

Sijo Francis

List of Publications by Year in descending order

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29
papers

1,206
citations

567281

15
h-index

501196

28
g-index

29
all docs

29
docs citations

29
times ranked

1439
citing authors

#	ARTICLE	IF	CITATIONS
1	Microwave-assisted green synthesis of silver nanoparticles and the study on catalytic activity in the degradation of dyes. <i>Journal of Molecular Liquids</i> , 2015, 204, 184-191.	4.9	233
2	<i>Indigofera tinctoria</i> leaf extract mediated green synthesis of silver and gold nanoparticles and assessment of their anticancer, antimicrobial, antioxidant and catalytic properties. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 861-871.	2.8	182
3	Green synthesis and characterization of gold and silver nanoparticles using <i>Mussaenda glabrata</i> leaf extract and their environmental applications to dye degradation. <i>Environmental Science and Pollution Research</i> , 2017, 24, 17347-17357.	5.3	148
4	Microwave assisted green synthesis of silver nanoparticles using leaf extract of <i>elephantopus scaber</i> and its environmental and biological applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2018, 46, 795-804.	2.8	141
5	Microwave assisted facile green synthesis of silver and gold nanocatalysts using the leaf extract of <i>Aerva lanata</i> . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 136, 1371-1379.	3.9	125
6	Synthesis and characterization of multifunctional gold and silver nanoparticles using leaf extract of <i>Naregamia alata</i> and their applications in the catalysis and control of mastitis. <i>New Journal of Chemistry</i> , 2017, 41, 14288-14298.	2.8	50
7	Green silver nanoparticles as a multifunctional sensor for toxic Cd ions. <i>New Journal of Chemistry</i> , 2018, 42, 15022-15031.	2.8	31
8	Green Synthesis, Characterization and Applications of Noble Metal Nanoparticles Using <i>Myxopyrum serratum</i> A. W. Hill Leaf Extract. <i>BioNanoScience</i> , 2018, 8, 105-117.	3.5	29
9	<i>In situ</i> S-doped ultrathin gC ₃ N ₄ nanosheets coupled with mixed-dimensional (3D/1D) nanostructures of silver vanadates for enhanced photocatalytic degradation of organic pollutants. <i>New Journal of Chemistry</i> , 2019, 43, 10618-10630.	2.8	29
10	Microwave assisted green synthesis of silver nanoparticles for optical, catalytic, biological and electrochemical applications. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2021, 49, 438-449.	2.8	26
11	Green synthesis of <i>Stereospermum suaveolens</i> capped silver and gold nanoparticles and assessment of their innate antioxidant, antimicrobial and antiproliferative activities. <i>Bioprocess and Biosystems Engineering</i> , 2018, 41, 939-951.	3.4	23
12	Green synthesized unmodified silver nanoparticles as a multi-sensor for Cr ions. <i>Environmental Science: Water Research and Technology</i> , 2018, 4, 1531-1542.	2.4	23
13	Rapid sunlight-driven mineralisation of dyes and fungicide in water by novel sulphur-doped graphene oxide/Ag ₃ VO ₄ nanocomposite. <i>Environmental Science and Pollution Research</i> , 2020, 27, 9604-9618.	5.3	19
14	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. <i>Applied Surface Science</i> , 2019, 495, 143478.	6.1	18
15	Bimetallic Ag-Au nanoparticles as pH dependent dual sensing probe for Mn(II) ion and ciprofloxacin. <i>Microchemical Journal</i> , 2020, 155, 104686.	4.5	18
16	Cyclodextrin-mediated gold nanoparticles as multisensing probe for the selective detection of hydroxychloroquine drug. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 624-634.	2.7	15
17	Microwave assisted green synthesis of gold nanoparticles for catalytic degradation of environmental pollutants. <i>Environmental Nanotechnology, Monitoring and Management</i> , 2021, 16, 100525.	2.9	15
18	Green Synthesized Unmodified Silver Nanoparticles as Reproducible Dual Sensor for Mercuric Ions and Catalyst to Abate Environmental Pollutants. <i>BioNanoScience</i> , 2021, 11, 739-754.	3.5	14

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19	Novel La(OH) ₃ -integrated sGO-Ag ₃ VO ₄ /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
20	Fabrication of zirconium ferrite doped Ag ₃ PO ₄ composite for the degradation of refractory pollutants: Visible light assisted Z-scheme insight. Materials Science in Semiconductor Processing, 2021, 130, 105797.	4.0	12
21	Green-synthesized Cu ₂ O nanoaggregates incorporated on β -cyclodextrin for catalytic reduction and electrochemical sensing. Journal of the Iranian Chemical Society, 2020, 17, 2613-2626.	2.2	11
22	Facile synthesis of silver nanoparticles using <i>Azolla caroliniana</i> , their cytotoxicity, catalytic, optical and antibacterial activity. Materials Today: Proceedings, 2020, 25, 163-168.	1.8	10
23	Fast and efficient degradation of water pollutant dyes and fungicide by novel sulfur-doped graphene oxide-modified Ag ₃ PO ₄ nanocomposite. Environmental Science and Pollution Research, 2021, 28, 20247-20260.	5.3	8
24	<i>Curcuma longa</i> rhizome extract mediated unmodified silver nanoparticles as multisensing probe for Hg(II) ions. Materials Research Express, 2019, 6, 1150h5.	1.6	4
25	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
26	Novel La(OH) ₃ integrated sGO-Ag ₃ PO ₄ /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
27	Fabrication of La ₂ O ₃ /Bi ₂ O ₃ /silver orthophosphate Heterojunction Catalyst for the Visible Light Mediated Remediation of Refractory Pollutants. Materials Research Bulletin, 2021, 140, 111299.	5.2	2
28	Unmodified Green Silver Nanoparticles as Multisensor for Zn ²⁺ and Catalyst for Environmental Remediation. ChemistrySelect, 2021, 6, 3584-3596.	1.5	1
29	A novel lanthanum and bismuth based self-cleaning nanocomposite for organic pollutants. AIP Conference Proceedings, 2020, . .	0.4	0