

Amir Seyfoori

List of Publications by Year in descending order

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28
papers

788
citations

567281

15
h-index

642732

23
g-index

28
all docs

28
docs citations

28
times ranked

1321
citing authors

#	ARTICLE	IF	CITATIONS
1	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41.		230
2	Stimuli-Responsive Hydrogels for Local Post-Surgical Drug Delivery. Gels, 2020, 6, 14.	4.5	54
3	Self-filling microwell arrays (SFMA) for tumor spheroid formation. Lab on A Chip, 2018, 18, 3516-3528.	6.0	48
4	In vitro models and systems for evaluating the dynamics of drug delivery to the healthy and diseased brain. Journal of Controlled Release, 2018, 273, 108-130.	9.9	43
5	Ultrasonic-assisted synthesis and in vitro biological assessments of a novel herceptin-stabilized graphene using three dimensional cell spheroid. Ultrasonics Sonochemistry, 2019, 58, 104615.	8.2	41
6	Multifunctional magnetic ZnFe ₂ O ₄ -hydroxyapatite nanocomposite particles for local anti-cancer drug delivery and bacterial infection inhibition: An in vitro study. Journal of the Taiwan Institute of Chemical Engineers, 2019, 96, 503-508.	5.3	41
7	pH-responsive carbon nanotube-based hybrid nanogels as the smart anticancer drug carrier. Artificial Cells, Nanomedicine and Biotechnology, 2019, 47, 1437-1443.	2.8	36
8	Investigating Programmed Cell Death and Tumor Invasion in a Three-Dimensional (3D) Microfluidic Model of Glioblastoma. International Journal of Molecular Sciences, 2020, 21, 3162.	4.1	34
9	Controllable size and form of droplets in microfluidic-assisted devices: Effects of channel geometry and fluid velocity on droplet size. Materials Science and Engineering C, 2020, 109, 110606.	7.3	32
10	Multifunctional gelatin-tricalcium phosphate porous nanocomposite scaffolds for tissue engineering and local drug delivery: In vitro and in vivo studies. Journal of the Taiwan Institute of Chemical Engineers, 2019, 101, 214-220.	5.3	31
11	A pH-sensitive nanocarrier based on BSA-stabilized graphene-chitosan nanocomposite for sustained and prolonged release of anticancer agents. Scientific Reports, 2021, 11, 17404.	3.3	28
12	Multifunctional Hybrid Magnetic Microgel Synthesis for Immune-Based Isolation and Post-Isolation Culture of Tumor Cells. ACS Applied Materials & Interfaces, 2019, 11, 24945-24958.	8.0	22
13	Local delivery of chemotherapeutic agent in tissue engineering based on gelatin/graphene hydrogel. Journal of Materials Research and Technology, 2021, 12, 412-422.	5.8	22
14	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). International Journal of Molecular Sciences, 2021, 22, 6937.	4.1	20
15	Label free phosphate functionalized semiconducting polymer dots for detection of iron(III) and cytochrome c with application to apoptosis imaging. Biosensors and Bioelectronics, 2019, 141, 111337.	10.1	19
16	In-vitro tumor microenvironment models containing physical and biological barriers for modelling multidrug resistance mechanisms and multidrug delivery strategies. Journal of Controlled Release, 2021, 334, 164-177.	9.9	19
17	Multifunctional Thermoresponsive Microcarriers for High-throughput Cell Culture and Enzyme-Free Cell Harvesting. Small, 2021, 17, e2103192.	10.0	15
18	The role of biomaterials and three dimensional (3D) in vitro tissue models in fighting against COVID-19. Biomaterials Science, 2021, 9, 1217-1226.	5.4	14

#	ARTICLE	IF	CITATIONS
19	Combustion and Coprecipitation Synthesis of Coâ€Zn Ferrite Nanoparticles: Comparison of Structure and Magnetic Properties. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 1112-1118.	2.1	9
20	Mechanical alloying of CuFe-alumina nanocomposite: study of microstructure, corrosion, and wear properties. <i>Science and Engineering of Composite Materials</i> , 2018, 25, 1085-1094.	1.4	8
21	Effects of formaldehyde solution and nanoparticles on mechanical properties and biodegradation of gelatin/nano Î²-TCP scaffolds. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 653-664.	2.4	7
22	Efficient targeted cancer cell detection, isolation and enumeration using immuno-nano/hybrid magnetic microgels. <i>Biomaterials Science</i> , 2019, 7, 3359-3372.	5.4	6
23	Calcium phosphate-based nanocomposite carriers for local antibiotic delivery against an osteomyelitis agent. <i>Advances in Applied Ceramics</i> , 2017, 116, 316-324.	1.1	4
24	Bioengineered tissue models for the development of dynamic immuno-associated tumor models and high-throughput immunotherapy cytotoxicity assays. <i>Drug Discovery Today</i> , 2021, 26, 455-473.	6.4	2
25	In Vitro Brain Organoids and Computational Models to Study Cell Death in Brain Diseases. <i>Methods in Molecular Biology</i> , 2022, , 281-296.	0.9	2
26	Role of apoptosis, autophagy, and the unfolded protein response in glioblastoma chemoresistance. , 2021, , 201-242.		1
27	In vitro disease and organ model. , 2020, , 629-668.		0
28	Multifunctional Thermoresponsive Microcarriers for Highâ€Throughput Cell Culture and Enzymeâ€Free Cell Harvesting (<i>Small</i> 44/2021). <i>Small</i> , 2021, 17, 2170232.	10.0	0