

Vinod Singh

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1808422/publications.pdf>

Version: 2024-02-01

11
papers

132
citations

1478505

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h-index

1281871

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14
all docs

14
docs citations

14
times ranked

215
citing authors

#	ARTICLE	IF	CITATIONS
1	In-flight gas phase growth of metal/multi layer graphene core shell nanoparticles with controllable sizes. Scientific Reports, 2013, 3, 2814.	3.3	39
2	Room temperature response and enhanced hydrogen sensing in size selected Pd-C core-shell nanoparticles: Role of carbon shell and Pd-C interface. International Journal of Hydrogen Energy, 2018, 43, 1025-1033.	7.1	27
3	Nanomaterials-Based Biosensors for COVID-19 Detection—A Review. IEEE Sensors Journal, 2021, 21, 5598-5611.	4.7	22
4	Enhanced photoelectrochemical performance of TiO ₂ photoanode decorated with Pd-carbon core shell nanoparticles. Renewable Energy, 2019, 134, 1232-1239.	8.9	13
5	Enhanced Hydrogenation Properties of Size Selected Pd-C Core-Shell Nanoparticles; Effect of Carbon Shell Thickness. Journal of Physical Chemistry C, 2015, 119, 14455-14460.	3.1	9
6	Key role of Tb ³⁺ doping on structural and photoluminescence properties of Gd ₂ Ti ₂ O ₇ pyrochlore oxide. Ceramics International, 2022, 48, 22266-22275.	4.8	9
7	Achieving independent control of core diameter and carbon shell thickness in Pd-C core-shell nanoparticles by gas phase synthesis. Nanotechnology, 2017, 28, 295603.	2.6	4
8	Carbon Nanotubes in Emerging Photovoltaics: Progress and Limitations. IEEE Journal of Photovoltaics, 2022, 12, 167-178.	2.5	4
9	Effect of different precursors on morphology of CVD synthesized MoSe ₂ . Materials Today: Proceedings, 2022, 56, 3786-3789.	1.8	3
10	Hydrogen induced structural modifications in size selected Pd-Carbon core-shell NPs: Effect of carbon shell thickness, size and pressure. International Journal of Hydrogen Energy, 2022, 47, 12642-12652.	7.1	1
11	Conductivity and Structure Correlation in Gd ₂ Zr ₂ O ₇ Pyrochlore for Oxide Fuel Cell Technology. Springer Proceedings in Physics, 2022, , 211-219.	0.2	0