

Claudio Cara

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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.	1.9	8
2	On the design of mesostructured acidic catalysts for the one-pot dimethyl ether production from CO ₂ . <i>Journal of CO₂ Utilization</i> , 2022, 62, 102066.	3.3	12
3	Evolution of the Magnetic and Structural Properties with the Chemical Composition in Oleate-Capped Mn _{1-x} Co _x Fe ₂ O ₄ Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2021, 125, 20626-20638.	1.5	12
4	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.	2.2	11
5	On the synthesis of bi-magnetic manganese ferrite-based core-shell nanoparticles. <i>Nanoscale Advances</i> , 2021, 3, 1612-1623.	2.2	11
6	Defect-assisted synthesis of magneto-plasmonic silver-spinel ferrite heterostructures in a flower-like architecture. <i>Scientific Reports</i> , 2020, 10, 17015.	1.6	8
7	Hexafluorosilicic Acid (FSA): from Hazardous Waste to Precious Resource in Obtaining High Value-Added Mesostructured Silica. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 14286-14300.	3.2	15
8	Coupled hard-soft spinel ferrite-based core-shell nanoarchitectures: magnetic properties and heating abilities. <i>Nanoscale Advances</i> , 2020, 2, 3191-3201.	2.2	32
9	Anchoring ultrasmall Fe ^{III} -based nanoparticles on silica and titania mesostructures for syngas H ₂ S purification. <i>Microporous and Mesoporous Materials</i> , 2020, 298, 110062.	2.2	14
10	Oleate-Based Solvothermal Approach for Size Control of Mn _{1-x} Mn _x Fe ₂ O ₄ (Mn ^{II} ••Mn ^{II} , Fe ^{II}) Colloidal Nanoparticles. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4954-4963.	0.9	10
11	Sub-Micrometric MCM-41 Particles as Support to Design Efficient and Regenerable Maghemite-Based Sorbent for H ₂ S Removal. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 5035-5042.	0.9	6
12	Liquid Phase Synthesis of Nanostructured Spinel Ferrites—A Review. <i>Journal of Nanoscience and Nanotechnology</i> , 2019, 19, 4857-4887.	0.9	28
13	A catalyst-free, waste-less ethanol-based solvothermal synthesis of amides. <i>Green Chemistry</i> , 2018, 20, 375-381.	4.6	12
14	γ-Fe ₂ O ₃ -M41S Sorbents for H ₂ S Removal: Effect of Different Porous Structures and Silica Wall Thickness. <i>Journal of Physical Chemistry C</i> , 2018, 122, 12231-12242.	1.5	20
15	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.	7.3	59
16	MCM-41 support for ultrasmall γ-Fe ₂ O ₃ nanoparticles for H ₂ S removal. <i>Journal of Materials Chemistry A</i> , 2017, 5, 21688-21698.	5.2	51
17	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.	1.4	29