

# Tomasz Kowalczyk

## List of Publications by Citations

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23  
papers

481  
citations

14  
h-index

21  
g-index

25  
ext. papers

529  
ext. citations

3.3  
avg, IF

3.73  
L-index

#	Paper	IF	Citations
23	Electrospinning of bovine serum albumin. Optimization and the use for production of biosensors. <i>Biomacromolecules</i> , <b>2008</b> , 9, 2087-90	6.9	84
22	Synthesis of oligocarbonate diols and their characterization by MALDI-TOF spectrometry. <i>Polymer</i> , <b>2000</b> , 41, 9013-9031	3.9	44
21	Electrospun nanofibrous biodegradable polyester coatings on Bioglass <sup>®</sup> -based glass-ceramics for tissue engineering. <i>Materials Chemistry and Physics</i> , <b>2009</b> , 118, 420-426	4.4	34
20	Is the poly (L- lactide- co- caprolactone) nanofibrous membrane suitable for urinary bladder regeneration?. <i>PLoS ONE</i> , <b>2014</b> , 9, e105295	3.7	32
19	New Amniotic Membrane Based Biocomposite for Future Application in Reconstructive Urology. <i>PLoS ONE</i> , <b>2016</b> , 11, e0146012	3.7	30
18	Tissue engineering of urinary bladder - current state of art and future perspectives. <i>Central European Journal of Urology</i> , <b>2013</b> , 66, 202-6	0.9	29
17	Tissue engineering and ureter regeneration: is it possible?. <i>International Journal of Artificial Organs</i> , <b>2013</b> , 36, 392-405	1.9	27
16	Synthesis of Six-Membered Cyclic Carbonate Monomers by Disproportionation of 1,3-Bis(alkoxycarbonyloxy)propanes and Their Polymerization. <i>Polymer Journal</i> , <b>2000</b> , 32, 381-390	2.7	24
15	Ureter regeneration-the proper scaffold has to be defined. <i>PLoS ONE</i> , <b>2014</b> , 9, e106023	3.7	23
14	Nanofibres from polyaniline/polyhydroxybutyrate blends. <i>Synthetic Metals</i> , <b>2009</b> , 159, 2266-2268	3.6	23
13	Nanofiber nets in prevention of cicatrization in spinal procedures. Experimental study. <i>Folia Neuropathologica</i> , <b>2013</b> , 51, 147-57	2.6	20
12	Experimental and numerical evaluation of drug release from nanofiber mats to brain tissue. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , <b>2015</b> , 103, 282-91	3.5	19
11	Electrospinning of poly(lactic acid)/polyhedral oligomeric silsesquioxane nanocomposites and their potential in chondrogenic tissue regeneration. <i>Journal of Biomaterials Science, Polymer Edition</i> , <b>2014</b> , 25, 802-25	3.5	18
10	Biocompatibility of electrospun human albumin: a pilot study. <i>Biofabrication</i> , <b>2015</b> , 7, 015011	10.5	15
9	Functional Micro- and Nanofibers Obtained by Nonwoven Post-Modification. <i>Polymers</i> , <b>2020</b> , 12,	4.5	14
8	Vascularization Potential of Electrospun Poly(L-Lactide-co-Caprolactone) Scaffold: The Impact for Tissue Engineering. <i>Medical Science Monitor</i> , <b>2017</b> , 23, 1540-1551	3.2	10
7	Modeling Electrospinning of Nanofibers. <i>IUTAM Symposium on Cellular, Molecular and Tissue Mechanics</i> , <b>2009</b> , 279-292	0.3	9

6	Cyclic carbonates used in the synthesis of oligocarbonate diols involving step growth polymerization. <i>Polimery</i> , <b>2001</b> , 46, 483-493	3-4	7
5	Electrospun nanofiber mat as a protector against the consequences of brain injury. <i>Folia Neuropathologica</i> , <b>2014</b> , 52, 56-69	2-6	5
4	Advances in Electrospun Hybrid Nanofibers for Biomedical Applications. <i>Nanomaterials</i> , <b>2022</b> , 12, 1829	5-4	4
3	Non-woven nanofiber mats - a new perspective for experimental studies of the central nervous system?. <i>Folia Neuropathologica</i> , <b>2014</b> , 52, 407-16	2-6	3
2	Cyclic carbonates and spiro-orthocarbonates - Prospective monomers in the chemistry of polymers. <i>Polimery</i> , <b>1998</b> , 43, 407-415	3-4	3
1	Characterization of Biological Properties of Dental Pulp Stem Cells Grown on an Electrospun Poly(l-lactide--caprolactone) Scaffold.. <i>Materials</i> , <b>2022</b> , 15,	3-5	3