

# Vahid Hosseini

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

28

papers

922

citations

12

h-index

30

g-index

31

ext. papers

1,086

ext. citations

6.9

avg, IF

3.86

L-index

#	Paper	IF	Citations
28	Engineered contractile skeletal muscle tissue on a microgrooved methacrylated gelatin substrate. <i>Tissue Engineering - Part A</i> , <b>2012</b> , 18, 2453-65	3.9	169
27	Skeletal muscle tissue engineering: methods to form skeletal myotubes and their applications. <i>Tissue Engineering - Part B: Reviews</i> , <b>2014</b> , 20, 403-36	7.9	164
26	Gelatin methacrylate as a promising hydrogel for 3D microscale organization and proliferation of dielectrophoretically patterned cells. <i>Lab on A Chip</i> , <b>2012</b> , 12, 2959-69	7.2	135
25	Interdigitated array of Pt electrodes for electrical stimulation and engineering of aligned muscle tissue. <i>Lab on A Chip</i> , <b>2012</b> , 12, 3491-503	7.2	89
24	Three-dimensional co-culture of C2C12/PC12 cells improves skeletal muscle tissue formation and function. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , <b>2017</b> , 11, 582-595	4.4	55
23	Electrical stimulation as a biomimicry tool for regulating muscle cell behavior. <i>Organogenesis</i> , <b>2013</b> , 9, 87-92	1.7	53
22	Micro and nanoscale technologies in oral drug delivery. <i>Advanced Drug Delivery Reviews</i> , <b>2020</b> , 157, 37-62	28.5	45
21	Fiber-assisted molding (FAM) of surfaces with tunable curvature to guide cell alignment and complex tissue architecture. <i>Small</i> , <b>2014</b> , 10, 4851-7	11	35
20	Localized detection of ions and biomolecules with a force-controlled scanning nanopore microscope. <i>Nature Nanotechnology</i> , <b>2019</b> , 14, 791-798	28.7	31
19	Hybrid Randomly Electrospun Poly(lactic-co-glycolic acid):Poly(ethylene oxide) (PLGA:PEO) Fibrous Scaffolds Enhancing Myoblast Differentiation and Alignment. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2016</b> , 8, 31574-31586	9.5	29
18	How type 1 fimbriae help Escherichia coli to evade extracellular antibiotics. <i>Scientific Reports</i> , <b>2016</b> , 6, 18109	4.9	26
17	Comparison of silver nylon wound dressing and silver sulfadiazine in partial burn wound therapy. <i>International Wound Journal</i> , <b>2013</b> , 10, 573-8	2.6	24
16	A Simple Modification Method to Obtain Anisotropic and Porous 3D Microfibrillar Scaffolds for Surgical and Biomedical Applications. <i>Small</i> , <b>2018</b> , 14, 1702650	11	11
15	A Pulsatile Flow System to Engineer Aneurysm and Atherosclerosis Mimetic Extracellular Matrix. <i>Advanced Science</i> , <b>2020</b> , 7, 2000173	13.6	10
14	Calcium Phosphate Nanoparticles Cytocompatibility Versus Cytotoxicity: A Serendipitous Paradox. <i>Current Pharmaceutical Design</i> , <b>2017</b> , 23, 2930-2951	3.3	7
13	Stretchable Silver Nanowire Microelectrodes for Combined Mechanical and Electrical Stimulation of Cells. <i>Advanced Healthcare Materials</i> , <b>2016</b> , 5, 2045-54	10.1	7
12	Preclinical Development of F-OF-NB1 for Imaging GluN2B-Containing -Methyl-d-Aspartate Receptors and Its Utility as a Biomarker for Amyotrophic Lateral Sclerosis. <i>Journal of Nuclear Medicine</i> , <b>2021</b> , 62, 259-265	8.9	7

11	Healthy and diseased models of vascular systems. <i>Lab on A Chip</i> , <b>2021</b> , 21, 641-659	7.2	5
10	SARS-CoV-2 Virulence: Interplay of Floating Virus-Laden Particles, Climate, and Humans. <i>Advanced Biology</i> , <b>2020</b> , 4, e2000105	3.5	5
9	Radiolabeled nanoceria probes may reduce oxidative damages and risk of cancer: a hypothesis for radioisotope-based imaging procedures. <i>Medical Hypotheses</i> , <b>2013</b> , 81, 1164-8	3.8	4
8	Preparation and in-vitro Antibacterial Evaluation of Electroless Silver Coated Polymers. <i>Iranian Journal of Pharmaceutical Research</i> , <b>2010</b> , 9, 259-64	1.1	4
7	Human induced pluripotent stem cell-derived vessels as dynamic atherosclerosis model on a chip		2
6	Graphene Quantum Dots for Fluorescent Labeling of Gelatin-Based Shear-Thinning Hydrogels. <i>Advanced NanoBiomed Research</i> , <b>2021</b> , 1, 2000113	0	2
5	Smartwatch Application Algorithm to Prevent Sudden Death and Brain Damage in Hypoglycemic Coma. <i>Journal of Diabetes Science and Technology</i> , <b>2016</b> , 10, 802-3	4.1	1
4	Engineering solutions for biological studies of flow-exposed endothelial cells on orbital shakers.. <i>PLoS ONE</i> , <b>2022</b> , 17, e0262044	3.7	0
3	3D magnetically controlled spatiotemporal probing and actuation of collagen networks from a single cell perspective. <i>Lab on A Chip</i> , <b>2021</b> , 21, 3850-3862	7.2	0
2	Graphene Quantum Dots for Fluorescent Labeling of Gelatin-Based Shear-Thinning Hydrogels. <i>Advanced NanoBiomed Research</i> , <b>2021</b> , 1, 2170073	0	
1	Photoclinic. Follicular lymphoma of the small intestine. <i>Archives of Iranian Medicine</i> , <b>2007</b> , 10, 269, 272-32.4		