

Ahmet Erdem

List of Publications by Citations

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Version: 2024-04-20

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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.

15
papers

226
citations

8
h-index

15
g-index

15
ext. papers

324
ext. citations

5.3
avg, IF

3.73
L-index

#	Paper	IF	Citations
15	Synergistic removal of Cu(II) and nitrazine yellow dye using an eco-friendly chitosan-montmorillonite hydrogel: Optimization by response surface methodology. <i>Journal of Applied Polymer Science</i> , 2016 , 133,	2.9	45
14	3D Bioprinting of Oxygenated Cell-Laden Gelatin Methacryloyl Constructs. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901794	10.1	41
13	Advances in Controlled Oxygen Generating Biomaterials for Tissue Engineering and Regenerative Therapy. <i>Biomacromolecules</i> , 2020 , 21, 56-72	6.9	31
12	A design optimization study on synthesized nanocrystalline cellulose, evaluation and surface modification as a potential biomaterial for prospective biomedical applications. <i>International Journal of Biological Macromolecules</i> , 2018 , 114, 536-546	7.9	25
11	Fabrication and characterization of novel macroporous Jeffamine/diamino hexane cryogels for enhanced Cu(II) metal uptake: Optimization, isotherms, kinetics and thermodynamic studies. <i>Chemical Engineering Research and Design</i> , 2017 , 117, 122-138	5.5	18
10	Novel macroporous cryogels with enhanced adsorption capability for the removal of Cu(II) ions from aqueous phase: Modelling, kinetics and recovery studies. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 1269-1280	6.8	15
9	Advances in biomedical applications of self-healing hydrogels. <i>Materials Chemistry Frontiers</i> , 2021 , 5, 4368-4400	7.8	15
8	Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications. <i>RSC Advances</i> , 2016 , 6, 111872-111881	3.7	14
7	Safety Considerations in 3D Bioprinting Using Mesenchymal Stromal Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020 , 8, 924	5.8	7
6	Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels. <i>Polymer Bulletin</i> , 2017 , 74, 873-893	2.4	6
5	Functionalized Hybrid Coatings on ABS Surfaces by PLD and Dip Coatings. <i>Journal of Inorganic and Organometallic Polymers and Materials</i> , 2016 , 26, 895-906	3.2	4
4	Synthesis and characterization of polypropylene glycol-based novel organogels as effective materials for the recovery of organic solvents. <i>Journal of Applied Polymer Science</i> , 2021 , 138, 49997	2.9	3
3	Preparation and characterization of rapid temperature responsive cationic comb-type grafted POE-POP based hydrogel as prospective excellent actuators/sensors. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2020 , 607, 125523	5.1	2
2	Preparation of hydrophobic macroinimer-based novel hybrid sorbents for efficient removal of organic liquids from wastewater. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 22064-22076	5.1	0
1	Methods for fabricating oxygen releasing biomaterials. <i>Journal of Drug Targeting</i> , 2021 , 1-12	5.4	0