

# Zuzana Kroneková

## List of Publications by Year in descending order

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Version: 2024-02-01

27  
papers

655  
citations

516710

16  
h-index

580821

25  
g-index

28  
all docs

28  
docs citations

28  
times ranked

1058  
citing authors

#	ARTICLE	IF	CITATIONS
1	In vitro bio-immunological and cytotoxicity studies of poly(2-oxazolines). <i>Journal of Materials Science: Materials in Medicine</i> , 2011, 22, 1725-1734.	3.6	94
2	Liposome-based DNA carriers may induce cellular stress response and change gene expression pattern in transfected cells. <i>BMC Molecular Biology</i> , 2011, 12, 27.	3.0	65
3	Tulips: A Renewable Source of Monomer for Superabsorbent Hydrogels. <i>Macromolecules</i> , 2016, 49, 4047-4056.	4.8	50
4	Zwitterionic hydrogels crosslinked with novel zwitterionic crosslinkers: Synthesis and characterization. <i>Polymer</i> , 2011, 52, 3011-3020.	3.8	48
5	Green synthesis of silver nanoparticles and biopolymer nanocomposites: a comparative study on physico-chemical, antimicrobial and anticancer activity. <i>Bulletin of Materials Science</i> , 2018, 41, 1.	1.7	45
6	Immunomodulatory efficiency of poly(2-oxazolines). <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1457-1464.	3.6	33
7	Sulfobetaines Meet Carboxybetaines: Modulation of Thermo- and Ion-Responsivity, Water Structure, Mechanical Properties, and Cell Adhesion. <i>Langmuir</i> , 2019, 35, 1391-1403.	3.5	32
8	Poly(2-oxazoline) hydrogels crosslinked with aliphatic bis(2-oxazoline)s: Properties, cytotoxicity, and cell cultivation. <i>Journal of Polymer Science Part A</i> , 2016, 54, 1548-1559.	2.3	29
9	Organization of assembly factors Cbp3p and Cbp4p and their effect on bc1 complex assembly in <i>Saccharomyces cerevisiae</i> . <i>Current Genetics</i> , 2005, 47, 203-212.	1.7	27
10	Ex Vivo and In Vitro Studies on the Cytotoxicity and Immunomodulative Properties of Poly(2-isopropenyl-2-oxazoline) as a New Type of Biomedical Polymer. <i>Macromolecular Bioscience</i> , 2016, 16, 1200-1211.	4.1	25
11	Diclofenac Embedded in Silk Fibroin Fibers as a Drug Delivery System. <i>Materials</i> , 2020, 13, 3580.	2.9	21
12	Carbonyl iron coated with a sulfobetaine moiety as a biocompatible system and the magnetorheological performance of its silicone oil suspensions. <i>RSC Advances</i> , 2016, 6, 32823-32830.	3.6	20
13	Poly(2-oxazoline) hydrogels by photoinduced thiol-ene "click" reaction using different dithiol crosslinkers. <i>Journal of Polymer Research</i> , 2017, 24, 1.	2.4	20
14	Bioactive polymeric formulations for wound healing. <i>Polymers for Advanced Technologies</i> , 2018, 29, 1815-1825.	3.2	19
15	Polysulfobetaine films prepared by electrografting technique for reduction of biofouling on electroconductive surfaces. <i>Applied Surface Science</i> , 2011, 257, 10795-10801.	6.1	17
16	In vitro study of partially hydrolyzed poly(2-ethyl-2-oxazolines) as materials for biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2015, 26, 157.	3.6	16
17	Chitosan-silver nanocomposites: New functional biomaterial for health-care applications. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2018, 67, 1-10.	3.4	16
18	DNA delivery systems based on copolymers of poly(2-methyl-2-oxazoline) and polyethyleneimine: Effect of polyoxazoline moieties on the endo-lysosomal escape. <i>Journal of Applied Polymer Science</i> , 2020, 137, 49400.	2.6	15

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19	Structural changes in alginate-based microspheres exposed to in vivo environment as revealed by confocal Raman microscopy. <i>Scientific Reports</i> , 2018, 8, 1637.	3.3	14
20	The Drug-Loaded Electrospun Poly( $\mu$ -Caprolactone) Mats for Therapeutic Application. <i>Nanomaterials</i> , 2021, 11, 922.	4.1	14
21	Polyglycolide-Based Porous Networks Containing Poly(ethylene glycol) Structures Prepared by Photoinitiated Thiol-ene Coupling. <i>Biomacromolecules</i> , 2018, 19, 3331-3342.	5.4	12
22	Cell-Mediated Immunoreactivity of Poly(2-isopropenyl-2-oxazoline) as Promising Formulation for Immunomodulation. <i>Materials</i> , 2021, 14, 1371.	2.9	6
23	Exchange Counterion in Polycationic Hydrogels: Tunability of Hydrophobicity, Water State, and Floating Capability for a Floating pH Device. <i>Gels</i> , 2021, 7, 109.	4.5	6
24	Development of a microchannel emulsification process for pancreatic beta cell encapsulation. <i>Biotechnology Progress</i> , 2019, 35, e2851.	2.6	5
25	Effect of Dexamethasone on Thermo-responsive Behavior of Poly(2-Oxazoline) Diblock Copolymers. <i>Polymers</i> , 2021, 13, 1357.	4.5	2
26	A bio-inspired design of live cell biosensors. , 2018, , .		2
27	Biocompatibility and Immunocompatibility Assessment of Poly(2-Oxazolines). , 0, , .		1