

# Elena H SÃ¡nchez

## List of Publications by Year in descending order

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14  
papers

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1307594

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1199594

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docs citations

14  
times ranked

446  
citing authors

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