

Ahmet Erdem

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

430
citations

932766

10
h-index

996533

15
g-index

15
all docs

15
docs citations

15
times ranked

597
citing authors

#	ARTICLE	IF	CITATIONS
1	3D Bioprinting of Oxygenated Cellâ€Laden Gelatin Methacryloyl Constructs. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901794.	3.9	80
2	Advances in Controlled Oxygen Generating Biomaterials for Tissue Engineering and Regenerative Therapy. <i>Biomacromolecules</i> , 2020, 21, 56-72.	2.6	76
3	Synergistic removal of Cu(II) and nitrazine yellow dye using an ecoâ€friendly chitosanâ€montmorillonite hydrogel: Optimization by response surface methodology. <i>Journal of Applied Polymer Science</i> , 2016, 133, .	1.3	63
4	Advances in biomedical applications of self-healing hydrogels. <i>Materials Chemistry Frontiers</i> , 2021, 5, 4368-4400.	3.2	51
5	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.	3.6	36
6	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.	2.7	26
7	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.	3.3	24
8	Safety Considerations in 3D Bioprinting Using Mesenchymal Stromal Cells. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 924.	2.0	18
9	Methods for fabricating oxygen releasing biomaterials. <i>Journal of Drug Targeting</i> , 2022, 30, 188-199.	2.1	16
10	Fabrication and characterization of soft macroporous Jeffamine cryogels as potential materials for tissue applications. <i>RSC Advances</i> , 2016, 6, 111872-111881.	1.7	15
11	Synthesis, characterization and swelling investigations of novel polyetheramine-based hydrogels. <i>Polymer Bulletin</i> , 2017, 74, 873-893.	1.7	10
12	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.	1.9	5
13	Synthesis and characterization of polypropylene glycolâ€based novel organogels as effective materials for the recovery of organic solvents. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49997.	1.3	4
14	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.	2.3	3
15	Preparation of hydrophobic macroinimerâ€based novel hybrid sorbents for efficient removal of organic liquids from wastewater. <i>Environmental Science and Pollution Research</i> , 2021, 28, 22064-22076.	2.7	3