

# Katarzyna Nawrotek

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/656053/publications.pdf>

Version: 2024-02-01

18  
papers

282  
citations

840776

11  
h-index

888059

17  
g-index

18  
all docs

18  
docs citations

18  
times ranked

481  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chitosan-based hydrogel implants enriched with calcium ions intended for peripheral nervous tissue regeneration. <i>Carbohydrate Polymers</i> , 2016, 136, 764-771.	10.2	62
2	The malleable brain: plasticity of neural circuits and behavior – a review from students to students. <i>Journal of Neurochemistry</i> , 2017, 142, 790-811.	3.9	34
3	Tubular electrodeposition of chitosan-carbon nanotube implants enriched with calcium ions. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2016, 60, 256-266.	3.1	33
4	Thermogelling chitosan lactate hydrogel improves functional recovery after a C2 spinal cord hemisection in rat. <i>Journal of Biomedical Materials Research - Part A</i> , 2017, 105, 2004-2019.	4.0	27
5	Epineurium-mimicking chitosan conduits for peripheral nervous tissue engineering. <i>Carbohydrate Polymers</i> , 2016, 152, 119-128.	10.2	23
6	Influence of chitosan average molecular weight on degradation and stability of electrodeposited conduits. <i>Carbohydrate Polymers</i> , 2020, 244, 116484.	10.2	18
7	Assessment of degradation and biocompatibility of electrodeposited chitosan and chitosan-carbon nanotube tubular implants. <i>Journal of Biomedical Materials Research - Part A</i> , 2016, 104, 2701-2711.	4.0	16
8	Understanding Electrodeposition of Chitosan-Hydroxyapatite Structures for Regeneration of Tubular-Shaped Tissues and Organs. <i>Materials</i> , 2021, 14, 1288.	2.9	14
9	Structural characteristics of thermosensitive chitosan glutamate hydrogels in variety of physiological environments. <i>Journal of Molecular Structure</i> , 2014, 1074, 629-635.	3.6	13
10	Controlling the Spatiotemporal Release of Nerve Growth Factor by Chitosan/Polycaprolactone Conduits for Use in Peripheral Nerve Regeneration. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2852.	4.1	12
11	Fabrication and Characterization of Polycaprolactone/Chitosan-Hydroxyapatite Hybrid Implants for Peripheral Nerve Regeneration. <i>Polymers</i> , 2021, 13, 775.	4.5	11
12	Modeling of Drug (Albumin) Release from Thermosensitive Chitosan Hydrogels. <i>Industrial &amp; Engineering Chemistry Research</i> , 2011, 50, 5866-5872.	3.7	8
13	Investigation of Parameters Influencing Tubular-Shaped Chitosan-Hydroxyapatite Layer Electrodeposition. <i>Molecules</i> , 2021, 26, 104.	3.8	4
14	Reconstruction of the Injured Spinal Cord by Implantation of a Hydrogel based on Chitosan and $\beta$ -2-Glycerol Phosphate-motor Behavior and Ventilatory Assessments. <i>Procedia Engineering</i> , 2013, 59, 226-232.	1.2	3
15	CYTOTOXICITY OF CHITOSAN BASED THERMO-SENSITIVE HYDROGELS INTENDED FOR NERVOUS TISSUE ENGINEERING. <i>Progress on Chemistry and Application of Chitin and Its Derivatives</i> , 2015, XX, 222-235.	0.1	2
16	Peripheral nerve implants enriched with chemotactic factors for peripheral nervous tissue engineering. <i>SpringerPlus</i> , 2015, 4, L30.	1.2	1
17	Ten-eleven translocation methylcytosine dioxygenase loaded microspheres penetrate neurons in vitro causing active demethylation and neurite outgrowth. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2021, 15, 463-474.	2.7	1
18	How Far is Environmental Engineering from Biomedical Engineering?. <i>Chemistry, Didactics, Ecology, Metrology</i> , 2015, 20, 7-18.	0.6	0