

Suwat Nanan

List of Publications by Year in descending order

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29
papers

1,430
citations

279487

23
h-index

476904

29
g-index

29
all docs

29
docs citations

29
times ranked

892
citing authors

#	ARTICLE	IF	CITATIONS
1	Visible-light-driven photocatalytic degradation of ofloxacin (OFL) antibiotic and Rhodamine B (RhB) dye by solvothermally grown ZnO/Bi ₂ MoO ₆ heterojunction. <i>Journal of Colloid and Interface Science</i> , 2021, 582, 412-427.	5.0	174
2	CdS/BiOBr heterojunction photocatalyst with high performance for solar-light-driven degradation of ciprofloxacin and norfloxacin antibiotics. <i>Applied Surface Science</i> , 2021, 567, 150850.	3.1	99
3	Visible-light-responsive photocatalyst based on ZnO/CdS nanocomposite for photodegradation of reactive red azo dye and ofloxacin antibiotic. <i>Materials Science in Semiconductor Processing</i> , 2021, 123, 105558.	1.9	96
4	SDS capped and PVA capped ZnO nanostructures with high photocatalytic performance toward photodegradation of reactive red (RR141) azo dye. <i>Journal of Environmental Chemical Engineering</i> , 2018, 6, 74-94.	3.3	85
5	Hydrothermally grown CdS nanoparticles for photodegradation of anionic azo dyes under UV-visible light irradiation. <i>RSC Advances</i> , 2018, 8, 22592-22605.	1.7	84
6	Hydrothermal synthesis of ZnO photocatalyst for detoxification of anionic azo dyes and antibiotic. <i>Journal of Physics and Chemistry of Solids</i> , 2022, 160, 110353.	1.9	74
7	Performance of solvothermally grown Bi ₂ MoO ₆ photocatalyst toward degradation of organic azo dyes and fluoroquinolone antibiotics. <i>Materials Letters</i> , 2020, 258, 126764.	1.3	68
8	Sunlight-driven photodegradation of oxytetracycline antibiotic by BiVO ₄ photocatalyst. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122088.	1.4	66
9	Solvothermal synthesis of BiOBr photocatalyst with an assistant of PVP for visible-light-driven photocatalytic degradation of fluoroquinolone antibiotics. <i>Catalysis Today</i> , 2022, 384-386, 209-227.	2.2	55
10	Silver decorated ZnO photocatalyst for effective removal of reactive red azo dye and ofloxacin antibiotic under solar light irradiation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 626, 127034.	2.3	52
11	Solvothermally grown BiOCl catalyst for photodegradation of cationic dye and fluoroquinolone-based antibiotics. <i>Journal of Materials Science: Materials in Electronics</i> , 2020, 31, 9685-9694.	1.1	49
12	Solvothermal synthesis of CTAB capped and SDS capped BiOCl photocatalysts for degradation of rhodamine B (RhB) dye and fluoroquinolone antibiotics. <i>Journal of Solid State Chemistry</i> , 2021, 294, 121824.	1.4	45
13	Preparation, characterization, and photocatalytic study of solvothermally grown CTAB-capped Bi ₂ WO ₆ photocatalyst toward photodegradation of Rhodamine B dye. <i>Optical Materials</i> , 2021, 117, 111183.	1.7	45
14	Enhanced photocatalytic performance of ZnO/Bi ₂ WO ₆ heterojunctions toward photodegradation of fluoroquinolone-based antibiotics in wastewater. <i>Journal of Physics and Chemistry of Solids</i> , 2021, 153, 109995.	1.9	44
15	Hydrothermally grown SDS-capped ZnO photocatalyst for degradation of RR141 azo dye. <i>Materials Letters</i> , 2019, 245, 1-5.	1.3	42
16	Low temperature synthesis, characterization and photoluminescence study of plate-like ZnS. <i>Materials Letters</i> , 2016, 164, 198-201.	1.3	36
17	Hydrothermal synthesis, characterization and enhanced photocatalytic performance of ZnO toward degradation of organic azo dye. <i>Materials Letters</i> , 2018, 226, 79-82.	1.3	36
18	Photocatalytic performance of CdS nanomaterials for photodegradation of organic azo dyes under artificial visible light and natural solar light irradiation. <i>Journal of Materials Science: Materials in Electronics</i> , 2017, 28, 17421-17441.	1.1	35

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19	PVP-assisted synthesis of rod-like ZnO photocatalyst for photodegradation of reactive red (RR141) and Congo red (CR) azo dyes. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 17804-17819.	1.1	35
20	Performance of sunlight responsive WO ₃ /AgBr heterojunction photocatalyst toward degradation of Rhodamine B dye and ofloxacin antibiotic. <i>Optical Materials</i> , 2021, 121, 111573.	1.7	35
21	Utilization of formononetin and pinocembrin from stem extract of <i>Dalbergia parviflora</i> as capping agents for preparation of ZnO photocatalysts for degradation of RR141 azo dye and ofloxacin antibiotic. <i>Catalysis Today</i> , 2022, 384-386, 279-293.	2.2	33
22	New eco-friendly extraction of anionic analytes based on formation of layered double hydroxides. <i>Green Chemistry</i> , 2015, 17, 3837-3843.	4.6	31
23	Solar light-driven photocatalyst based on bismuth molybdate (Bi ₄ MoO ₉) for detoxification of anionic azo dyes in wastewater. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 1977-1991.	1.1	26
24	Fabrication of MoS ₂ /Ag ₃ PO ₄ S-scheme photocatalyst for visible-light-active degradation of organic dye and antibiotic in wastewater. <i>Journal of Materials Science: Materials in Electronics</i> , 2021, 32, 19798-19819.	1.1	23
25	Sunlight-Active BiOI Photocatalyst as an Efficient Adsorbent for the Removal of Organic Dyes and Antibiotics from Aqueous Solutions. <i>Molecules</i> , 2021, 26, 5624.	1.7	20
26	Improved syntheses of high hole mobility phthalocyanines: A case of steric assistance in the cyclo-oligomerisation of phthalonitriles. <i>Beilstein Journal of Organic Chemistry</i> , 2012, 8, 120-128.	1.3	19
27	Enhanced Photocatalytic Degradation of Tetracycline and Oxytetracycline Antibiotics by BiVO ₄ Photocatalyst under Visible Light and Solar Light Irradiation. <i>Antibiotics</i> , 2022, 11, 761.	1.5	16
28	Removal of Lead by Merlinoite Prepared from Sugarcane Bagasse Ash and Kaolin: Synthesis, Isotherm, Kinetic, and Thermodynamic Studies. <i>Molecules</i> , 2021, 26, 7550.	1.7	5
29	A hybrid of hexakis(hexyloxy) triphenylene and synthetic saponite. <i>Applied Clay Science</i> , 2015, 114, 407-411.	2.6	2