

Yiseul Yu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

947
citations

623734

14
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

568
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid and highly selective electrochemical sensor based on ZnS/Au-decorated f-multi-walled carbon nanotube nanocomposites produced via pulsed laser technique for detection of toxic nitro compounds. <i>Journal of Hazardous Materials</i> , 2021, 418, 126269.	12.4	140
2	Integrated technique of pulsed laser irradiation and sonochemical processes for the production of highly surface-active NiPd spheres. <i>Chemical Engineering Journal</i> , 2021, 411, 128486.	12.7	119
3	Enhanced photocatalytic activity at multidimensional interface of 1D-Bi ₂ S ₃ @2D-GO/3D-BiOI ternary nanocomposites for tetracycline degradation under visible-light. <i>Journal of Hazardous Materials</i> , 2021, 404, 123868.	12.4	93
4	Plasmonic ZnO/Au/g-C ₃ N ₄ nanocomposites as solar light active photocatalysts for degradation of organic contaminants in wastewater. <i>Chemosphere</i> , 2021, 263, 128262.	8.2	75
5	Lignin-mediated green synthesis of functionalized gold nanoparticles via pulsed laser technique for selective colorimetric detection of lead ions in aqueous media. <i>Journal of Hazardous Materials</i> , 2021, 420, 126585.	12.4	66
6	Pulsed laser synthesis of reduced graphene oxide supported ZnO/Au nanostructures in liquid with enhanced solar light photocatalytic activity. <i>Environmental Pollution</i> , 2020, 266, 115247.	7.5	63
7	Fabrication strategies and surface tuning of hierarchical gold nanostructures for electrochemical detection and removal of toxic pollutants. <i>Journal of Hazardous Materials</i> , 2021, 420, 126648.	12.4	59
8	Solvent-mediated synthesis of BiOI with a tunable surface structure for effective visible light active photocatalytic removal of Cr(VI) from wastewater. <i>Environmental Research</i> , 2021, 197, 111080.	7.5	54
9	Production of copper nanoparticles exhibiting various morphologies via pulsed laser ablation in different solvents and their catalytic activity for reduction of toxic nitroaromatic compounds. <i>Journal of Hazardous Materials</i> , 2021, 409, 124412.	12.4	50
10	Pulsed laser-assisted synthesis of metal and nonmetal-codoped ZnO for efficient photocatalytic degradation of Rhodamine B under solar light irradiation. <i>Chemosphere</i> , 2021, 274, 129782.	8.2	49
11	Efficient recovery of palladium nanoparticles from industrial wastewater and their catalytic activity toward reduction of 4-nitrophenol. <i>Chemosphere</i> , 2021, 262, 128358.	8.2	46
12	Method development and mechanistic study on direct pulsed laser irradiation process for highly effective dechlorination of persistent organic pollutants. <i>Environmental Pollution</i> , 2021, 291, 118158.	7.5	38
13	Nanogap-tailored Au nanoparticles fabricated by pulsed laser ablation for surface-enhanced Raman scattering. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113766.	10.1	31
14	Novel approach for the synthesis and recovery of lithium carbonate using a pulsed laser irradiation technique. <i>Materials Letters</i> , 2022, 308, 131218.	2.6	17
15	Enhanced dechlorination of m-DCB using iron@graphite/palladium (Fe@C/Pd) nanoparticles produced by pulsed laser ablation in liquid. <i>Chemosphere</i> , 2016, 155, 250-256.	8.2	14
16	Facile Preparation of Cu_2O and CuO Nanoparticles by Pulsed Laser Ablation in NaOH Solutions of Different Concentration. <i>Bulletin of the Korean Chemical Society</i> , 2015, 36, 3-4.	1.9	13
17	In-situ thermal phase transition and structural investigation of ferroelectric tetragonal barium titanate nanopowders with pseudo-cubic phase. <i>Chemosphere</i> , 2021, 283, 131218.	8.2	11
18	Silane-treated BaTiO ₃ ceramic powders for multilayer ceramic capacitor with enhanced dielectric properties. <i>Chemosphere</i> , 2022, 286, 131734.	8.2	9