

# Elena H SÃ¡nchez

## List of Publications by Year in descending order

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Version: 2024-02-01

14  
papers

248  
citations

1307594

7  
h-index

1199594

12  
g-index

14  
all docs

14  
docs citations

14  
times ranked

446  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thickness gradient related magnetic anisotropy of wedged Co nanocluster assemblies deposited on glass plates. <i>Journal of Magnetism and Magnetic Materials</i> , 2022, 547, 168888.	2.3	0
2	Tailored Magnetic Linear Birefringence in Wedge-Shaped Co Nanocluster Assemblies. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 100.	2.5	0
3	Crossover From Individual to Collective Magnetism in Dense Nanoparticle Systems: Local Anisotropy Versus Dipolar Interactions. <i>Small</i> , 2022, 18, .	10.0	16
4	Effective control of the magnetic anisotropy in ferromagnetic MnBi micro-islands. <i>Journal of Alloys and Compounds</i> , 2021, 852, 156731.	5.5	3
5	On the detection of surface spin freezing in iron oxide nanoparticles and its long-term evolution under ambient oxidation. <i>Nanotechnology</i> , 2021, 32, 065704.	2.6	9
6	Spontaneous Formation of Core@shell Co@Cr Nanoparticles by Gas Phase Synthesis. <i>Applied Nano</i> , 2020, 1, 87-101.	2.0	4
7	Anisotropy engineering of soft thin films in the undulated magnetic state. <i>Journal of Magnetism and Magnetic Materials</i> , 2020, 514, 167149.	2.3	7
8	Simultaneous Individual and Dipolar Collective Properties in Binary Assemblies of Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2020, 32, 969-981.	6.7	26
9	Photocatalysis Meets Magnetism: Designing Magnetically Recoverable Supports for Visible-Light Photocatalysis. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 24895-24904.	8.0	26
10	Flexible, multifunctional nanoribbon arrays of palladium nanoparticles for transparent conduction and hydrogen detection. <i>Applied Surface Science</i> , 2019, 470, 212-218.	6.1	6
11	Form and magnetic birefringence in undulated Permalloy/PET films. <i>Optics Express</i> , 2019, 27, 21285.	3.4	5
12	Temperature-dependent magnetic and resistive switching phenomena in (La,Ba)MnO <sub>3</sub> /ZnO heterostructure. <i>Superlattices and Microstructures</i> , 2018, 120, 525-532.	3.1	3
13	Formation Mechanism of Maghemite Nanoflowers Synthesized by a Polyol-Mediated Process. <i>ACS Omega</i> , 2017, 2, 7172-7184.	3.5	82
14	Remanence Plots as a Probe of Spin Disorder in Magnetic Nanoparticles. <i>Chemistry of Materials</i> , 2017, 29, 8258-8268.	6.7	61