

Claudio Cara

List of Publications by Year in descending order

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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. ACS Nano, 2017, 11, 7889-7900.	7.3	59
2	MCM-41 support for ultrasmall $\gamma\text{-Fe}_2\text{O}_3$ nanoparticles for H_2S removal. Journal of Materials Chemistry A, 2017, 5, 21688-21698.	5.2	51
3	Coupled hard-soft spinel ferrite-based core-shell nanoarchitectures: magnetic properties and heating abilities. Nanoscale Advances, 2020, 2, 3191-3201.	2.2	32
4	Dialkylamide as Both Capping Agent and Surfactant in a Direct Solvothermal Synthesis of Magnetite and Titania Nanoparticles. Crystal Growth and Design, 2015, 15, 2364-2372.	1.4	29
5	Liquid Phase Synthesis of Nanostructured Spinel Ferrites—A Review. Journal of Nanoscience and Nanotechnology, 2019, 19, 4857-4887.	0.9	28
6	$\gamma\text{-Fe}_2\text{O}_3$ -M41S Sorbents for H_2S Removal: Effect of Different Porous Structures and Silica Wall Thickness. Journal of Physical Chemistry C, 2018, 122, 12231-12242.	1.5	20
7	Hexafluorosilicic Acid (FSA): from Hazardous Waste to Precious Resource in Obtaining High Value-Added Mesostructured Silica. ACS Sustainable Chemistry and Engineering, 2020, 8, 14286-14300.	3.2	15
8	Anchoring ultrasmall FeIII-based nanoparticles on silica and titania mesostructures for syngas H_2S purification. Microporous and Mesoporous Materials, 2020, 298, 110062.	2.2	14
9	A catalyst-free, waste-less ethanol-based solvothermal synthesis of amides. Green Chemistry, 2018, 20, 375-381.	4.6	12
10	Evolution of the Magnetic and Structural Properties with the Chemical Composition in Oleate-Capped $\text{MnCo}_2\text{Fe}_2\text{O}_4$ Nanoparticles. Journal of Physical Chemistry C, 2021, 125, 20626-20638.	1.5	12
11	On the design of mesostructured acidic catalysts for the one-pot dimethyl ether production from CO_2 . Journal of CO_2 Utilization, 2022, 62, 102066.	3.3	12
12	Meso- and macroporous silica-based arsenic adsorbents: effect of pore size, nature of the active phase, and silicon release. Nanoscale Advances, 2021, 3, 6100-6113.	2.2	11
13	On the synthesis of bi-magnetic manganese ferrite-based core-shell nanoparticles. Nanoscale Advances, 2021, 3, 1612-1623.	2.2	11
14	Oleate-Based Solvothermal Approach for Size Control of MnFe_2O_4 ($\text{Mn}^{\text{II}}\text{-Mn}^{\text{II}}$, FeII) Colloidal Nanoparticles. Journal of Nanoscience and Nanotechnology, 2019, 19, 4954-4963.	0.9	10
15	Defect-assisted synthesis of magneto-plasmonic silver-spinel ferrite heterostructures in a flower-like architecture. Scientific Reports, 2020, 10, 17015.	1.6	8
16	As(III, V) Uptake from Nanostructured Iron Oxides and Oxyhydroxides: The Complex Interplay between Sorbent Surface Chemistry and Arsenic Equilibria. Nanomaterials, 2022, 12, 326.	1.9	8
17	Sub-Micrometric MCM-41 Particles as Support to Design Efficient and Regenerable Maghemite-Based Sorbent for H_2S Removal. Journal of Nanoscience and Nanotechnology, 2019, 19, 5035-5042.	0.9	6