

Suwat Nanan

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

1,430
citations

279487

23
h-index

476904

29
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all docs

29
docs citations

29
times ranked

892
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | 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 |
| 6 | 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 |
| 7 | 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 |
| 8 | 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 |
| 9 | Sunlight-driven photodegradation of oxytetracycline antibiotic by BiVO ₄ photocatalyst. <i>Journal of Solid State Chemistry</i> , 2021, 297, 122088. | 1.4 | 66 |
| 10 | 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 |
| 11 | 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 |
| 12 | 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 |
| 13 | 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 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | 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 |
| 18 | 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 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | Hydrothermally grown SDS-capped ZnO photocatalyst for degradation of RR141 azo dye. <i>Materials Letters</i> , 2019, 245, 1-5. | 1.3 | 42 |
| 22 | 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 |
| 23 | 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 |
| 24 | 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 |
| 25 | 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 |
| 26 | Low temperature synthesis, characterization and photoluminescence study of plate-like ZnS. <i>Materials Letters</i> , 2016, 164, 198-201. | 1.3 | 36 |
| 27 | 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 |
| 28 | A hybrid of hexakis(hexyloxy) triphenylene and synthetic saponite. <i>Applied Clay Science</i> , 2015, 114, 407-411. | 2.6 | 2 |
| 29 | 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 |