Aysenur Aygun

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43 papers	1,093 citations	17 h-index	32 g-index
49 ext. papers	1,487 ext. citations	5 avg, IF	5.07 L-index

#	Paper	IF	Citations
43	Highly active PdPt bimetallic nanoparticles synthesized by one-step bioreduction method: Characterizations, anticancer, antibacterial activities and evaluation of their catalytic effect for hydrogen generation. *International Journal of Hydrogen Energy*, **2022**,	6.7	10
42	An environmental approach for the photodegradation of toxic pollutants from wastewater using Pt-Pd nanoparticles: Antioxidant, antibacterial and lipid peroxidation inhibition applications.. *Environmental Research*, **2022**, 208, 112708	7.9	7
41	Facile bio-fabrication of Pd-Ag bimetallic nanoparticles and its performance in catalytic and pharmaceutical applications: Hydrogen production and in-vitro antibacterial, anticancer activities, and model development. *Chemical Engineering Research and Design*, **2022**, 180, 254-264	5.5	4
40	Phyto-mediated synthesis of nanoparticles and their applications on hydrogen generation on NaBH, biological activities and photodegradation on azo dyes: Development of machine learning model.. *Food and Chemical Toxicology*, **2022**, 163, 112972	4.7	0
39	Assessment of therapeutic potential of silver nanoparticles synthesized by Ferula Pseudalliacea rech. F. plant. *Inorganic Chemistry Communication*, **2022**, 140, 109417	3.1	1
38	Development of electrochemical aptasensors detecting phosphate ions on TMB substrate with epoxy-based mesoporous silica nanoparticles.. *Chemosphere*, **2022**, 134077	8.4	1
37	Biosynthesis of Ag-Pt bimetallic nanoparticles using propolis extract: Antibacterial effects and catalytic activity on NaBH hydrolysis.. *Environmental Research*, **2021**, 206, 112622	7.9	8
36	Green synthesis of palladium nanoparticles: Preparation, characterization, and investigation of antioxidant, antimicrobial, anticancer, and DNA cleavage activities. *Applied Organometallic Chemistry*, **2021**, 35, e6272	3.1	15
35	Electro-catalytic amplified sensor for determination of N-acetylcysteine in the presence of theophylline confirmed by experimental coupled theoretical investigation. *Scientific Reports*, **2021**, 11, 1006	4.9	2
34	Resistance, removal, and bioaccumulation of Ni (II) and Co (II) and their impacts on antioxidant enzymes of Anoxybacillus mongoliensis. *Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology*, **2020**, 235, 108790	3.2	7
33	Green synthesis and characterization of Camellia sinensis mediated silver nanoparticles for antibacterial ceramic applications. *Materials Chemistry and Physics*, **2020**, 250, 123037	4.4	27
32	Ionic Liquids for the Sustainable Development of Chemistry. *Nanotechnology in the Life Sciences*, **2020**, 99-111	1.1	
31	Biogenic platinum nanoparticles using black cumin seed and their potential usage as antimicrobial and anticancer agent. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 179, 112961	3.5	59
30	Synthesis and characterization of Reishi mushroom-mediated green synthesis of silver nanoparticles for the biochemical applications. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 178, 112970	3.5	85
29	Biological synthesis of silver nanoparticles using Rheum ribes and evaluation of their anticarcinogenic and antimicrobial potential: A novel approach in phytonanotechnology. *Journal of Pharmaceutical and Biomedical Analysis*, **2020**, 179, 113012	3.5	41
28	A new nickel-based co-crystal complex electrocatalyst amplified by NiO dope Pt nanostructure hybrid; a highly sensitive approach for determination of cysteamine in the presence of serotonin. *Scientific Reports*, **2020**, 10, 11699	4.9	178
27	Bimetallic palladium-cobalt nanomaterials as highly efficient catalysts for dehydrocoupling of dimethylamine borane. *International Journal of Hydrogen Energy*, **2020**, 45, 3569-3576	6.7	15

26	Medicinal Applications of Photocatalysts. *Environmental Chemistry for A Sustainable World*, **2020**, 245-265	5.8	
25	Polymer-graphene hybrid stabilized ruthenium nanocatalysts for the dimethylamine-borane dehydrogenation at ambient conditions. *Journal of Molecular Liquids*, **2019**, 279, 578-583	6	27
24	Synergistic and Antagonistic Effects of Phenylalanine and Various Antibiotics on the Growth of Pathogenic Bacteria. *BioNanoScience*, **2019**, 9, 446-452	3.4	1
23	Equilibrium, Kinetics and Thermodynamics of Bovine Serum Albumin from Carbon Based Materials Obtained from Food Wastes. *BioNanoScience*, **2019**, 9, 692-701	3.4	5
22	Binary Palladium-Nickel/Vulcan carbon-based nanoparticles as highly efficient catalyst for hydrogen evolution reaction at room temperature. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 101, 92-98	5.3	12
21	Glutathione S-Transferase: Purification and Characterization of from Cherry Laurel (Prunus laurocerasus L.) and the Investigation In Vitro Effects of Some Metal Ions and Organic Compounds on Enzyme Activity. *BioNanoScience*, **2019**, 9, 683-691	3.4	7
20	A new highly active polymer supported ruthenium nanocatalyst for the hydrolytic dehydrogenation of dimethylamine-borane. *Journal of the Taiwan Institute of Chemical Engineers*, **2019**, 99, 60-65	5.3	18
19	Highly monodispersed palladium-ruthenium alloy nanoparticles assembled on poly(N-vinyl-pyrrolidone) for dehydrocoupling of dimethylamine-borane: An experimental and density functional theory study. *Journal of Colloid and Interface Science*, **2019**, 546, 83-91	9.3	17
18	Highly active and reusable nanocomposites for hydrogen generation **2019**, 27-41		1
17	Monodisperse PVP-stabilized nanoclusters as highly efficient and reusable catalysts for the dehydrogenation of dimethly ammonia-borane (DMAB) **2019**, 601-614		0
16	Purification and characterization of glutathione S-transferase from blueberry fruits (L.) and investigated of some pesticide inhibition effects on enzyme activity. *Heliyon*, **2019**, 5, e01422	3.6	16
15	Nanocarbon-supported catalysts for the efficient dehydrogenation of dimethylamine borane **2019**, 615-628		6
14	Composites of Platinum-Iridium Alloy Nanoparticles and Graphene Oxide for the Dimethyl Amine Borane (DMAB) dehydrogenation at ambient conditions: An Experimental and Density Functional Theory Study. *Scientific Reports*, **2019**, 9, 15543	4.9	6
13	Graphene-Based Nanomaterials for Hydrogen Storage. *Carbon Nanostructures*, **2019**, 229-245	0.6	
12	Graphene Functionalizations on Copper by Spectroscopic Techniques. *Carbon Nanostructures*, **2019**, 313-333	3.6	
11	Analysis of DNA protection, interaction and antimicrobial activity of isatin derivatives. *International Journal of Biological Macromolecules*, **2019**, 122, 1271-1278	7.9	14
10	Metal-organic frameworks based on monodisperse palladium cobalt nanohybrids as highly active and reusable nanocatalysts for hydrogen generation. *International Journal of Hydrogen Energy*, **2019**, 44, 2988-2996	6.7	17
9	Investigation of Asymmetric Dimethylarginine, Adiponectin, Zn, and Cu Levels in Obese Subjects. *BioNanoScience*, **2019**, 9, 30-37	3.4	1

8	Cytotoxic effects of platinum nanoparticles obtained from pomegranate extract by the green synthesis method on the MCF-7 cell line. *Colloids and Surfaces B: Biointerfaces*, **2018**, 163, 119-124	6	114
7	Bimetallic palladium–iridium alloy nanoparticles as highly efficient and stable catalyst for the hydrogen evolution reaction. *International Journal of Hydrogen Energy*, **2018**, 43, 20183-20191	6.7	41
6	Antidiabetic and antiparasitic potentials: Inhibition effects of some natural antioxidant compounds on α-glycosidase, α-amylase and human glutathione S-transferase enzymes. *International Journal of Biological Macromolecules*, **2018**, 119, 741-746	7.9	132
5	Monodisperse palladium nanoparticles assembled on graphene oxide with the high catalytic activity and reusability in the dehydrogenation of dimethylamine-borane. *International Journal of Hydrogen Energy*, **2018**, 43, 20176-20182	6.7	44
4	Immobilization kinetics and mechanism of bovine serum albumin on diatomite clay from aqueous solutions. *Applied Water Science*, **2018**, 8, 1	5	17
3	The dye removal from aqueous solution using polymer composite films. *Applied Water Science*, **2018**, 8, 1	5	35
2	Carbon-nanotube-based rhodium nanoparticles as highly-active catalyst for hydrolytic dehydrogenation of dimethylamineborane at room temperature. *Journal of Colloid and Interface Science*, **2018**, 530, 321-327	9.3	46
1	Investigation of the effect of pomegranate extract and monodisperse silver nanoparticle combination on MCF-7 cell line. *Journal of Biotechnology*, **2017**, 260, 79-83	3.7	52