

Aditi Singhal

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

307
citations

933447

10
h-index

1125743

13
g-index

14
all docs

14
docs citations

14
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	CTAB modified large surface area nanoporous geopolymer with high adsorption capacity for copper ion removal. Applied Clay Science, 2017, 150, 106-114.	5.2	68
2	Mechanistic Insights into CO ₂ Methanation over Ru-Substituted CeO ₂ . Journal of Physical Chemistry C, 2016, 120, 14101-14112.	3.1	48
3	Integrated approach to evaluating the toxicity of novel cysteine-capped silver nanoparticles to Escherichia coli and Pseudomonas aeruginosa. Analyst, The, 2014, 139, 954-963.	3.5	40
4	Synthesis of colloidal γ -Fe ₂ O ₃ nanostructures— influence of addition of Co ²⁺ on their morphology and magnetic behavior. Nanotechnology, 2007, 18, 475703.	2.6	32
5	Enhanced oxygen evolution activity of Co _{3-x} Ni _x O ₄ compared to Co ₃ O ₄ by low Ni doping. Journal of Electroanalytical Chemistry, 2018, 823, 482-491.	3.8	19
6	Synthesis of colloidal silver iron oxide nanoparticles— study of their optical and magnetic behavior. Nanotechnology, 2009, 20, 295606.	2.6	18
7	One pot, rapid synthesis of Co ₃ O ₄ by solution combustion method and its electrochemical properties in different electrolytes. Journal of Electroanalytical Chemistry, 2016, 776, 152-161.	3.8	17
8	Optical, photophysical and magnetic behavior of GMP-templated binary (γ -Fe ₂ O ₃ /CdS) and ternary (γ -Fe ₂ O ₃ /Ag/CdS) nanohybrids. Journal of Materials Chemistry, 2011, 21, 481-496.	6.7	16
9	Platinum substituted Cobalt(II, III) Oxide: Interplay of tetrahedral Co(II) sites towards electrochemical oxygen evolution activity. Electrochimica Acta, 2021, 365, 137234.	5.2	12
10	Optical and magnetic behavior of Ag encapsulated γ -Fe ₂ O ₃ core—shell hollow nanotubes. Materials Chemistry and Physics, 2011, 131, 230-240.	4.0	11
11	Removal of pesticide toxicity by cysteine-capped Ag nanoparticles and study of their adsorption kinetics. International Journal of Nanomedicine, 2018, Volume 13, 25-29.	6.7	11
12	Adsorption of C ₂ gases over CeO ₂ -based catalysts: synergism of cationic sites and anionic vacancies. Physical Chemistry Chemical Physics, 2017, 19, 14148-14159.	2.8	9
13	Effect of Ru Substitution in La _{0.85} Sr _{0.15} CoO ₃ towards Oxygen Evolution Reaction: Activity of Ionic Ru. Electroanalysis, 2021, 33, 618-626.	2.9	6
14	One step rapid synthesis of mesoporous high surface area Sn _{1-x} Sb _x O ₂ : Electrochemical and scanning tunneling spectroscopic studies. Journal of Physics and Chemistry of Solids, 2018, 123, 355-363.	4.0	0