

Krzysztof SzczubiaÅka

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/771453/publications.pdf>

Version: 2024-02-01

88
papers

1,969
citations

236925

25
h-index

315739

38
g-index

89
all docs

89
docs citations

89
times ranked

2866
citing authors

#	ARTICLE	IF	CITATIONS
1	Photocatalytic degradation of sulfamethoxazole in aqueous solution using a floating TiO ₂ -expanded perlite photocatalyst. <i>Journal of Hazardous Materials</i> , 2015, 298, 146-153.	12.4	153
2	pH-Sensitive Genipin-Cross-Linked Chitosan Microspheres For Heparin Removal. <i>Biomacromolecules</i> , 2008, 9, 3127-3132.	5.4	79
3	HTCC: Broad Range Inhibitor of Coronavirus Entry. <i>PLoS ONE</i> , 2016, 11, e0156552.	2.5	67
4	Hydrogel membranes based on genipin-cross-linked chitosan blends for corneal epithelium tissue engineering. <i>Journal of Materials Science: Materials in Medicine</i> , 2012, 23, 1991-2000.	3.6	66
5	Novel polymeric inhibitors of HCoV-NL63. <i>Antiviral Research</i> , 2013, 97, 112-121.	4.1	66
6	HTCC as a Polymeric Inhibitor of SARS-CoV-2 and MERS-CoV. <i>Journal of Virology</i> , 2021, 95, .	3.4	64
7	Chitosan Derivatives as Novel Potential Heparin Reversal Agents. <i>Journal of Medicinal Chemistry</i> , 2010, 53, 4141-4147.	6.4	52
8	Biopolymeric nano/microspheres for selective and reversible adsorption of coronaviruses. <i>Materials Science and Engineering C</i> , 2017, 76, 735-742.	7.3	51
9	Transition metal compounds and complexes as catalysts in synthesis of acetals and orthoesters: Theoretical, mechanistic and practical aspects. <i>Coordination Chemistry Reviews</i> , 2012, 256, 2057-2095.	18.8	49
10	Cationic Derivatives of Dextran and Hydroxypropylcellulose as Novel Potential Heparin Antagonists. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 6586-6596.	6.4	45
11	TiO ₂ -coated EP as a floating photocatalyst for water purification. <i>Journal of Materials Chemistry A</i> , 2014, 2, 6931.	10.3	41
12	New polymeric photosensitizers. <i>Pure and Applied Chemistry</i> , 2001, 73, 491-495.	1.9	38
13	Self-organized thermo-responsive hydroxypropyl cellulose nanoparticles for curcumin delivery. <i>European Polymer Journal</i> , 2013, 49, 2485-2494.	5.4	38
14	Cultivated Oral Mucosa Epithelium in Ocular Surface Reconstruction in Aniridia Patients. <i>BioMed Research International</i> , 2015, 2015, 1-7.	1.9	38
15	Response of micelles formed by smart terpolymers to stimuli studied by dynamic light scattering. <i>Polymer</i> , 2003, 44, 5269-5274.	3.8	37
16	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
17	Micelle Formation of Diblock Copolymers of Styrene and Sulfonated Isoprene in Aqueous Solution. <i>Langmuir</i> , 1999, 15, 454-462.	3.5	33
18	Photoactive Modified Chitosan. <i>Biomacromolecules</i> , 2008, 9, 1631-1636.	5.4	33

#	ARTICLE	IF	CITATIONS
19	Hybrid photosensitizer based on halloysite nanotubes for phenol-based pesticide photodegradation. <i>Chemical Engineering Journal</i> , 2015, 262, 125-132.	12.7	32
20	Photoactive polymeric and hybrid systems for photocatalytic degradation of water pollutants. <i>Polymer Degradation and Stability</i> , 2017, 145, 120-141.	5.8	29
21	Biopolymer-based hydrogels as injectable materials for tissue repair scaffolds. <i>Biomedical Materials (Bristol)</i> , 2013, 8, 035013.	3.3	28
22	Nonclinical Evaluation of Novel Cationically Modified Polysaccharide Antidotes for Unfractionated Heparin. <i>PLoS ONE</i> , 2015, 10, e0119486.	2.5	28
23	Photocrosslinkable smart terpolymers responding to pH, temperature, and ionic strength. <i>Journal of Polymer Science Part A</i> , 2004, 42, 3879-3886.	2.3	27
24	Photocrosslinkable diazoresin/pectin films – Synthesis and application as cell culture supports. <i>European Polymer Journal</i> , 2011, 47, 1503-1513.	5.4	27
25	Associating Behavior of Sulfonated Polyisoprene Block Copolymers with Short Polystyrene Blocks at Both Chain Ends. <i>Langmuir</i> , 2000, 16, 2083-2092.	3.5	25
26	Adenine Molecularly Imprinted Polymer-Coated Submicrometer Silica Gel Particles. <i>Chemistry of Materials</i> , 2010, 22, 5392-5399.	6.7	25
27	Photosensitized dechlorination of polychlorinated benzenes. 1. Carbazole-photosensitized dechlorination of hexachlorobenzene. <i>Chemosphere</i> , 1999, 39, 71-80.	8.2	24
28	Characterization of hydrocarbon and fluorocarbon microdomains formed in aqueous solution of associative polymers: A molecular probe technique. <i>Journal of Fluorine Chemistry</i> , 2005, 126, 1409-1418.	1.7	24
29	Visible light induced photosensitized degradation of Acid Orange 7 in the suspension of bentonite intercalated with perfluoroalkyl perfluoro phthalocyanine zinc complex. <i>Applied Catalysis B: Environmental</i> , 2012, 125, 35-40.	20.2	23
30	Temperature-induced aggregation of the copolymers of N-isopropylacrylamide and sodium 2-acrylamido-2-methyl-1-propanesulphonate in aqueous solutions. <i>Journal of Polymer Science Part A</i> , 2001, 39, 2784-2792.	2.3	22
31	Stable polymersomes based on ionic zwitterionic block copolymers modified with superparamagnetic iron oxide nanoparticles for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2015, 3, 5523-5531.	5.8	22
32	"Smart" polymeric nanospheres as new materials for possible biomedical applications. <i>Journal of Materials Science: Materials in Medicine</i> , 2003, 14, 699-703.	3.6	21
33	Interactions of temperature-responsive anionic polyelectrolytes with a cationic surfactant. <i>Journal of Colloid and Interface Science</i> , 2003, 265, 214-219.	9.4	21
34	Cellular delivery and enhanced anticancer activity of berberine complexed with a cationic derivative of cyclodextrin. <i>Bioorganic and Medicinal Chemistry</i> , 2019, 27, 1414-1420.	3.0	21
35	Polymeric photosensitizers, 1. Synthesis and photochemical properties of poly[(sodium) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 1 Macromolecular Chemistry and Physics, 1995, 196, 2073-2080.	2.2	20
36	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

#	ARTICLE	IF	CITATIONS
37	Berberine Hampers Influenza A Replication through Inhibition of MAPK/ERK Pathway. <i>Viruses</i> , 2020, 12, 344.	3.3	18
38	The Toxicokinetic Profile of Dex40-GTMAC3â€”a Novel Polysaccharide Candidate for Reversal of Unfractionated Heparin. <i>Frontiers in Pharmacology</i> , 2016, 7, 60.	3.5	17
39	In search for effective and definitive treatment of herpes simplex virus type 1 (HSV-1) infections. <i>RSC Advances</i> , 2016, 6, 1058-1075.	3.6	17
40	Synthetic sulfonated derivatives of poly(allylamine hydrochloride) as inhibitors of human metapneumovirus. <i>PLoS ONE</i> , 2019, 14, e0214646.	2.5	17
41	Photosensitized dechlorination of polychlorinated phenols 1. Carbazole-photosensitized dechlorination of pentachlorophenol. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1995, 91, 81-85.	3.9	16
42	Modifying the thermosensitivity of copolymers of sodium styrene sulfonate and N-isopropylacrylamide with dodecyltrimethylammonium chloride. <i>Colloid and Polymer Science</i> , 2004, 283, 291-298.	2.1	16
43	Photosensitized Oxidation of Cyanide in Aqueous Solutions of Photoactive Modified Hydroxyethylcellulose. <i>Journal of Polymers and the Environment</i> , 2006, 14, 59-64.	5.0	16
44	Molecularly Imprinted Hybrid Adsorbents for Adenine and Adenosine-5â€”triphosphate. <i>Journal of Medicinal Chemistry</i> , 2012, 55, 8712-8720.	6.4	16
45	Roxithromycin degradation by acidic hydrolysis and photocatalysis. <i>Analytical Methods</i> , 2014, 6, 6414-6423.	2.7	16
46	Nanoparticles in endothelial theranostics. <i>Pharmacological Reports</i> , 2015, 67, 751-755.	3.3	16
47	Anticoagulant Properties of Poly(sodium 2-(acrylamido)-2-methylpropanesulfonate)-Based Di- and Triblock Polymers. <i>Biomacromolecules</i> , 2018, 19, 3104-3118.	5.4	16
48	Photoactive Modified Hydroxyethylcellulose. <i>Macromolecular Rapid Communications</i> , 2002, 23, 972-974.	3.9	15
49	Inactivation of Heparin by Cationically Modified Chitosan. <i>Marine Drugs</i> , 2014, 12, 3953-3969.	4.6	14
50	New arginine substituted derivative of poly(allylamine hydrochloride) for heparin reversal. <i>MedChemComm</i> , 2014, 5, 489.	3.4	14
51	Novel Polyanions Inhibiting Replication of Influenza Viruses. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 1955-1966.	3.2	14
52	Inhibition of Herpes Simplex Viruses by Cationic Dextran Derivatives. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8620-8630.	6.4	14
53	Novel hybrid photosensitizers: Photoactive polymerâ€”nanoclay. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 215, 223-228.	3.9	13
54	Smart anionic polyelectrolytes based on natural polymer for complexation of cationic surfactant. <i>Journal of Applied Polymer Science</i> , 2006, 102, 2401-2407.	2.6	12

#	ARTICLE	IF	CITATIONS
55	Interactions of a smart cationic polyelectrolyte based on hydroxypropylcellulose with an anionic surfactant. <i>Journal of Applied Polymer Science</i> , 2008, 107, 3184-3189.	2.6	12
56	Nanoheterogeneous Multilayer Films with Perfluorinated Domains Fabricated Using the Layer-by-Layer Method. <i>Langmuir</i> , 2010, 26, 11915-11920.	3.5	12
57	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
58	Cat flu: Broad spectrum polymeric antivirals. <i>Antiviral Research</i> , 2019, 170, 104563.	4.1	12
59	Spectroscopic investigations into degradation of polymer membranes for fuel cells applications. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 1337-1343.	3.9	11
60	A thermosensitive carrageenan-based polymer: Synthesis, characterization and interactions with a cationic surfactant. <i>Carbohydrate Polymers</i> , 2013, 96, 211-217.	10.2	11
61	Porphyrinâ€“Nanoclay Photosensitizers for Visible Light Induced Oxidation of Phenol in Aqueous Media. <i>Journal of Physical Chemistry C</i> , 2014, 118, 9196-9202.	3.1	11
62	Photoactive polymerâ€“nanoclay hybrid photosensitizer for oxidation of phenol in aqueous media with the visible light. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2014, 288, 39-45.	3.9	11
63	Osteoinductive activity of insulin-functionalized cell culture surfaces obtained using diazonium chemistry. <i>Frontiers in Chemistry</i> , 2014, 2, 117.	3.6	11
64	Pioglitazone-Loaded Nanostructured Hybrid Material for Skin Ulcer Treatment. <i>Materials</i> , 2020, 13, 2050.	2.9	11
65	Polymeric/silicagel hybrid molecularly photoimprinted adsorbents for adenosine and its derivatives. <i>European Polymer Journal</i> , 2014, 59, 230-238.	5.4	10
66	Selective adsorption of modified nucleoside cancer biomarkers by hybrid molecularly imprinted adsorbents. <i>Journal of Separation Science</i> , 2016, 39, 3072-3080.	2.5	10
67	Highly Effective and Safe Polymeric Inhibitors of Herpes Simplex Virus in Vitro and in Vivo. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26745-26752.	8.0	10
68	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
69	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
70	Tuning the Surface Properties of Poly(Allylamine Hydrochloride)-Based Multilayer Films. <i>Materials</i> , 2021, 14, 2361.	2.9	9
71	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
72	Dexamethasone-containing bioactive dressing for possible application in post-operative keloid therapy. <i>Cellulose</i> , 2019, 26, 1895-1908.	4.9	8

#	ARTICLE	IF	CITATIONS
73	Improved Pharmacokinetics and Tissue Uptake of Complexed Daidzein in Rats. <i>Pharmaceutics</i> , 2020, 12, 162.	4.5	8
74	Photochemical molecular imprinting of cholesterol. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 61, 147-151.	1.6	6
75	Novel fluorescent CdTe quantum dot "thymine conjugate" synthesis, properties and possible application. <i>Nanotechnology</i> , 2017, 28, 045701.	2.6	6
76	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
77	Silicone-Modified Chitosan Membranes for Corneal Epithelium Tissue Engineering. <i>Journal of Biomaterials and Tissue Engineering</i> , 2018, 8, 374-383.	0.1	6
78	Novel Photosensitizers Based on Polysaccharides "Dextran Modified with Anthracene. <i>Macromolecular Symposia</i> , 2008, 272, 107-116.	0.7	5
79	Zwitterionically modified hydroxypropylcellulose for biomedical applications. <i>European Polymer Journal</i> , 2010, 46, 1475-1479.	5.4	5
80	Corneal Epithelial Scaffolds Based on Chitosan Membranes Containing Collagen and Keratin. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015, 64, 140-148.	3.4	5
81	Hydroxypropylcellulose-graft-poly(N-isopropylacrylamide) "novel water-soluble copolymer with double thermoresponsivity. <i>Polimery</i> , 2013, 58, 696-702.	0.7	5
82	In Vitro Inhibition of Zika Virus Replication with Poly(Sodium 4-Styrenesulfonate). <i>Viruses</i> , 2020, 12, 926.	3.3	3
83	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
84	Use of Autologous Epithelium Transplantation on Various Scaffolds to Cover Tissue Loss in Oral Cavity: Long-Term Observation. <i>Journal of Applied Biomaterials and Functional Materials</i> , 2017, 15, 25-30.	1.6	2
85	Removal of Pentachlorophenol from Water Using Novel Smart Hydrogel Microspheres. <i>E-Polymers</i> , 2006, 6, .	3.0	1
86	New long-term action insulin formulations obtained using polycations for heparin neutralization. <i>Bio-Algorithms and Med-Systems</i> , 2019, 15, .	2.4	1
87	Reversal Activity and Toxicity of Heparin-Binding Copolymer after Subcutaneous Administration of Enoxaparin in Mice. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11149.	4.1	1
88	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