

# Claudio Cara

## List of Publications by Year in descending order

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papers

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#	ARTICLE	IF	CITATIONS
1	Spinel Ferrite Core–Shell Nanostructures by a Versatile Solvothermal Seed-Mediated Growth Approach and Study of Their Nanointerfaces. <i>ACS Nano</i> , 2017, 11, 7889-7900.	14.6	59
2	MCM-41 support for ultrasmall $\text{Fe}_2\text{O}_3$ nanoparticles for $\text{H}_2\text{S}$ removal. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21688-21698.	10.3	51
3	Coupled hard–soft spinel ferrite-based core–shell nanoarchitectures: magnetic properties and heating abilities. <i>Nanoscale Advances</i> , 2020, 2, 3191-3201.	4.6	32
4	Dialkylamide as Both Capping Agent and Surfactant in a Direct Solvothermal Synthesis of Magnetite and Titania Nanoparticles. <i>Crystal Growth and Design</i> , 2015, 15, 2364-2372.	3.0	29
5	Liquid Phase Synthesis of Nanostructured Spinel Ferrites—A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4857-4887.	0.9	28
6	$\text{Fe}_2\text{O}_3$ -M41S Sorbents for $\text{H}_2\text{S}$ Removal: Effect of Different Porous Structures and Silica Wall Thickness. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12231-12242.	3.1	20
7	Hexafluorosilicic Acid (FSA): from Hazardous Waste to Precious Resource in Obtaining High Value-Added Mesoporous Silica. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14286-14300.	6.7	15
8	Anchoring ultrasmall FeIII-based nanoparticles on silica and titania mesostructures for syngas $\text{H}_2\text{S}$ purification. <i>Microporous and Mesoporous Materials</i> , 2020, 298, 110062.	4.4	14
9	A catalyst-free, waste-less ethanol-based solvothermal synthesis of amides. <i>Green Chemistry</i> , 2018, 20, 375-381.	9.0	12
10	Evolution of the Magnetic and Structural Properties with the Chemical Composition in Oleate-Capped $\text{Mn}_x\text{Co}_{1-x}\text{Fe}_2\text{O}_4$ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20626-20638.	3.1	12
11	On the design of mesoporous acidic catalysts for the one-pot dimethyl ether production from $\text{CO}_2$ . <i>Journal of CO2 Utilization</i> , 2022, 62, 102066.	6.8	12
12	Meso- and macroporous silica-based arsenic adsorbents: effect of pore size, nature of the active phase, and silicon release. <i>Nanoscale Advances</i> , 2021, 3, 6100-6113.	4.6	11
13	On the synthesis of bi-magnetic manganese ferrite-based core–shell nanoparticles. <i>Nanoscale Advances</i> , 2021, 3, 1612-1623.	4.6	11
14	Oleate-Based Solvothermal Approach for Size Control of $\text{MnFe}_2\text{O}_4$ ( $\text{Mn}^{\text{II}}\text{Mn}^{\text{II}}\text{Fe}^{\text{II}}\text{O}_4$ ) Colloidal Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4954-4963.	0.9	10
15	Defect-assisted synthesis of magneto-plasmonic silver-spinel ferrite heterostructures in a flower-like architecture. <i>Scientific Reports</i> , 2020, 10, 17015.	3.3	8
16	As(III, V) Uptake from Nanostructured Iron Oxides and Oxyhydroxides: The Complex Interplay between Sorbent Surface Chemistry and Arsenic Equilibria. <i>Nanomaterials</i> , 2022, 12, 326.	4.1	8
17	Sub-Micrometric MCM-41 Particles as Support to Design Efficient and Regenerable Maghemite-Based Sorbent for $\text{H}_2\text{S}$ Removal. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5035-5042.	0.9	6