Jana Stepanovsk

List of Publications by Citations

14 papers	134 citations	5 h-index	11 g-index
15 ext. papers	207 ext. citations	4 avg, IF	2.96 L-index

#	Paper	IF	Citations
14	Applications of Nanocellulose/Nanocarbon Composites: Focus on Biotechnology and Medicine. *Nanomaterials*, **2020**, 10,	5.4	67
13	Treatments for enhancing the biocompatibility of titanium implants. *Biomedical Papers of the Medical Faculty of the University Palacký, Olomouc, Czechoslovakia*, **2020**, 164, 23-33	1.7	16
12	The Role of Vascular Smooth Muscle Cells in the Physiology and Pathophysiology of Blood Vessels **2018**,		15
11	The Effect of Various Surface Treatments of Ti6Al4V on the Growth and Osteogenic Differentiation of Adipose Tissue-Derived Stem Cells. *Coatings*, **2020**, 10, 762	2.9	6
10	Human osteoblast-like SAOS-2 cells on submicron-scale fibers coated with nanocrystalline diamond films. *Materials Science and Engineering C*, **2021**, 121, 111792	8.3	5
9	pH Modification of High-Concentrated Collagen Bioinks as a Factor Affecting Cell Viability, Mechanical Properties, and Printability.. *Gels*, **2021**, 7,	4.2	5
8	Nanofibrous Scaffolds for Skin Tissue Engineering and Wound Healing Based on Synthetic Polymers **2020**,		4
7	Collagen Bioinks for Bioprinting: A Systematic Review of Hydrogel Properties, Bioprinting Parameters, Protocols, and Bioprinted Structure Characteristics. *Biomedicines*, **2021**, 9,	4.8	4
6	Bioreactor Processed Stromal Cell Seeding and Cultivation on Decellularized Pericardium Patches for Cardiovascular Use. *Applied Sciences (Switzerland)*, **2020**, 10, 5473	2.6	3
5	Accelerated in vitro recellularization of decellularized porcine pericardium for cardiovascular grafts. *Biomedical Materials (Bristol)*, **2021**, 16, 025024	3.5	3
4	Vascular Smooth Muscle Cells (VSMCs) in Blood Vessel Tissue Engineering: The Use of Differentiated Cells or Stem Cells as VSMC Precursors **2018**,		2
3	Vascular Remodeling of Clinically Used Patches and Decellularized Pericardial Matrices Recellularized with Autologous or Allogeneic Cells in a Porcine Carotid Artery Model.. *International Journal of Molecular Sciences*, **2022**, 23,	6.3	2
2	Nanocrystalline diamond-based impedance sensors for real-time monitoring of adipose tissue-derived stem cells. *Colloids and Surfaces B: Biointerfaces*, **2019**, 177, 130-136	6	1
1	Real-Time Monitoring of Stem Cells by Diamond-Based Impedance Sensors. *Proceedings (mdpi)*, **2017**, 1, 515	0.3	1