Claudio Cara

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4432800/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	As(III, V) Uptake from Nanostructured Iron Oxides and Oxyhydroxides: The Complex Interplay between Sorbent Surface Chemistry and Arsenic Equilibria. Nanomaterials, 2022, 12, 326.	4.1	8
2	On the design of mesostructured acidic catalysts for the one-pot dimethyl ether production from CO2. Journal of CO2 Utilization, 2022, 62, 102066.	6.8	12
3	Evolution of the Magnetic and Structural Properties with the Chemical Composition in Oleate-Capped Mn _{<i>x</i>} Co _{1–<i>x</i>} Fe ₂ O ₄ Nanoparticles. Journal of Physical Chemistry C, 2021, 125, 20626-20638.	3.1	12
4	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.	4.6	11
5	On the synthesis of bi-magnetic manganese ferrite-based core–shell nanoparticles. Nanoscale Advances, 2021, 3, 1612-1623.	4.6	11
6	Defect-assisted synthesis of magneto-plasmonic silver-spinel ferrite heterostructures in a flower-like architecture. Scientific Reports, 2020, 10, 17015.	3.3	8
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.	6.7	15
8	Coupled hard–soft spinel ferrite-based core–shell nanoarchitectures: magnetic properties and heating abilities. Nanoscale Advances, 2020, 2, 3191-3201.	4.6	32
9	Anchoring ultrasmall FeIII-based nanoparticles on silica and titania mesostructures for syngas H2S purification. Microporous and Mesoporous Materials, 2020, 298, 110062.	4.4	14
10	Oleate-Based Solvothermal Approach for Size Control of MIIFe2IIIO4 (MII â••MnII, FeII) Colloidal Nanoparticles. Journal of Nanoscience and Nanotechnology, 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. Journal of Nanoscience and Nanotechnology, 2019, 19, 5035-5042.	0.9	6
12	Liquid Phase Synthesis of Nanostructured Spinel Ferrites—A Review. Journal of Nanoscience and Nanotechnology, 2019, 19, 4857-4887.	0.9	28
13	A catalyst-free, waste-less ethanol-based solvothermal synthesis of amides. Green Chemistry, 2018, 20, 375-381.	9.0	12
14	γ-Fe ₂ O ₃ -M41S Sorbents for H ₂ S Removal: Effect of Different Porous Structures and Silica Wall Thickness. Journal of Physical Chemistry C, 2018, 122, 12231-12242.	3.1	20
15	Spinel Ferrite Core–Shell Nanostructures by a Versatile Solvothermal Seed-Mediated Growth Approach and Study of Their Nanointerfaces. ACS Nano, 2017, 11, 7889-7900.	14.6	59
16	MCM-41 support for ultrasmall γ-Fe ₂ O ₃ nanoparticles for H ₂ S removal. Journal of Materials Chemistry A, 2017, 5, 21688-21698.	10.3	51
17	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.	3.0	29