

# Jana Zarubova

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7012077/publications.pdf>

Version: 2024-02-01

19  
papers

697  
citations

840776

11  
h-index

940533

16  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1005  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	11.7	343
2	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, 371-379.	7.3	49
3	Immunomodulatory microneedle patch for periodontal tissue regeneration. <i>Matter</i> , 2022, 5, 666-682.	10.0	49
4	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.	3.4	40
5	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.	6.1	36
6	The Role of Vascular Smooth Muscle Cells in the Physiology and Pathophysiology of Blood Vessels. , O, , .		28
7	Biomaterial-based immunoengineering to fight COVID-19 and infectious diseases. <i>Matter</i> , 2021, 4, 1528-1554.	10.0	21
8	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, 1-13.	2.5	20
9	Low-thrombogenic fibrin–heparin coating promotes <i>in vitro</i> endothelialization. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2995-3005.	4.0	19
10	Immunoengineering strategies to enhance vascularization and tissue regeneration. <i>Advanced Drug Delivery Reviews</i> , 2022, 184, 114233.	13.7	18
11	Engineered Delivery of Dental Stem Cell-Derived Extracellular Vesicles for Periodontal Tissue Regeneration. <i>Advanced Healthcare Materials</i> , 2022, 11, e2102593.	7.6	15
12	Enhanced Mitogenic Activity of Recombinant Human Vascular Endothelial Growth Factor VEGF121 Expressed in <i>E. coli</i> Origami B (DE3) with Molecular Chaperones. <i>PLoS ONE</i> , 2016, 11, e0163697.	2.5	11
13	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, 2253-2264.	3.1	10
14	Nano-in-Micro Dual Delivery Platform for Chronic Wound Healing Applications. <i>Micromachines</i> , 2020, 11, 158.	2.9	10
15	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.	0.7	9
16	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.	5.4	8
17	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.	7.0	7
18	Vascular Smooth Muscle Cells (VSMCs) in Blood Vessel Tissue Engineering: The Use of Differentiated Cells or Stem Cells as VSMC Precursors. , 2018, , .		4

#	ARTICLE	IF	CITATIONS
19	Automated dynamic bioreactor for 2D endothelial structures. , 2013, , .		0