Tomasz Kowalczyk

List of Publications by Year in Descending Order

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	Characterization of Biological Properties of Dental Pulp Stem Cells Grown on an Electrospun Poly(l-lactide--caprolactone) Scaffold.. *Materials*, **2022**, 15,	3.5	3
22	Advances in Electrospun Hybrid Nanofibers for Biomedical Applications. *Nanomaterials*, **2022**, 12, 1829	5.4	4
21	Functional Micro- and Nanofibers Obtained by Nonwoven Post-Modification. *Polymers*, **2020**, 12,	4.5	14
20	Vascularization Potential of Electrospun Poly(L-Lactide-co-Caprolactone) Scaffold: The Impact for Tissue Engineering. *Medical Science Monitor*, **2017**, 23, 1540-1551	3.2	10
19	New Amniotic Membrane Based Biocomposite for Future Application in Reconstructive Urology. *PLoS ONE*, **2016**, 11, e0146012	3.7	30
18	Experimental and numerical evaluation of drug release from nanofiber mats to brain tissue. *Journal of Biomedical Materials Research - Part B Applied Biomaterials*, **2015**, 103, 282-91	3.5	19
17	Biocompatibility of electrospun human albumin: a pilot study. *Biofabrication*, **2015**, 7, 015011	10.5	15
16	Electrospun nanofiber mat as a protector against the consequences of brain injury. *Folia Neuropathologica*, **2014**, 52, 56-69	2.6	5
15	Ureter regeneration-the proper scaffold has to be defined. *PLoS ONE*, **2014**, 9, e106023	3.7	23
14	Is the poly (L- lactide- co- caprolactone) nanofibrous membrane suitable for urinary bladder regeneration?. *PLoS ONE*, **2014**, 9, e105295	3.7	32
13	Non-woven nanofiber mats - a new perspective for experimental studies of the central nervous system?. *Folia Neuropathologica*, **2014**, 52, 407-16	2.6	3
12	Electrospinning of poly(lactic acid)/polyhedral oligomeric silsesquioxane nanocomposites and their potential in chondrogenic tissue regeneration. *Journal of Biomaterials Science, Polymer Edition*, **2014**, 25, 802-25	3.5	18
11	Nanofiber nets in prevention of cicatrization in spinal procedures. Experimental study. *Folia Neuropathologica*, **2013**, 51, 147-57	2.6	20
10	Tissue engineering and ureter regeneration: is it possible?. *International Journal of Artificial Organs*, **2013**, 36, 392-405	1.9	27
9	Tissue engineering of urinary bladder - current state of art and future perspectives. *Central European Journal of Urology*, **2013**, 66, 202-6	0.9	29
8	Electrospun nanofibrous biodegradable polyester coatings on Bioglass -based glass-ceramics for tissue engineering. *Materials Chemistry and Physics*, **2009**, 118, 420-426	4.4	34
7	Nanofibres from polyaniline/polyhydroxybutyrate blends. *Synthetic Metals*, **2009**, 159, 2266-2268	3.6	23

6	Modeling Electrospinning of Nanofibers. *IUTAM Symposium on Cellular, Molecular and Tissue Mechanics*, **2009**, 279-292	0.3	9
5	Electrospinning of bovine serum albumin. Optimization and the use for production of biosensors. *Biomacromolecules*, **2008**, 9, 2087-90	6.9	84
4	Cyclic carbonates used in the synthesis of oligocarbonate diols involving step growth polymerization. *Polimery*, **2001**, 46, 483-493	3.4	7
3	Synthesis of Six-Membered Cyclic Carbonate Monomers by Disproportionation of 1,3-Bis(alkoxycarbonyloxy)propanes and Their Polymerization. *Polymer Journal*, **2000**, 32, 381-390	2.7	24
2	Synthesis of oligocarbonate diols and their characterization by MALDI-TOF spectrometry. *Polymer*, **2000**, 41, 9013-9031	3.9	44
1	Cyclic carbonates and spiro-orthocarbonates - Prospective monomers in the chemistry of polymers. *Polimery*, **1998**, 43, 407-415	3.4	3