

Aniket Balapure

List of Publications by Year in descending order

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14
papers

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1040056

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#	ARTICLE	IF	CITATIONS
1	Highly Dispersed Nanocomposite of AgBr in g-C ₃ N ₄ Matrix Exhibiting Efficient Antibacterial Effect on Drought-Resistant <i>Pseudomonas putida</i> under Dark and Light Conditions. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 21481-21493.	8.0	40
2	Structural, Electronic and Thermoelectric Properties of Bi ₂ Se ₃ Thin Films Deposited by RF Magnetron Sputtering. <i>Journal of Electronic Materials</i> , 2022, 51, 2500-2509.	2.2	19
3	Anatase versus Triphasic TiO ₂ : Near-identical synthesis and comparative structure-sensitive photocatalytic degradation of methylene blue and 4-chlorophenol. <i>Journal of Colloid and Interface Science</i> , 2021, 581, 205-217.	9.4	18
4	Lactobacillus amylovorus derived lipase-mediated silver derivatization over poly(ϵ -caprolactone) towards antimicrobial coatings. <i>Enzyme and Microbial Technology</i> , 2021, 150, 109888.	3.2	16
5	Sublimable xanthate-mediated solid-state synthesis of highly interspersed g-C ₃ N ₄ /Ag ₂ S nanocomposites exhibiting efficient bactericidal effects both under dark and light conditions. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106065.	6.7	15
6	Water-soluble caffeic acid-dopamine acid-base complex exhibits enhanced bactericidal, antioxidant, and anticancer properties. <i>Food Chemistry</i> , 2022, 374, 131830.	8.2	13
7	Quaternized Polydopamine Coatings for Anchoring Molecularly Dispersed Broad-Spectrum Antimicrobial Silver Salts. <i>ACS Applied Bio Materials</i> , 2021, 4, 8396-8406.	4.6	12
8	Naked-eye colorimetric detection of HCV RNA mediated by a 5' UTR-targeted antisense oligonucleotide and plasmonic gold nanoparticles. <i>Analyst</i> , 2021, 146, 1569-1578.	3.5	11
9	ZnO core-triggered nitrogen-deficient carbonaceous g-C ₃ N ₄ shell enhances the visible-light-driven disinfection. <i>Carbon Trends</i> , 2021, 5, 100118.	3.0	11
10	Fabricating effective heterojunction in metal-organic framework-derived self-cleanable and dark/visible-light dual mode antimicrobial CuO/AgX (X=Cl, Br, or I) nanocomposites. <i>Chemical Engineering Journal</i> , 2022, 446, 137363.	12.7	10
11	Genotyping simplified: rationally designed antisense oligonucleotide-mediated PCR amplification-free colorimetric sensing of viral RNA in HCV genotypes 1 and 3. <i>Analyst</i> , 2021, 146, 4767-4774.	3.5	5
12	Enhanced antibacterial, antioxidant and anticancer activity of caffeic acid by simple acid-base complexation with spermine/spermidine. <i>Natural Product Research</i> , 2022, 36, 6453-6458.	1.8	5
13	Influence of citrate buffer and flash heating in enhancing the sensitivity of ratiometric genosensing of Hepatitis C virus using plasmonic gold nanoparticles. <i>Micro and Nano Systems Letters</i> , 2021, 9, .	3.7	3
14	Edible Acid-Base Complexes of Caffeic Acid with Histidine and Arginine Exhibit Enhanced Antimicrobial and Antioxidant Characteristics. <i>ACS Food Science & Technology</i> , 0, .	2.7	1