

# Amir Seyfoori

## List of Publications by Year in descending order

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Version: 2024-02-01

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	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
2	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
3	Role of apoptosis, autophagy, and the unfolded protein response in glioblastoma chemoresistance. , 2021, , 201-242.		1
4	The role of biomaterials and three dimensional (3D) in vitro tissue models in fighting against COVID-19. <i>Biomaterials Science</i> , 2021, 9, 1217-1226.	5.4	14
5	Local delivery of chemotherapeutic agent in tissue engineering based on gelatin/graphene hydrogel. <i>Journal of Materials Research and Technology</i> , 2021, 12, 412-422.	5.8	22
6	In-vitro tumor microenvironment models containing physical and biological barriers for modelling multidrug resistance mechanisms and multidrug delivery strategies. <i>Journal of Controlled Release</i> , 2021, 334, 164-177.	9.9	19
7	Emerging Advances of Nanotechnology in Drug and Vaccine Delivery against Viral Associated Respiratory Infectious Diseases (VARID). <i>International Journal of Molecular Sciences</i> , 2021, 22, 6937.	4.1	20
8	A pH-sensitive nanocarrier based on BSA-stabilized graphene-chitosan nanocomposite for sustained and prolonged release of anticancer agents. <i>Scientific Reports</i> , 2021, 11, 17404.	3.3	28
9	Multifunctional Thermoresponsive Microcarriers for High-Throughput Cell Culture and Enzyme-Free Cell Harvesting. <i>Small</i> , 2021, 17, e2103192.	10.0	15
10	Multifunctional Thermoresponsive Microcarriers for High-Throughput Cell Culture and Enzyme-Free Cell Harvesting ( <i>Small</i> 44/2021). <i>Small</i> , 2021, 17, 2170232.	10.0	0
11	Controllable size and form of droplets in microfluidic-assisted devices: Effects of channel geometry and fluid velocity on droplet size. <i>Materials Science and Engineering C</i> , 2020, 109, 110606.	7.3	32
12	Investigating Programmed Cell Death and Tumor Invasion in a Three-Dimensional (3D) Microfluidic Model of Glioblastoma. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3162.	4.1	34
13	Stimuli-Responsive Hydrogels for Local Post-Surgical Drug Delivery. <i>Gels</i> , 2020, 6, 14.	4.5	54
14	In vitro disease and organ model. , 2020, , 629-668.		0
15	Multifunctional Hybrid Magnetic Microgel Synthesis for Immune-Based Isolation and Post-Isolation Culture of Tumor Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 24945-24958.	8.0	22
16	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
17	Ultrasonic-assisted synthesis and in vitro biological assessments of a novel herceptin-stabilized graphene using three dimensional cell spheroid. <i>Ultrasonics Sonochemistry</i> , 2019, 58, 104615.	8.2	41
18	Multifunctional gelatin-tricalcium phosphate porous nanocomposite scaffolds for tissue engineering and local drug delivery: In vitro and in vivo studies. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 101, 214-220.	5.3	31

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19	Label free phosphate functionalized semiconducting polymer dots for detection of iron(III) and cytochrome c with application to apoptosis imaging. <i>Biosensors and Bioelectronics</i> , 2019, 141, 111337.	10.1	19
20	pH-responsive carbon nanotube-based hybrid nanogels as the smart anticancer drug carrier. <i>Artificial Cells, Nanomedicine and Biotechnology</i> , 2019, 47, 1437-1443.	2.8	36
21	Multifunctional magnetic ZnFe <sub>2</sub> O <sub>4</sub> -hydroxyapatite nanocomposite particles for local anti-cancer drug delivery and bacterial infection inhibition: An in vitro study. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2019, 96, 503-508.	5.3	41
22	In vitro models and systems for evaluating the dynamics of drug delivery to the healthy and diseased brain. <i>Journal of Controlled Release</i> , 2018, 273, 108-130.	9.9	43
23	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
24	Glioblastoma and chemoresistance to alkylating agents: Involvement of apoptosis, autophagy, and unfolded protein response. , 2018, 184, 13-41.		230
25	Self-filling microwell arrays (SFMA) for tumor spheroid formation. <i>Lab on A Chip</i> , 2018, 18, 3516-3528.	6.0	48
26	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
27	Combustion and Coprecipitation Synthesis of Co <sup>2+</sup> Zn Ferrite Nanoparticles: Comparison of Structure and Magnetic Properties. <i>International Journal of Applied Ceramic Technology</i> , 2016, 13, 1112-1118.	2.1	9
28	Effects of formaldehyde solution and nanoparticles on mechanical properties and biodegradation of gelatin/nano $\beta$ -TCP scaffolds. <i>Iranian Polymer Journal (English Edition)</i> , 2013, 22, 653-664.	2.4	7