

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.

18 papers	358 citations	8 h-index	18 g-index
21 ext. papers	511 ext. citations	7.7 avg, IF	3.29 L-index

#	Paper	IF	Citations
18	Stem cells: their source, potency and use in regenerative therapies with focus on adipose-derived stem cells - a review. <i>Biotechnology Advances</i> , 2018 , 36, 1111-1126	17.8	164
17	Innovative surface modification of Ti-6Al-4V alloy with a positive effect on osteoblast proliferation and fatigue performance. <i>Materials Science and Engineering C</i> , 2014 , 39, 371-9	8.3	39
16	Characterization of electric discharge machining, subsequent etching and shot-peening as a surface treatment for orthopedic implants. <i>Applied Surface Science</i> , 2013 , 281, 73-78	6.7	27
15	Application of whey protein isolate in bone regeneration: Effects on growth and osteogenic differentiation of bone-forming cells. <i>Journal of Dairy Science</i> , 2018 , 101, 28-36	4	25
14	The Influence of Negative Pressure and of the Harvesting Site on the Characteristics of Human Adipose Tissue-Derived Stromal Cells from Lipoaspirates. <i>Stem Cells International</i> , 2020 , 2020, 1016231	5	15
13	Low-thrombogenic fibrin-heparin coating promotes in vitro endothelialization. <i>Journal of Biomedical Materials Research - Part A</i> , 2017 , 105, 2995-3005	5.4	15
12	The Role of Vascular Smooth Muscle Cells in the Physiology and Pathophysiology of Blood Vessels 2018 ,		15
11	The gene expression of human endothelial cells is modulated by subendothelial extracellular matrix proteins: short-term response to laminar shear stress. <i>Tissue Engineering - Part A</i> , 2014 , 20, 2253-24	3.9	9
10	Poly(ethylene oxide) brushes prepared by the grafting to method as a platform for the assessment of cell receptor-ligand binding. <i>European Polymer Journal</i> , 2014 , 58, 11-22	5.2	8
9	Biological Evaluation of Polydimethylsiloxane Modified by Calcium Phosphate Nanoparticles for Potential Application in Spine Surgery. <i>Science of Advanced Materials</i> , 2013 , 5, 484-493	2.3	8
8	Nano-in-Micro Dual Delivery Platform for Chronic Wound Healing Applications. <i>Micromachines</i> , 2020 , 11,	3.3	7
7	Enhanced Mitogenic Activity of Recombinant Human Vascular Endothelial Growth Factor VEGF121 Expressed in E. coli Origami B (DE3) with Molecular Chaperones. <i>PLoS ONE</i> , 2016 , 11, e0163697	3.7	6
6	Biomaterial-based immunoengineering to fight COVID-19 and infectious diseases. <i>Matter</i> , 2021 , 4, 1528-1554	15.4	6
5	Immunomodulatory Microneedle Patch for Periodontal Tissue Regeneration.. <i>Matter</i> , 2022 , 5, 666-682	12.7	4
4	Communicating macropores in PHEMA-based hydrogels for cell seeding: Probabilistic open pore simulation and direct micro-CT proof. <i>Materials and Design</i> , 2021 , 198, 109312	8.1	4
3	Engineered Delivery of Dental Stem Cell-Derived Extracellular Vesicles for Periodontal Tissue Regeneration.. <i>Advanced Healthcare Materials</i> , 2022 , e2102593	10.1	3
2	Vascular Smooth Muscle Cells (VSMCs) in Blood Vessel Tissue Engineering: The Use of Differentiated Cells or Stem Cells as VSMC Precursors 2018 ,		2

1	Immunoengineering strategies to enhance vascularization and tissue regeneration.. <i>Advanced Drug Delivery Reviews</i> , 2022 , 184, 114233	18,5	1
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