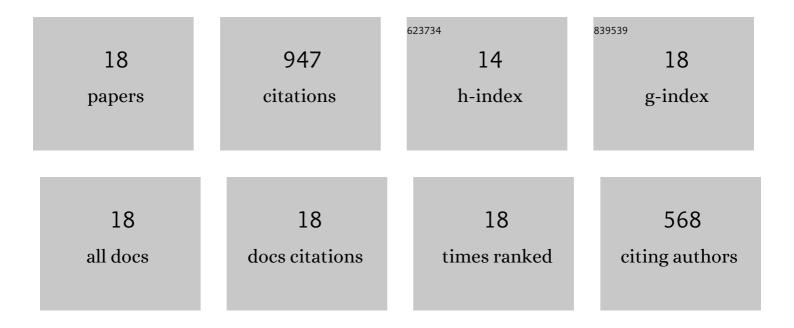
Yiseul Yu

List of Publications by Year in descending order

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VISEUL VII

#	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. Journal of Hazardous Materials, 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. Chemical Engineering Journal, 2021, 411, 128486.	12.7	119
3	Enhanced photocatalytic activity at multidimensional interface of 1D-Bi2S3@2D-GO/3D-BiOI ternary nanocomposites for tetracycline degradation under visible-light. Journal of Hazardous Materials, 2021, 404, 123868.	12.4	93
4	Plasmonic ZnO/Au/g-C3N4 nanocomposites as solar light active photocatalysts for degradation of organic contaminants in wastewater. Chemosphere, 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. Journal of Hazardous Materials, 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. Environmental Pollution, 2020, 266, 115247.	7.5	63
7	Fabrication strategies and surface tuning of hierarchical gold nanostructures for electrochemical detection and removal of toxic pollutants. Journal of Hazardous Materials, 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. Environmental Research, 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. Journal of Hazardous Materials, 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. Chemosphere, 2021, 274, 129782.	8.2	49
11	Efficient recovery of palladium nanoparticles from industrial wastewater and their catalytic activity toward reduction of 4-nitrophenol. Chemosphere, 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. Environmental Pollution, 2021, 291, 118158.	7.5	38
13	Nanogap-tailored Au nanoparticles fabricated by pulsed laser ablation for surface-enhanced Raman scattering. Biosensors and Bioelectronics, 2022, 197, 113766.	10.1	31
14	Novel approach for the synthesis and recovery of lithium carbonate using a pulsed laser irradiation technique. Materials Letters, 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. Chemosphere, 2016, 155, 250-256.	8.2	14
16	Facile Preparation of <scp>Cu₂O</scp> and <scp>CuO</scp> Nanoparticles by Pulsed Laser Ablation in <scp>NaOH</scp> Solutions of Different Concentration. Bulletin of the Korean Chemical Society, 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. Chemosphere, 2021, 283, 131218.	8.2	11
18	Silane-treated BaTiO3 ceramic powders for multilayer ceramic capacitor with enhanced dielectric properties. Chemosphere, 2022, 286, 131734.	8.2	9