

Alireza Shaabani

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

879
citations

566801

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940134

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17
docs citations

17
times ranked

905
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel sucrose derivative as a thermally stable inhibitor for mild steel corrosion in 15% HCl medium: An experimental and computational study. <i>Chemical Engineering Journal</i> , 2022, 446, 136938.	6.6	66
2	Exploration of Sunflower Oil As a Renewable Biomass Source to Develop Scalable and Highly Effective Corrosion Inhibitors in a 15% HCl Medium at High Temperatures. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 3119-3138.	4.0	46
3	Biofabrication of chitosan/chitosan nanoparticles/polycaprolactone transparent membrane for corneal endothelial tissue engineering. <i>Scientific Reports</i> , 2021, 11, 7060.	1.6	37
4	Self-healable conductive polyurethane with the body temperature-responsive shape memory for bone tissue engineering. <i>Chemical Engineering Journal</i> , 2021, 411, 128449.	6.6	50
5	Synthesis of shape memory electroconductive polyurethane with self-healing capability as an intelligent biomedical scaffold for bone tissue engineering. <i>Polymer</i> , 2021, 223, 123694.	1.8	19
6	Preparation of chitosan biguanidine/PANI-containing self-healing semi-conductive waterborne scaffolds for bone tissue engineering. <i>Carbohydrate Polymers</i> , 2021, 264, 118045.	5.1	31
7	Bioactive chitosan biguanidine-based injectable hydrogels as a novel BMP-2 and VEGF carrier for osteogenesis of dental pulp stem cells. <i>Carbohydrate Polymers</i> , 2021, 273, 118589.	5.1	47
8	Preparation of novel chitosan derivative nanofibers for prevention of breast cancer recurrence. <i>European Polymer Journal</i> , 2020, 123, 109421.	2.6	30
9	Electrospun triazole-based chitosan nanofibers as a novel scaffolds for bone tissue repair and regeneration. <i>Carbohydrate Polymers</i> , 2020, 230, 115707.	5.1	68
10	A theoretical and experimental study of castor oil-based inhibitor for corrosion inhibition of mild steel in acidic medium at elevated temperatures. <i>Corrosion Science</i> , 2020, 175, 108871.	3.0	161
11	Sulfonated chitosan as green and high cloud point kinetic methane hydrate and corrosion inhibitor: Experimental and theoretical studies. <i>Carbohydrate Polymers</i> , 2020, 236, 116035.	5.1	56
12	Inhibition Performance of Chitosan-graft-Polyacrylamide as an Environmentally Friendly and High-Cloud-Point Inhibitor of Nucleation and Growth of Methane Hydrate. <i>Crystal Growth and Design</i> , 2020, 20, 1771-1778.	1.4	24
13	A Non-Enzymatic Biosensor Based on Pd Decorated Reduced Graphene Oxide Poly (2-anilinoethanol) Nanocomposite and Its Application for the Determination of Dopamine. <i>Journal of the Electrochemical Society</i> , 2018, 165, B150-B159.	1.3	15
14	Novel biocompatible zinc-curcumin loaded coaxial nanofibers for bone tissue engineering application. <i>Polymer</i> , 2018, 142, 244-255.	1.8	64
15	Synthesis, Characterization and Electrospinning of Novel Chitosan Derivative for Tissue Engineering Applications. , 2018, , .		0
16	Biocompatible electrospinning chitosan nanofibers: A novel delivery system with superior local cancer therapy. <i>Carbohydrate Polymers</i> , 2017, 159, 1-10.	5.1	109
17	Electrospun biocompatible core/shell polymer-free core structure nanofibers with superior antimicrobial potency against multi drug resistance organisms. <i>Polymer</i> , 2016, 101, 151-157.	1.8	56