Sijo Francis

List of Publications by Year
in descending order

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29	1,206	567281 15	501196 28
papers	citations	h-index	g-index

29	29	29	1439
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Novel La(OH)3 integrated sGO-Ag3PO4/Ag Hybrid photocatalyst for sunlight driven ultra-fast degradation of industrial and agricultural pollutants. Materials Science in Semiconductor Processing, 2022, 138, 106274.	4.0	3
2	Microwave assisted green synthesis of silver nanoparticles for optical, catalytic, biological and electrochemical applications. Artificial Cells, Nanomedicine and Biotechnology, 2021, 49, 438-449.	2.8	26
3	Fast and efficient degradation of water pollutant dyes and fungicide by novel sulfur-doped graphene oxideâ€“modified Ag3PO4 nanocomposite. Environmental Science and Pollution Research, 2021, 28, 20247-20260.	5.3	8
4	Cyclodextrin-mediated gold nanoparticles as multisensing probe for the selective detection of hydroxychloroquine drug. Korean Journal of Chemical Engineering, 2021, 38, 624-634.	2.7	15
5	Unmodified Green Silver Nanoparticles as Multisensor for Zn 2+ and Catalyst for Environmental Remediation. ChemistrySelect, 2021, 6, 3584-3596.	1.5	1
6	Green Synthesized Unmodified Silver Nanoparticles as Reproducible Dual Sensor for Mercuric Ions and Catalyst to Abate Environmental Pollutants. BioNanoScience, 2021, 11, 739-754.	3.5	14
7	Fabrication of zirconium ferrite doped Ag3PO4 composite for the degradation of refractory pollutants: Visible light assisted Z-scheme insight. Materials Science in Semiconductor Processing, 2021, 130, 105797.	4.0	12
8	Fabrication of La2O3/Bi2O3/silver orthophosphate Heterojunction Catalyst for the Visible Light Mediated Remediation of Refractory Pollutants. Materials Research Bulletin, 2021, 140, 111299.	5.2	2
9	Microwave assisted green synthesis of gold nanoparticles for catalytic degradation of environmental pollutants. Environmental Nanotechnology, Monitoring and Management, 2021, 16, 100525.	2.9	15
10	Rapid sunlight-driven mineralisation of dyes and fungicide in water by novel sulphur-doped graphene oxide/Ag3VO4 nanocomposite. Environmental Science and Pollution Research, 2020, 27, 9604-9618.	5.3	19
11	A novel lanthanum and bismuth based self-cleaning nanocomposite for organic pollutants. AIP Conference Proceedings, 2020, , .	0.4	0
12	Green-synthesized Cu2O nanoaggregates incorporated on Î²-cyclodextrin for catalytic reduction and electrochemical sensing. Journal of the Iranian Chemical Society, 2020, 17, 2613-2626.	2.2	11
13	Novel La(OH)<sub>3</sub-integrated sGO-Ag₃VO₄/Ag nanocomposite as a heterogeneous photocatalyst for fast degradation of agricultural and industrial pollutants. Catalysis Science and Technology, 2020, 10, 2916-2930.	4.1	13
14	Bimetallic Agâ€“Au nanoparticles as pH dependent dual sensing probe for Mn(II) ion and ciprofloxacin. Microchemical Journal, 2020, 155, 104686.	4.5	18
15	Facile synthesis of silver nanoparticles using Azolla caroliniana, their cytotoxicity, catalytic, optical and antibacterial activity. Materials Today: Proceedings, 2020, 25, 163-168.	1.8	10
16	S-rGO modified sulphur doped carbon nitride with mixed-dimensional hierarchical nanostructures of silver vanadate for the enhanced photocatalytic degradation of pollutants in divergent fields. Applied Surface Science, 2019, 495, 143478.	6.1	18
17	Curcuma longa rhizome extract mediated unmodified silver nanoparticles as multisensing probe for Hg(II) ions. Materials Research Express, 2019, 6, 1150h5.	1.6	4
18	In situ S-doped ultrathin gC₃N₄ nanosheets coupled with mixed-dimensional (3D/1D) nanostructures of silver vanadates for enhanced photocatalytic degradation of organic pollutants. New Journal of Chemistry, 2019, 43, 10618-10630.	2.8	29

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19	Unmodified silver nanoparticles based multisensor for Ni (II) ions in real samples. International Journal of Environmental Analytical Chemistry, 2019, 99, 380-395.	3.3	3
20	Green synthesis of Stereospermum suaveolens capped silver and gold nanoparticles and assessment of their innate antioxidant, antimicrobial and antiproliferative activities. Bioprocess and Biosystems Engineering, 2018, 41, 939-951.	3.4	23
21	Microwave assisted green synthesis of silver nanoparticles using leaf extract of elephantopus scaber and its environmental and biological applications. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 795-804.	2.8	141
22	Indigofera tinctoria leaf extract mediated green synthesis of silver and gold nanoparticles and assessment of their anticancer, antimicrobial, antioxidant and catalytic properties. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 861-871.	2.8	182
23	Green Synthesis, Characterization and Applications of Noble Metal Nanoparticles Using Myxopyrum serratulum A. W. Hill Leaf Extract. BioNanoScience, 2018, 8, 105-117.	3.5	29
24	Green synthesized unmodified silver nanoparticles as a multi-sensor for Cr(<scp>iii</scp>) ions. Environmental Science: Water Research and Technology, 2018, 4, 1531-1542.	2.4	23
25	Green silver nanoparticles as a multifunctional sensor for toxic Cd(<scp>ii</scp>) ions. New Journal of Chemistry, 2018, 42, 15022-15031.	2.8	31
26	Green synthesis and characterization of gold and silver nanoparticles using Mussaenda glabrata leaf extract and their environmental applications to dye degradation. Environmental Science and Pollution Research, 2017, 24, 17347-17357.	5.3	148
27	Synthesis and characterization of multifunctional gold and silver nanoparticles using leaf extract ofNaregamia alataand their applications in the catalysis and control of mastitis. New Journal of Chemistry, 2017, 41, 14288-14298.	2.8	50
28	Microwave-assisted green synthesis of silver nanoparticles and the study on catalytic activity in the degradation of dyes. Journal of Molecular Liquids, 2015, 204, 184-191.	4.9	233
29	Microwave assisted facile green synthesis of silver and gold nanocatalysts using the leaf extract of Aerva lanata. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2015, 136, 1371-1379.	3.9	125