombic-magnetoelastic/metal-organic framework functionalized resonators for highly sensitive toluene detection. <i>Journal of Materials Chemistry C</i> , 2020, 8, 13743-13753.	2.7	13
9	Magnetoelastic Resonance Sensors: Principles, Applications, and Perspectives. <i>ACS Sensors</i> , 2022, 7, 1248-1268.	4.0	13
10	Influence of the magnetic domain structure in the mass sensitivity of magnetoelastic sensors with different geometries. <i>Journal of Alloys and Compounds</i> , 2021, 863, 158555.	2.8	9
11	Theoretical and Experimental Analysis of Novel Rhombus Shaped Magnetoelastic Sensors With Enhanced Mass Sensitivity. <i>IEEE Sensors Journal</i> , 2020, 20, 13332-13340.	2.4	7
12	Development of novel piezo-ionic/magnetostrictive composites for energy generation systems. <i>Smart Materials and Structures</i> , 2020, 29, 085041.	1.8	3
13	Ionic Liquids: Printed Capacitive Sensors Based on Ionic Liquid/Metal-Organic Framework Composites for Volatile Organic Compounds Detection (<i>Adv. Funct. Mater.</i> 25/2021). <i>Advanced Functional Materials</i> , 2021, 31, 2170182.	7.8	0