

Kamil Kaminski

List of Publications by Year in descending order

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41
papers

835
citations

567247

15
h-index

501174

28
g-index

41
all docs

41
docs citations

41
times ranked

1180
citing authors

#	ARTICLE	IF	CITATIONS
1	pH-Sensitive Genipin-Cross-Linked Chitosan Microspheres For Heparin Removal. <i>Biomacromolecules</i> , 2008, 9, 3127-3132.	5.4	79
2	Hydrogel bacterial cellulose: a path to improved materials for new eco-friendly textiles. <i>Cellulose</i> , 2020, 27, 5353-5365.	4.9	79
3	HTCC: Broad Range Inhibitor of Coronavirus Entry. <i>PLoS ONE</i> , 2016, 11, e0156552.	2.5	67
4	Novel polymeric inhibitors of HCoV-NL63. <i>Antiviral Research</i> , 2013, 97, 112-121.	4.1	66
5	Chitosan Derivatives as Novel Potential Heparin Reversal Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4141-4147.	6.4	52
6	Cationic Derivatives of Dextran and Hydroxypropylcellulose as Novel Potential Heparin Antagonists. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6586-6596.	6.4	45
7	Biopolymeric hydrogels with nanostructured TiO ₂ hybrid materials as potential injectable scaffolds for bone regeneration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 148, 607-614.	5.0	41
8	Self-organized thermo-responsive hydroxypropyl cellulose nanoparticles for curcumin delivery. <i>European Polymer Journal</i> , 2013, 49, 2485-2494.	5.4	38
9	Cationic derivative of dextran reverses anticoagulant activity of unfractionated heparin in animal models of arterial and venous thrombosis. <i>European Journal of Pharmacology</i> , 2012, 686, 81-89.	3.5	35
10	Nonclinical Evaluation of Novel Cationically Modified Polysaccharide Antidotes for Unfractionated Heparin. <i>PLoS ONE</i> , 2015, 10, e0119486.	2.5	28
11	Cellular delivery and enhanced anticancer activity of berberine complexed with a cationic derivative of β -cyclodextrin. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1414-1420.	3.0	21
12	Heparin-binding copolymer reverses effects of unfractionated heparin, enoxaparin, and fondaparinux in rats and mice. <i>Translational Research</i> , 2016, 177, 98-112.e10.	5.0	20
13	Silicone-stabilized liposomes as a possible novel nanostructural drug carrier. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 143, 359-370.	5.0	19
14	Addressing the Osteoporosis Problem—Multifunctional Injectable Hybrid Materials for Controlling Local Bone Tissue Remodeling. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49762-49779.	8.0	18
15	The Toxicokinetic Profile of Dex40-GTMAC3—a Novel Polysaccharide Candidate for Reversal of Unfractionated Heparin. <i>Frontiers in Pharmacology</i> , 2016, 7, 60.	3.5	17
16	Uptake and in vitro anticancer activity of oleic acid delivered in nanocapsules stabilized by amphiphilic derivatives of hyaluronic acid and chitosan. <i>International Journal of Biological Macromolecules</i> , 2020, 164, 2000-2009.	7.5	17
17	Anticoagulant Properties of Poly(sodium 2-(acrylamido)-2-methylpropanesulfonate)-Based Di- and Triblock Polymers. <i>Biomacromolecules</i> , 2018, 19, 3104-3118.	5.4	16
18	Inactivation of Heparin by Cationically Modified Chitosan. <i>Marine Drugs</i> , 2014, 12, 3953-3969.	4.6	14

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19	New arginine substituted derivative of poly(allylamine hydrochloride) for heparin reversal. <i>MedChemComm</i> , 2014, 5, 489.	3.4	14
20	Hyaluronic Acid-Based Nanocapsules as Efficient Delivery Systems of Garlic Oil Active Components with Anticancer Activity. <i>Nanomaterials</i> , 2021, 11, 1354.	4.1	13
21	Enhanced delivery of daidzein into fibroblasts and neuronal cells with cationic derivatives of gamma-cyclodextrin for the control of cellular glycosaminoglycans. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 91, 111-119.	4.3	12
22	Novel bioelectrodes based on polysaccharide modified gold surfaces and electrochemically active <i>Lactobacillus rhamnosus</i> GG biofilms. <i>Electrochimica Acta</i> , 2019, 296, 999-1008.	5.2	12
23	Pioglitazone-Loaded Nanostructured Hybrid Material for Skin Ulcer Treatment. <i>Materials</i> , 2020, 13, 2050.	2.9	11
24	Heparin-Binding Copolymer as a Complete Antidote for Low-Molecular-Weight Heparins in Rats. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2020, 373, 51-61.	2.5	10
25	Murine cellular model of mucopolysaccharidosis, type IIIB (MPS IIIB) – A preliminary study with particular emphasis on the non-oxidative l-cysteine metabolism. <i>Biochimie</i> , 2020, 174, 84-94.	2.6	10
26	The neutralization of heparan sulfate by heparin-binding copolymer as a potential therapeutic target. <i>RSC Advances</i> , 2019, 9, 3020-3029.	3.6	9
27	The Expression and Activity of Rhodanese, 3-Mercaptopyruvate Sulfurtransferase, Cystathionine β -Lyase in the Most Frequently Chosen Cellular Research Models. <i>Biomolecules</i> , 2021, 11, 1859.	4.0	9
28	Heparin - a Key Drug in the Treatment of the Circulatory Degenerative Diseases: Controlling its Action with Polymers. <i>Current Pharmaceutical Design</i> , 2012, 18, 2591-2606.	1.9	8
29	Improved Pharmacokinetics and Tissue Uptake of Complexed Daidzein in Rats. <i>Pharmaceutics</i> , 2020, 12, 162.	4.5	8
30	Synthesis and Study of Antifungal Properties of New Cationic Beta-Glucan Derivatives. <i>Pharmaceutics</i> , 2021, 14, 838.	3.8	7
31	Heparan Sulfate, Mucopolysaccharidosis IIIB and Sulfur Metabolism Disorders. <i>Antioxidants</i> , 2022, 11, 678.	5.1	7
32	The Inhibitory Effect of Protamine on Platelets is Attenuated by Heparin without Inducing Thrombocytopenia in Rodents. <i>Marine Drugs</i> , 2019, 17, 539.	4.6	6
33	Hydroxypropylcellulose-graft-poly(N-isopropylacrylamide) – novel water-soluble copolymer with double thermoresponsivity. <i>Polimery</i> , 2013, 58, 696-702.	0.7	5
34	Effect of glycosaminoglycans accumulation on the non-oxidative sulfur metabolism in mouse model of Sanfilippo syndrome, type B. <i>Acta Biochimica Polonica</i> , 2019, 66, 567-576.	0.5	5
35	Cell proliferation induced by modified cationic dextran. <i>Bio-Algorithms and Med-Systems</i> , 2018, 14, .	2.4	4
36	Growth of Lactic Acid Bacteria on Gold – Influence of Surface Roughness and Chemical Composition. <i>Nanomaterials</i> , 2020, 10, 2499.	4.1	4

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37	The antiatherogenic effect of new biocompatible cationically modified polysaccharides: chitosan and pullulan - the comparison study. <i>Journal of Physiology and Pharmacology</i> , 2018, 69, .	1.1	3
38	Self-Organized Nanoparticles of Random and Block Copolymers of Sodium 2-(Acrylamido)-2-methyl-1-propanesulfonate and Sodium 11-(Acrylamido)undecanoate as Safe and Effective Zika Virus Inhibitors. <i>Pharmaceutics</i> , 2022, 14, 309.	4.5	3
39	New long-term action insulin formulations obtained using polycations for heparin neutralization. <i>Bio-Algorithms and Med-Systems</i> , 2019, 15, .	2.4	1
40	Physicochemical Investigation of Biosynthesis of a Protein Coating on Glass That Promotes Mammalian Cell Growth Using <i>Lactobacillus rhamnosus</i> GG Bacteria. <i>Coatings</i> , 2021, 11, 1410.	2.6	1
41	Monitoring of Anticoagulant Activity of Dabigatran and Rivaroxaban in the Presence of Heparins. <i>Journal of Clinical Medicine</i> , 2022, 11, 2236.	2.4	1