

Sushil Singh

List of Publications by Year in descending order

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Version: 2024-02-01

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papers

479
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933447

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18
docs citations

18
times ranked

677
citing authors

#	ARTICLE	IF	CITATIONS
1	An Experimental Analysis of Silk Cocoon Layer-PANI Polymer Composite as Electrode for Thermoelectric Generator Application. Asian Journal of Chemistry, 2022, 34, 1021-1026.	0.3	0
2	Silk Fiber Multiwalled Carbon Nanotube-Based Micro-/Nanofiber Composite as a Conductive Fiber and a Force Sensor. ACS Omega, 2022, 7, 20809-20818.	3.5	2
3	Highly ordered polyaniline: synthesis, characterization and electrochemical properties. Polymer Bulletin, 2020, 77, 3277-3286.	3.3	10
4	Polyethylene glycol functionalized cerium oxide nanoparticle confer protection against UV- induced oxidative damage in skin: evidences for a new class of UV filter. Nano Express, 2020, 1, 010038.	2.4	3
5	Cerium oxide nanozyme modulate the "exercise"™ redox biology of skeletal muscle. Materials Research Express, 2017, 4, 055401.	1.6	11
6	Growth and optical properties of nano-textured (110) Pb(Zr _{0.52} Ti _{0.48})O ₃ /(001) ZnO hetero-structure on oxidized silicon substrate. Journal of Materials Science: Materials in Electronics, 2017, 28, 5058-5062.	2.2	3
7	Nano-iron pyrite seed dressing: a sustainable intervention to reduce fertilizer consumption in vegetable (beetroot, carrot), spice (fenugreek), fodder (alfalfa), and oilseed (mustard, sesamum) crops. Nanotechnology for Environmental Engineering, 2016, 1, 1.	3.3	65
8	Nanocerium oxide increases the survival of adult rod and cone photoreceptor in culture by abrogating hydrogen peroxide-induced oxidative stress. Biointerphases, 2016, 11, 031016.	1.6	9
9	The role of photo-electric properties of silk cocoon membrane in pupal metamorphosis: A natural solar cell. Scientific Reports, 2016, 6, 21915.	3.3	11
10	The seed stimulant effect of nano iron pyrite is compromised by nano cerium oxide: regulation by the trace ionic species generated in the aqueous suspension of iron pyrite. RSC Advances, 2016, 6, 67029-67038.	3.6	21
11	Nano iron pyrite (FeS ₂) exhibits bi-functional electrode character. RSC Advances, 2016, 6, 16859-16867.	3.6	30
12	A glowing antioxidant from tasar silk cocoon. RSC Advances, 2015, 5, 104563-104573.	3.6	5
13	Graphene oxide from silk cocoon: a novel magnetic fluorophore for multi-photon imaging. 3 Biotech, 2014, 4, 67-75.	2.2	31
14	Seed treatment with iron pyrite (FeS ₂) nanoparticles increases the production of spinach. RSC Advances, 2014, 4, 58495-58504.	3.6	122
15	Nanoceria based electrochemical sensor for hydrogen peroxide detection. Biointerphases, 2014, 9, 031011.	1.6	51
16	Electricity from the Silk Cocoon Membrane. Scientific Reports, 2014, 4, 5434.	3.3	63
17	Synthesis of hydrophilic carbon black; role of hydrophilicity in maintaining the hydration level and protonic conduction. RSC Advances, 2013, 3, 3917.	3.6	42