Ahmet Ulu

List of Publications by Year
in descending order

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40	1,461	361296	330025
papers	citations	20 h-index	37 g-index

41	41	41	1554
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation, Controlled Drug Release, and Cell Viability Evaluation of Tenofovir Alafenamideâ€Loaded Chitosan Nanoparticles. Starch/Staerke, 2024, 76, .	1.1	5
2	Fabrication of Oleic Acid Grafted Starchâ€based Hybrid Carriers for <scp>l</scp>â€Asparaginase Encapsulation. Starch/Staerke, 2024, 76, 2100152.	1.1	5
3	The Cytotoxicity, DNA Fragmentation, and Decreasing Velocity Induced By Chromium(III) Oxide on Rainbow Trout Spermatozoa. Biological Trace Element Research, 2023, 201, 968-983.	1.9	0
4	A Positive Effect of Magnetic Field on the Catalytic Activity of Immobilized L-Asparaginase: Evaluation of its Feasibility. Catalysis Letters, 2023, 153, 1250-1264.	1.4	6
5	Fabrication of electrospun polycaprolactone/chitosan nanofiber-modified screen-printed electrode for highly sensitive detection of diazinon in food analysis. Measurement: Journal of the International Measurement Confederation, 2022, 187, 110250.	2.5	14
6	Eco-friendly chitosan/Îº-carrageenan membranes reinforced with activated bentonite for adsorption of methylene blue. Materials Chemistry and Physics, 2022, 278, 125611.	2.0	28
7	Design of laccaseâ€“metalâ€“organic framework hybrid constructs for biocatalytic removal of textile dyes. Chemosphere, 2022, 292, 133382.	4.2	39
8	Effects of taurine and apocynin on the zone of stasis. Burns, 2022, 48, 1850-1862.	1.1	1
9	Development of l-asparaginase@hybrid Nanoflowers (ASNase@HNFs) Reactor System with Enhanced Enzymatic Reusability and Stability. Catalysis Letters, 2021, 151, 1191-1201.	1.4	17
10	l-asparaginase immobilized p(HEMA-GMA) cryogels: A recent study for biochemical, thermodynamic and kinetic parameters. Polymer Testing, 2021, 93, 106980.	2.3	17
11	Preparation, characterization, and inÂvitro release study of vincristine sulfate-loaded chitosanâ€“polyethylene glycolâ€“oleic acid composites. International Journal of Polymer Analysis and Characterization, 2021, 26, 291-308.	0.9	5
12	Preparation and Characterization of Amino-Functionalized Zeolite/SiO2 Materials for Trypsinâ€“Chymotrypsin Co-immobilization. Catalysis Letters, 2021, 151, 2463-2477.	1.4	4
13	Î±â€Amylase Immobilization on P(HEMAâ€coâ€PEGMA) Hydrogels: Preparation, Characterization, and Catalytic Investigation. Starch/Staerke, 2021, 73, 2000217.	1.1	8
14	Tailor-made shape memory stents for therapeutic enzymes: A novel approach to enhance enzyme performance. International Journal of Biological Macromolecules, 2021, 185, 966-982.	3.6	7
15	Tunable and tough porous chitosan/Î²-cyclodextrin/tannic acid biocomposite membrane with mechanic, antioxidant, and antimicrobial properties. International Journal of Biological Macromolecules, 2021, 188, 696-707.	3.6	22
16	Comparative study of catalase immobilization via adsorption on P(MMA-co-PEG500MA) structures as an effective polymer support. Polymer Bulletin, 2021, 78, 2663-2684.	1.7	14
17	Maltose functionalized magnetic core/shell Fe3O4@Au nanoparticles for an efficient l-asparaginase immobilization. International Journal of Biological Macromolecules, 2020, 142, 443-451.	3.6	43
18	The Carboxylated Multi-walled Carbon Nanotubes/l-Asparaginase Doped Calcium-Alginate Beads: Structural and Biocatalytic Characterization. Catalysis Letters, 2020, 150, 1679-1691.	1.4	22

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19	Laccase-conjugated thiolated chitosan-Fe3O4 hybrid composite for biocatalytic degradation of organic dyes. International Journal of Biological Macromolecules, 2020, 150, 871-884.	3.6	62
20	Chemistry, Structures, and Advanced Applications of Nanocomposites from Biorenewable Resources. Chemical Reviews, 2020, 120, 9304-9362.	23.0	477
21	Preparation and characterization of amino and carboxyl functionalized core-shell Fe₃O₄/SiO₂ for L-asparaginase immobilization: A comparison study. Biocatalysis and Biotransformation, 2020, 38, 392-404.	1.1	30
22	Melatonin protects sperm cells of Capoeta trutta from toxicity of titanium dioxide nanoparticles. Environmental Science and Pollution Research, 2020, 27, 17843-17853.	2.7	15
23	Chitosan/polypropylene glycol hydrogel composite film designed with TiO2 nanoparticles: A promising scaffold of biomedical applications. International Journal of Biological Macromolecules, 2020, 163, 529-540.	3.6	43
24	Metalâ€“organic frameworks (MOFs): a novel support platform for ASNase immobilization. Journal of Materials Science, 2020, 55, 6130-6144.	1.7	48
25	Comparative study of ASNase immobilization on tannic acid-modified magnetic Fe₃O₄/SBA-15 nanoparticles to enhance stability and reusability. New Journal of Chemistry, 2020, 44, 4440-4451.	1.4	37
26	Chloro-Modified Magnetic Fe3O4@MCM-41 Coreâ€“Shell Nanoparticles for L-Asparaginase Immobilization with Improved Catalytic Activity, Reusability, and Storage Stability. Applied Biochemistry and Biotechnology, 2019, 187, 938-956.	1.4	41
27	Investigation of toxic effects of amorphous SiO2 nanoparticles on motility and oxidative stress markers in rainbow trout sperm cells. Environmental Science and Pollution Research, 2019, 26, 15641-15652.	2.7	11
28	Chitosan/Polyvinylpyrrolidone/MCMâ€41 Composite Hydrogel Films: Structural, Thermal, Surface, and Antibacterial Properties. Starch/Staerke, 2018, 70, 1700303.	1.1	19
29	Poly(2â€hydroxyethyl methacrylate)/boric acid composite hydrogel as soft contact lens material: Thermal, optical, rheological, and enhanced antibacterial properties. Journal of Applied Polymer Science, 2018, 135, 46575.	1.3	31
30	Design of epoxy-functionalized Fe3O4@MCM-41 coreâ€“shell nanoparticles for enzyme immobilization. International Journal of Biological Macromolecules, 2018, 115, 1122-1130.	3.6	53
31	Magnetic-propelled Fe₃O₄â€“chitosan carriers enhance<scp>l</scp>-asparaginase catalytic activity: a promising strategy for enzyme immobilization. RSC Advances, 2018, 8, 36063-36075.	1.7	62
32	Title is missing!. Turkish Journal of Fisheries and Aquatic Sciences, 2018, 18, .	0.4	10
33	The Toxicity Assessment of Iron Oxide (Fe3O4) Nanoparticles on Physical and Biochemical Quality of Rainbow Trout Spermatozoon. Toxics, 2018, 6, 62.	1.6	35
34	The in vitro toxicity analysis of titanium dioxide (TiO 2) nanoparticles on kinematics and biochemical quality of rainbow trout sperm cells. Environmental Toxicology and Pharmacology, 2018, 62, 11-19.	2.0	29
35	Magnetic Fe₃O₄@MCM-41 coreâ€“shell nanoparticles functionalized with thiol silane for efficient <scp>l</scp>-asparaginase immobilization. Artificial Cells, Nanomedicine and Biotechnology, 2018, 46, 1035-1045.	1.9	40
36	Immobilization of <scp>l</scp>-Asparaginase on Carrier Materials: A Comprehensive Review. Bioconjugate Chemistry, 2017, 28, 1598-1610.	1.8	51

#	Article	IF	Citations
37	Biomedical applications of hybrid polymer composite materials. , 2017, , 343-408.		10
38	Synthesis and characterization of biodegradable pHEMA-starch composites for immobilization of L-asparaginase. Polymer Bulletin, 2016, 73, 1891-1907.	1.7	29
39	Design of starch functionalized biodegradable P(MAA-co-MMA) as carrier matrix for l -asparaginase immobilization. Carbohydrate Polymers, 2016, 153, 559-572.	5.1	40
40	Synthesis and characterization of <scp>PMMA</scp> composites activated with starch for immobilization of <scp>L</scp>â€asparaginase. Journal of Applied Polymer Science, 2016, 133, .	1.3	31