

Chang Yu Wu

List of Publications by Year in descending order

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15
papers

1,692
citations

840776

11
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2835
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis, characterization, applications, and challenges of iron oxide nanoparticles. <i>Nanotechnology, Science and Applications</i> , 2016, Volume 9, 49-67.	4.6	1,043
2	Effect of ZnO Nanoparticles on Brassica nigra Seedlings and Stem Explants: Growth Dynamics and Antioxidative Response. <i>Frontiers in Plant Science</i> , 2016, 7, 535.	3.6	197
3	Elemental zinc to zinc nanoparticles: is ZnO NPs crucial for life? Synthesis, toxicological, and environmental concerns. <i>Nanotechnology Reviews</i> , 2018, 7, 413-441.	5.8	128
4	ZnO nanostructure fabrication in different solvents transforms physio-chemical, biological and photodegradable properties. <i>Materials Science and Engineering C</i> , 2017, 74, 137-145.	7.3	82
5	Effective removal of metal ions from aqueous solution by silver and zinc nanoparticles functionalized cellulose: Isotherm, kinetics and statistical supposition of process. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2018, 9, 1-11.	2.9	50
6	CuO Nanoparticles Inhibited Root Growth from Brassica nigra Seedlings but Induced Root from Stem and Leaf Explants. <i>Applied Biochemistry and Biotechnology</i> , 2017, 181, 365-378.	2.9	45
7	Management of citrus waste by switching in the production of nanocellulose. <i>IET Nanobiotechnology</i> , 2016, 10, 395-399.	3.8	35
8	Efficient metal adsorption and microbial reduction from Rawal Lake wastewater using metal nanoparticle coated cotton. <i>Science of the Total Environment</i> , 2018, 639, 26-39.	8.0	24
9	Synthesis of Ag@NPs impregnated cellulose composite material: its possible role in wound healing and photocatalysis. <i>IET Nanobiotechnology</i> , 2017, 11, 477-484.	3.8	21
10	Nanomaterials as nanocarriers: a critical assessment why these are multi-chore vanquisher in breast cancer treatment. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 899-916.	2.8	19
11	Performance of silver, zinc, and iron nanoparticles-doped cotton filters against airborne E. coli to minimize bioaerosol exposure. <i>Air Quality, Atmosphere and Health</i> , 2018, 11, 1233-1242.	3.3	15
12	Synthesis of Silver Nanoparticles using Euphorbia wallichii Extract and Assessment of their Bio-functionalities. <i>Medicinal Chemistry</i> , 2020, 16, 495-506.	1.5	11
13	Removal of of toxic metal ions (Ni ²⁺ and Cd ²⁺) from wastewater by using TOPO decorated iron oxide nanoparticles. <i>Applied Water Science</i> , 2022, 12, 1.	5.6	11
14	<i>Onosma bracteatum</i> Wall and <i>Commiphora stocksiana</i> Engl extracts generate oxidative stress in <i>Brassica napus</i> : An allelopathic perspective. <i>Cogent Biology</i> , 2017, 3, 1283875.	1.7	7
15	Adsorption of Ni ²⁺ , Hg ²⁺ , Pb ²⁺ , Cr ³⁺ , and Co ²⁺ on iron oxide nanoparticles immobilized on cellulose fiber: equilibrium, kinetic, thermodynamic, mechanisms, and statistical supposition. , 0, 95, 234-246.		4