

# Iman K Yazdi

## List of Publications by Year in descending order

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43  
papers

3,025  
citations

304368

22  
h-index

264894

42  
g-index

47  
all docs

47  
docs citations

47  
times ranked

5304  
citing authors

#	ARTICLE	IF	CITATIONS
1	Addition of platelet-rich plasma supports immune modulation and improved mechanical integrity in Alloderm mesh for ventral hernia repair in a rat model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 3-13.	1.3	9
2	Platelet-rich plasma enhances mechanical strength of strattice in rat model of ventral hernia repair. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 634-647.	1.3	7
3	Customizable Composite Fibers for Engineering Skeletal Muscle Models. <i>ACS Biomaterials Science and Engineering</i> , 2020, 6, 1112-1123.	2.6	29
4	Biomimetic cellular vectors for enhancing drug delivery to the lungs. <i>Scientific Reports</i> , 2020, 10, 172.	1.6	16
5	Endosomal Escape of Polymer-Coated Silica Nanoparticles in Endothelial Cells. <i>Small</i> , 2020, 16, e1907693.	5.2	12
6	Biocompatible PLGA-Mesoporous Silicon Microspheres for the Controlled Release of BMP-2 for Bone Augmentation. <i>Pharmaceutics</i> , 2020, 12, 118.	2.0	18
7	Perforated and Endothelialized Elastomeric Tubes for Vascular Modeling. <i>Advanced Materials Technologies</i> , 2019, 4, 1800741.	3.0	3
8	Mechanical and Biochemical Stimulation of 3D Multilayered Scaffolds for Tendon Tissue Engineering. <i>ACS Biomaterials Science and Engineering</i> , 2019, 5, 2953-2964.	2.6	66
9	Cardiac Fibrotic Remodeling on a Chip with Dynamic Mechanical Stimulation. <i>Advanced Healthcare Materials</i> , 2019, 8, e1801146.	3.9	54
10	Patient-Specific Bioinks for 3D Bioprinting of Tissue Engineering Scaffolds. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701347.	3.9	115
11	Cell-laden composite suture threads for repairing damaged tendons. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2018, 12, 1039-1048.	1.3	25
12	Smart Bandage for Monitoring and Treatment of Chronic Wounds. <i>Small</i> , 2018, 14, e1703509.	5.2	257
13	Smart Bandages: Smart Bandage for Monitoring and Treatment of Chronic Wounds ( <i>Small</i> 33/2018). <i>Small</i> , 2018, 14, 1870150.	5.2	4
14	Localized inhibition of P2X7R at the spinal cord injury site improves neurogenic bladder dysfunction by decreasing urothelial P2X3R expression in rats. <i>Life Sciences</i> , 2017, 171, 60-67.	2.0	22
15	Engineered 3D Cardiac Fibrotic Tissue to Study Fibrotic Remodeling. <i>Advanced Healthcare Materials</i> , 2017, 6, 1601434.	3.9	85
16	Tissue Engineering: Engineered 3D Cardiac Fibrotic Tissue to Study Fibrotic Remodeling (Adv.) <i>Tissue Engineering</i> , 2017, 21, 1010-1020.	3.9	10
17	Proteomic-based biomarker discovery for development of next generation diagnostics. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 475-491.	1.7	20
18	The design and fabrication of a three-dimensional bioengineered open ventricle. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2017, 105, 2206-2217.	1.6	13

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19	Ghee Butter as a Therapeutic Delivery System. <i>Journal of Nanoscience and Nanotechnology</i> , 2017, 17, 977-982.	0.9	11
20	Biomimetic proteolipid vesicles for targeting inflamed tissues. <i>Nature Materials</i> , 2016, 15, 1037-1046.	13.3	327
21	Cell-microenvironment interactions and architectures in microvascular systems. <i>Biotechnology Advances</i> , 2016, 34, 1113-1130.	6.0	49
22	Biomimetic carriers mimicking leukocyte plasma membrane to increase tumor vasculature permeability. <i>Scientific Reports</i> , 2016, 6, 34422.	1.6	92
23	Antibody-mediated inhibition of Nogo-A signaling promotes neurite growth in PC-12 cells. <i>Journal of Tissue Engineering</i> , 2016, 7, 204173141662976.	2.3	4
24	Optimizing cell seeding and retention in a three-dimensional bioengineered cardiac ventricle: The two-stage cellularization model. <i>Biotechnology and Bioengineering</i> , 2016, 113, 2275-2285.	1.7	18
25	A New Class of Phantom Materials for Poroelastography Imaging Techniques. <i>Ultrasound in Medicine and Biology</i> , 2016, 42, 1230-1238.	0.7	9
26	Cell source determines the immunological impact of biomimetic nanoparticles. <i>Biomaterials</i> , 2016, 82, 168-177.	5.7	50
27	One-pot synthesis of pH-responsive hybrid nanogel particles for the intracellular delivery of small interfering RNA. <i>Biomaterials</i> , 2016, 87, 57-68.	5.7	67
28	Case Study: Application of LeukoLike Technology to Camouflage Nanoparticles from the Immune Recognition. <i>Frontiers in Nanobiomedical Research</i> , 2016, , 43-68.	0.1	0
29	A low-cost flexible pH sensor array for wound assessment. <i>Sensors and Actuators B: Chemical</i> , 2016, 229, 609-617.	4.0	138
30	PLGA-Mesoporous Silicon Microspheres for the <i>in Vivo</i> Controlled Temporospatial Delivery of Proteins. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 16364-16373.	4.0	46
31	Infusion of iodine-based contrast agents into poly(p-dioxanone) as a radiopaque resorbable IVC filter. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 124.	1.7	18
32	Physicochemical properties affect the synthesis, controlled delivery, degradation and pharmacokinetics of inorganic nanoporous materials. <i>Nanomedicine</i> , 2015, 10, 3057-3075.	1.7	24
33	Potential Avoidance of Adverse Analgesic Effects Using a Biologically "Smart" Hydrogel Capable of Controlled Bupivacaine Release. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 3724-3732.	1.6	22
34	Multiscale Patterning of a Biomimetic Scaffold Integrated with Composite Microspheres. <i>Small</i> , 2014, 10, 3943-3953.	5.2	41
35	Bromelain Surface Modification Increases the Diffusion of Silica Nanoparticles in the Tumor Extracellular Matrix. <i>ACS Nano</i> , 2014, 8, 9874-9883.	7.3	152
36	Cefazolin-loaded mesoporous silicon microparticles show sustained bactericidal effect against <i>Staphylococcus aureus</i> . <i>Journal of Tissue Engineering</i> , 2014, 5, 204173141453657.	2.3	22

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37	Synthetic nanoparticles functionalized with biomimetic leukocyte membranes possess cell-like functions. <i>Nature Nanotechnology</i> , 2013, 8, 61-68.	15.6	925
38	A nanostructured lidocaine delivery system decreases postsurgical pain in Lewis rats. <i>Journal of the American College of Surgeons</i> , 2013, 217, S139-S140.	0.2	0
39	Silicon Micro- and Nanofabrication for Medicine. <i>Advanced Healthcare Materials</i> , 2013, 2, 632-666.	3.9	67
40	Short and Long Term, In Vitro and In Vivo Correlations of Cellular and Tissue Responses to Mesoporous Silicon Nanovectors. <i>Small</i> , 2013, 9, 1722-1733.	5.2	43
41	Mesoporous Silicon: Short and Long Term, In Vitro and In Vivo Correlations of Cellular and Tissue Responses to Mesoporous Silicon Nanovectors ( <i>Small</i> 9-10/2013). <i>Small</i> , 2013, 9, 1721-1721.	5.2	0
42	Adult and umbilical cord blood-derived platelet-rich plasma for mesenchymal stem cell proliferation, chemotaxis, and cryo-preservation. <i>Biomaterials</i> , 2012, 33, 5308-5316.	5.7	128
43	A multifunctional nanostructured platform for localized sustained release of analgesics and antibiotics. <i>European Journal of Pain Supplements</i> , 2011, 5, 423-432.	0.0	10