

Anna Malankowska

List of Publications by Year in descending order

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29
papers

1,352
citations

471371

17
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501076

28
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29
all docs

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docs citations

29
times ranked

2210
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Development of novel (BiO) ₂ OHCl/BiOBr enriched with boron doped-carbon nanowalls for photocatalytic cytostatic drug degradation: assessing photocatalytic process utilization in environmental condition. <i>Applied Surface Science</i> , 2022, , 152664. | 3.1 | 2 |
| 2 | Lanthanide-organic-frameworks modified ZnIn ₂ S ₄ for boosting hydrogen generation under UV-Vis and visible light. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 16065-16079. | 3.8 | 10 |
| 3 | Application of BiOCl/BiBr photocatalyst to cytostatic drugs removal from water; mechanism and toxicity assessment. <i>Separation and Purification Technology</i> , 2021, 254, 117601. | 3.9 | 13 |
| 4 | Remarkable visible-light induced hydrogen generation with ZnIn ₂ S ₄ microspheres/CuInS ₂ quantum dots photocatalytic system. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 486-498. | 3.8 | 44 |
| 5 | Morphology Regulation Mechanism and Enhancement of Photocatalytic Performance of BiOX (X = Cl, Br, I) Quantum Dots. <i>Journal of Materials Science: Materials in Chemistry</i> , 2021, 32, 117601. | 1.6 | 18 |
| 6 | Editorial Catalysts: Special Issue on Recent Advances in TiO ₂ Photocatalysts. <i>Catalysts</i> , 2021, 11, 790. | 1.6 | 3 |
| 7 | Metal Titanate (ATiO ₃ , A: Ni, Co, Mg, Zn) Nanorods for Toluene Photooxidation under LED Illumination. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 10850. | 1.3 | 9 |
| 8 | Catalytic Activity of New Oxovanadium(IV) Microclusters with 2-Phenylpyridine in Olefin Oligomerization. <i>Materials</i> , 2021, 14, 7670. | 1.3 | 5 |
| 9 | The effect of Ag, Au, Pt, and Pd on the surface properties, photocatalytic activity and toxicity of multicomponent TiO ₂ -based nanomaterials. <i>Environmental Science: Nano</i> , 2020, 7, 3557-3574. | 2.2 | 17 |
| 10 | The Effect of AgInS ₂ , SnS, CuS, Bi ₂ S ₃ Quantum Dots on the Surface Properties and Photocatalytic Activity of QDs-Sensitized TiO ₂ Composite. <i>Catalysts</i> , 2020, 10, 403. | 1.6 | 13 |
| 11 | A cheminformatics approach for the characterization of hybrid nanomaterials: safer and efficient design perspective. <i>Nanoscale</i> , 2019, 11, 11808-11818. | 2.8 | 35 |
| 12 | Impact of gold nanoparticles shape on their cytotoxicity against human osteoblast and osteosarcoma in in vitro model. Evaluation of the safety of use and anti-cancer potential. <i>Journal of Materials Science: Materials in Medicine</i> , 2019, 30, 22. | 1.7 | 127 |
| 13 | Morphology, surface properties and photocatalytic activity of the bismuth oxyhalides semiconductors prepared by ionic liquid assisted solvothermal method. <i>Separation and Purification Technology</i> , 2019, 217, 164-173. | 3.9 | 33 |
| 14 | Optical and photocatalytic properties of rare earth metal-modified ZnO quantum dots. <i>Applied Surface Science</i> , 2019, 464, 651-663. | 3.1 | 64 |
| 15 | Quantum dot-decorated semiconductor micro- and nanoparticles: A review of their synthesis, characterization and application in photocatalysis. <i>Advances in Colloid and Interface Science</i> , 2018, 256, 352-372. | 7.0 | 129 |
| 16 | The role of lanthanides in TiO ₂ -based photocatalysis: A review. <i>Applied Catalysis B: Environmental</i> , 2018, 233, 301-317. | 10.8 | 146 |
| 17 | Design, Synthesis, and Enzymatic Evaluation of Novel ZnO Quantum Dot-Based Assay for Detection of Proteinase 3 Activity. <i>Bioconjugate Chemistry</i> , 2018, 29, 1576-1583. | 1.8 | 10 |
| 18 | TiO ₂ and NaTaO ₃ Decorated by Trimetallic Au/Pd/Pt Core-Shell Nanoparticles as Efficient Photocatalysts: Experimental and Computational Studies. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 16665-16682. | 3.2 | 38 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | TiO ₂ CoxOy composite nanotube arrays via one step electrochemical anodization for visible light-induced photocatalytic reaction. Surfaces and Interfaces, 2018, 12, 179-189. | 1.5 | 10 |
| 20 | Application of metal oxide-based photocatalysis. , 2018, , 211-340. | | 13 |
| 21 | Photocatalytically Active TiO ₂ /Ag ₂ O Nanotube Arrays Interlaced with Silver Nanoparticles Obtained from the One-Step Anodic Oxidation of Ti-Ag Alloys. ACS Catalysis, 2017, 7, 2753-2764. | 5.5 | 76 |
| 22 | Size and shape-dependent cytotoxicity profile of gold nanoparticles for biomedical applications. Journal of Materials Science: Materials in Medicine, 2017, 28, 92. | 1.7 | 147 |
| 23 | Growth, Structure, and Photocatalytic Properties of Hierarchical V ₂ O ₅ -TiO ₂ Nanotube Arrays Obtained from the One-step Anodic Oxidation of Ti-V Alloys. Molecules, 2017, 22, 580. | 1.7 | 31 |
| 24 | Self-Organized TiO ₂ -MnO ₂ Nanotube Arrays for Efficient Photocatalytic Degradation of Toluene. Molecules, 2017, 22, 564. | 1.7 | 43 |
| 25 | Evaluating the toxicity of TiO ₂ -based nanoparticles to Chinese hamster ovary cells and Escherichia coli: a complementary experimental and computational approach. Beilstein Journal of Nanotechnology, 2017, 8, 2171-2180. | 1.5 | 29 |
| 26 | The effect of gold shape and size on the properties and visible light-induced photoactivity of Au-TiO ₂ . Applied Catalysis B: Environmental, 2016, 196, 27-40. | 10.8 | 83 |
| 27 | Combined experimental and computational approach to developing efficient photocatalysts based on Au/Pd-TiO ₂ nanoparticles. Environmental Science: Nano, 2016, 3, 1425-1435. | 2.2 | 29 |
| 28 | Ionic liquids for nano- and microstructures preparation. Part 1: Properties and multifunctional role. Advances in Colloid and Interface Science, 2016, 230, 13-28. | 7.0 | 100 |
| 29 | Ionic liquids for nano- and microstructures preparation. Part 2: Application in synthesis. Advances in Colloid and Interface Science, 2016, 227, 1-52. | 7.0 | 77 |