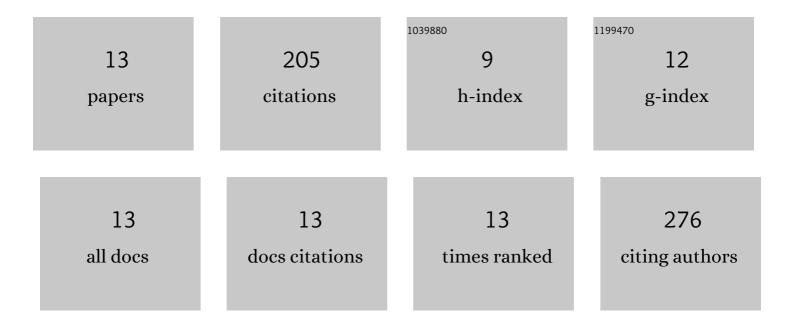
## Paula GSaiz

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8031360/publications.pdf Version: 2024-02-01



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