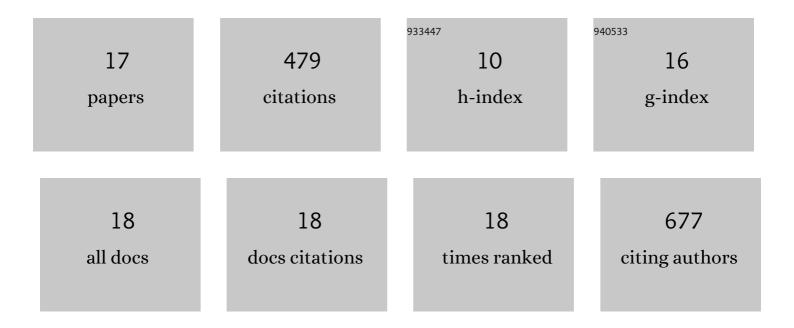
Sushil Singh

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Seed treatment with iron pyrite (FeS ₂) nanoparticles increases the production of spinach. RSC Advances, 2014, 4, 58495-58504.	3.6	122
2	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
3	Electricity from the Silk Cocoon Membrane. Scientific Reports, 2014, 4, 5434.	3.3	63
4	Nanoceria based electrochemical sensor for hydrogen peroxide detection. Biointerphases, 2014, 9, 031011.	1.6	51
5	Synthesis of hydrophilic carbon black; role of hydrophilicity in maintaining the hydration level and protonic conduction. RSC Advances, 2013, 3, 3917.	3.6	42
6	Graphene oxide from silk cocoon: a novel magnetic fluorophore for multi-photon imaging. 3 Biotech, 2014, 4, 67-75.	2.2	31
7	Nano iron pyrite (FeS ₂) exhibits bi-functional electrode character. RSC Advances, 2016, 6, 16859-16867.	3.6	30
8	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
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	Cerium oxide nanozyme modulate the â€~exercise' redox biology of skeletal muscle. Materials Research Express, 2017, 4, 055401.	1.6	11
11	Highly ordered polyaniline: synthesis, characterization and electrochemical properties. Polymer Bulletin, 2020, 77, 3277-3286.	3.3	10
12	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
13	A glowing antioxidant from tasar silk cocoon. RSC Advances, 2015, 5, 104563-104573.	3.6	5
14	Growth and optical properties of nano-textured (110) Pb(Zr0.52Ti0.48)O3/(001) ZnO hetero-structure on oxidized silicon substrate. Journal of Materials Science: Materials in Electronics, 2017, 28, 5058-5062.	2.2	3
15	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
16	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
17	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