

Alexander N Zelikin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7115999/publications.pdf>

Version: 2024-02-01

145
papers

8,581
citations

57681

46
h-index

54771

88
g-index

153
all docs

153
docs citations

153
times ranked

11147
citing authors

#	ARTICLE	IF	CITATIONS
1	Self-Polymerization of Dopamine as a Versatile and Robust Technique to Prepare Polymer Capsules. <i>Chemistry of Materials</i> , 2009, 21, 3042-3044.	3.2	454
2	Next generation, sequentially assembled ultrathin films: beyond electrostatics. <i>Chemical Society Reviews</i> , 2007, 36, 707.	18.7	425
3	Disulfide Cross-Linked Polymer Capsules: En Route to Biodeconstructible Systems. <i>Biomacromolecules</i> , 2006, 7, 27-30.	2.6	316
4	Drug Releasing Polymer Thin Films: New Era of Surface-Mediated Drug Delivery. <i>ACS Nano</i> , 2010, 4, 2494-2509.	7.3	265
5	Materials and methods for delivery of biological drugs. <i>Nature Chemistry</i> , 2016, 8, 997-1007.	6.6	245
6	Templated Synthesis of Single-Component Polymer Capsules and Their Application in Drug Delivery. <i>Nano Letters</i> , 2008, 8, 1741-1745.	4.5	242
7	A Microreactor with Thousands of Subcompartments: Enzyme-Loaded Liposomes within Polymer Capsules. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 4359-4362.	7.2	204
8	Degradable Polyelectrolyte Capsules Filled with Oligonucleotide Sequences. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 7743-7745.	7.2	202
9	Prodrugs in medicinal chemistry and enzyme prodrug therapies. <i>Advanced Drug Delivery Reviews</i> , 2017, 118, 65-77.	6.6	202
10	A General Approach for DNA Encapsulation in Degradable Polymer Microcapsules. <i>ACS Nano</i> , 2007, 1, 63-69.	7.3	195
11	Progress and Promise of Nitric Oxide-Releasing Platforms. <i>Advanced Science</i> , 2018, 5, 1701043.	5.6	194
12	Poly(Vinyl Alcohol) Physical Hydrogels: New Vista on a Long Serving Biomaterial. <i>Macromolecular Bioscience</i> , 2011, 11, 1293-1313.	2.1	193
13	Routing of individual polymers in designed patterns. <i>Nature Nanotechnology</i> , 2015, 10, 892-898.	15.6	189
14	Disulfide-Stabilized Poly(methacrylic acid) Capsules: Formation, Cross-Linking, and Degradation Behavior. <i>Chemistry of Materials</i> , 2008, 20, 2655-2661.	3.2	187
15	Degradable, Surfactant-Free, Monodisperse Polymer-Encapsulated Emulsions as Anticancer Drug Carriers. <i>Advanced Materials</i> , 2009, 21, 1820-1824.	11.1	173
16	Polymer hydrogel capsules: en route toward synthetic cellular systems. <i>Nanoscale</i> , 2009, 1, 68.	2.8	171
17	A Protective Vaccine Delivery System for <i>In Vivo</i> T Cell Stimulation Using Nanoengineered Polymer Hydrogel Capsules. <i>ACS Nano</i> , 2009, 3, 3391-3400.	7.3	170
18	Erodible Conducting Polymers for Potential Biomedical Applications. <i>Angewandte Chemie - International Edition</i> , 2002, 41, 141-144.	7.2	162

#	ARTICLE	IF	CITATIONS
19	Binding, Internalization, and Antigen Presentation of Vaccine-Loaded Nanoengineered Capsules in Blood. <i>Advanced Materials</i> , 2008, 20, 4698-4703.	11.1	155
20	A paradigm for peptide vaccine delivery using viral epitopes encapsulated in degradable polymer hydrogel capsules. <i>Biomaterials</i> , 2009, 30, 5178-5186.	5.7	126
21	Polyhistidine-PEG:DNA nanocomposites for gene delivery. <i>Biomaterials</i> , 2003, 24, 4425-4433.	5.7	120
22	A Critical Look at Multilayered Polymer Capsules in Biomedicine: Drug Carriers, Artificial Organelles, and Cell Mimics. <i>Advanced Functional Materials</i> , 2011, 21, 14-28.	7.8	116
23	Tuning the Formation and Degradation of Layer-by-Layer Assembled Polymer Hydrogel Microcapsules. <i>Langmuir</i> , 2009, 25, 14079-14085.	1.6	115
24	Stabilization and Functionalization of Polymer Multilayers and Capsules via Thiol-Ene Click Chemistry. <i>Chemistry of Materials</i> , 2009, 21, 576-578.	3.2	110
25	Microfluidic polymer multilayer adsorption on liquid crystal droplets for microcapsule synthesis. <i>Lab on A Chip</i> , 2008, 8, 2182.	3.1	107
26	Cholesterol-mediated anchoring of enzyme-loaded liposomes within disulfide-stabilized polymer carrier capsules. <i>Biomaterials</i> , 2009, 30, 5988-5998.	5.7	103
27	Triggered Enzymatic Degradation of DNA within Selectively Permeable Polymer Capsule Microreactors. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 329-332.	7.2	101
28	Redox-Active Polymer Microcapsules for the Delivery of a Survivin-Specific siRNA in Prostate Cancer Cells. <i>ACS Nano</i> , 2011, 5, 1335-1344.	7.3	99
29	Poly(vinylpyrrolidone) for Bioconjugation and Surface Ligand Immobilization. <i>Biomacromolecules</i> , 2007, 8, 2950-2953.	2.6	90
30	Stabilization of Polymer-Hydrogel Capsules via Thiol-Disulfide Exchange. <i>Small</i> , 2009, 5, 2601-2610.	5.2	90
31	Localized and Controlled Delivery of Nitric Oxide to the Conventional Outflow Pathway via Enzyme Biocatalysis: Toward Therapy for Glaucoma. <i>Advanced Materials</i> , 2017, 29, 1604932.	11.1	85
32	Poly(L-lysine) nanostructured particles for gene delivery and hormone stimulation. <i>Biomaterials</i> , 2010, 31, 1699-1706.	5.7	83
33	Aliphatic Ionenenes as Gene Delivery Agents: Elucidation of Structure-Function Relationship through Modification of Charge Density and Polymer Length. <i>Bioconjugate Chemistry</i> , 2002, 13, 548-553.	1.8	78
34	Macromolecule Functionalization of Disulfide-Bonded Polymer Hydrogel Capsules and Cancer Cell Targeting. <i>ACS Nano</i> , 2012, 6, 1463-1472.	7.3	73
35	Self-Immolative Linkers Literally Bridge Disulfide Chemistry and the Realm of Thiol-Free Drugs. <i>Advanced Healthcare Materials</i> , 2015, 4, 1887-1890.	3.9	69
36	Exploiting Fluorescent Polymers To Probe the Self-Assembly of Virus-like Particles. <i>Journal of Physical Chemistry B</i> , 2011, 115, 2386-2391.	1.2	68

#	ARTICLE	IF	CITATIONS
37	Structure–function relationships of gene delivery vectors in a limited polycation library. <i>Journal of Controlled Release</i> , 2005, 103, 273-283.	4.8	67
38	Nitric Oxide to Fight Viral Infections. <i>Advanced Science</i> , 2021, 8, 2003895.	5.6	62
39	Microstructured, Functional PVA Hydrogels through Bioconjugation with Oligopeptides under Physiological Conditions. <i>Small</i> , 2013, 9, 942-950.	5.2	61
40	Identification and Directed Development of Non–Organic Catalysts with Apparent Pan–Enzymatic Mimicry into Nanozymes for Efficient Prodrug Conversion. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 278-282.	7.2	56
41	Competitive Reactions in Solutions of Poly-l-histidine, Calf Thymus DNA, and Synthetic Polyanions: Determining the Binding Constants of Polyelectrolytes. <i>Journal of the American Chemical Society</i> , 2003, 125, 13693-13699.	6.6	54
42	Approaches to Quantifying and Visualizing Polyelectrolyte Multilayer Film Formation on Particles. <i>Analytical Chemistry</i> , 2006, 78, 5913-5919.	3.2	54
43	Poly(Methacrylic Acid) Polymer Hydrogel Capsules: Drug Carriers, Sub–compartmentalized Microreactors, Artificial Organelles. <i>Small</i> , 2010, 6, 2201-2207.	5.2	53
44	Tuning the Permeability of Polymer Hydrogel Capsules: An Investigation of Cross-Linking Density, Membrane Thickness, and Cross-Linkers. <i>Langmuir</i> , 2011, 27, 1724-1730.	1.6	52
45	A Biomolecular “Ship-in-a-Bottle” Continuous RNA Synthesis Within Hollow Polymer Hydrogel Assemblies. <i>Advanced Materials</i> , 2010, 22, 720-723.	11.1	51
46	Subcompartmentalized Polymer Hydrogel Capsules with Selectively Degradable Carriers and Subunits. <i>Small</i> , 2010, 6, 1558-1564.	5.2	51
47	Facile Synthesis of 3-Alkylpyrroles. <i>Journal of Organic Chemistry</i> , 1999, 64, 3379-3380.	1.7	45
48	A Functionalizable Biomaterial Based on Dihydroxyacetone, an Intermediate of Glucose Metabolism. <i>Biomacromolecules</i> , 2006, 7, 3239-3244.	2.6	45
49	Poly(vinyl alcohol) Physical Hydrogels: Matrix-Mediated Drug Delivery Using Spontaneously Eroding Substrate. <i>Journal of Physical Chemistry B</i> , 2016, 120, 5916-5926.	1.2	45
50	Macromolecular Antiviral Agents against Zika, Ebola, SARS, and Other Pathogenic Viruses. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700748.	3.9	45
51	Poly(vinyl alcohol) Physical Hydrogels: Noncryogenic Stabilization Allows Nano- and Microscale Materials Design. <i>Langmuir</i> , 2011, 27, 10216-10223.	1.6	43
52	Liposomes as Drug Deposits in Multilayered Polymer Films. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 2967-2975.	4.0	43
53	Potent Lymphatic Translocation and Spatial Control Over Innate Immune Activation by Polymer–Lipid Amphiphile Conjugates of Small–Molecule TLR7/8 Agonists. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15390-15395.	7.2	43
54	Carrageenan-containing over-the-counter nasal and oral sprays inhibit SARS-CoV-2 infection of airway epithelial cultures. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L750-L756.	1.3	41

#	ARTICLE	IF	CITATIONS
55	Cytotoxicity and Internalization of Polymer Hydrogel Capsules by Mammalian Cells. <i>Biomacromolecules</i> , 2010, 11, 2123-2129.	2.6	40
56	Inhaled and systemic heparin as a repurposed direct antiviral drug for prevention and treatment of COVID-19. <i>Clinical Medicine</i> , 2020, 20, e218-e221.	0.8	39
57	Surface-Adhered Composite Poly(Vinyl Alcohol) Physical Hydrogels: Polymer-Assisted Delivery of Therapeutic Small Molecules. <i>Advanced Healthcare Materials</i> , 2012, 1, 791-795.	3.9	36
58	Macromolecular design of poly(vinyl alcohol) by RAFT polymerization. <i>Polymer Chemistry</i> , 2012, 3, 85-88.	1.9	35
59	Modified Aliphatic Ionenenes. Influence of Charge Density and Length of the Chains on Complex Formation with Poly(methacrylic acid). <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 3018-3026.	1.1	34
60	Diblock Copolymers Based on Dihydroxyacetone and Ethylene Glycol: Synthesis, Characterization, and Nanoparticle Formulation. <i>Biomacromolecules</i> , 2006, 7, 3245-3251.	2.6	34
61	Albumin-Polymer-Drug Conjugates: Long Circulating, High Payload Drug Delivery Vehicles. <i>ACS Macro Letters</i> , 2016, 5, 1089-1094.	2.3	34
62	Enzyme Mimics for the Catalytic Generation of Nitric Oxide from Endogenous Prodrugs. <i>Small</i> , 2020, 16, e1907635.	5.2	34
63	Enzyme Prodrug Therapy Engineered into Electrospun Fibers with Embedded Liposomes for Controlled, Localized Synthesis of Therapeutics. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700385.	3.9	33
64	Recognition and Selective Binding of DNA by Ionenenes of Different Charge Density. <i>Biomacromolecules</i> , 2005, 6, 3198-3201.	2.6	32
65	Assembling DNA into Advanced Materials: From Nanostructured Films to Biosensing and Delivery Systems. <i>Advanced Materials</i> , 2007, 19, 3727-3730.	11.1	31
66	Lipogels: surface-adherent composite hydrogels assembled from poly(vinyl alcohol) and liposomes. <i>Nanoscale</i> , 2013, 5, 6758.	2.8	31
67	The molecular tweezer CLR01 inhibits Ebola and Zika virus infection. <i>Antiviral Research</i> , 2018, 152, 26-35.	1.9	31
68	Poly(carbonate-acetal)s from the Dimer Form of Dihydroxyacetone. <i>Macromolecules</i> , 2005, 38, 5532-5537.	2.2	30
69	Macromolecular prodrugs of ribavirin combat side effects and toxicity with no loss of activity of the drug. <i>Chemical Communications</i> , 2013, 49, 2643.	2.2	30
70	Macromolecular (pro)drugs in antiviral research. <i>Polymer Chemistry</i> , 2014, 5, 6407-6425.	1.9	30
71	Disulfide reshuffling triggers the release of a thiol-free anti-HIV agent to make up fast-acting, potent macromolecular prodrugs. <i>Chemical Communications</i> , 2014, 50, 14498-14500.	2.2	30
72	Substrate mediated enzyme prodrug therapy. <i>Advanced Drug Delivery Reviews</i> , 2017, 118, 24-34.	6.6	29

#	ARTICLE	IF	CITATIONS
73	Enzyme Prodrug Therapy Achieves Site-Specific, Personalized Physiological Responses to the Locally Produced Nitric Oxide. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 10741-10751.	4.0	29
74	Molecular, Macromolecular, and Supramolecular Glucuronide Prodrugs: Lead Identified for Anticancer Prodrug Monotherapy. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 7390-7396.	7.2	29
75	Surface grafted glycopolymer brushes to enhance selective adhesion of HepG2 cells. <i>Journal of Colloid and Interface Science</i> , 2013, 404, 207-214.	5.0	28
76	Bioresorbable Surface-Adhered Enzymatic Microreactors Based on Physical Hydrogels of Poly(vinyl Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	1.6	28
77	Remotely Triggered Liquefaction of Hydrogel Materials. <i>ACS Nano</i> , 2020, 14, 9145-9155.	7.3	28
78	Zinc Oxide Particles Catalytically Generate Nitric Oxide from Endogenous and Exogenous Prodrugs. <i>Small</i> , 2020, 16, e1906744.	5.2	27
79	Degradation of liposomal subcompartments in PEGylated capsosomes. <i>Soft Matter</i> , 2011, 7, 9638.	1.2	26
80	Ceria Nanozyme and Phosphate Prodrugs: Drug Synthesis through Enzyme Mimicry. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 25685-25693.	4.0	26
81	Conformational Changes of Aliphatic Ionenes in Water-Salt Solutions as a Factor Controlling Stability of Their Complexes with Calf Thymus DNA. <i>Macromolecules</i> , 2003, 36, 2066-2071.	2.2	25
82	Surface adhered poly(vinyl alcohol) physical hydrogels as tools for rational design of intelligent biointerfaces. <i>Soft Matter</i> , 2012, 8, 4625.	1.2	25
83	Macromolecular prodrugs of ribavirin: towards a treatment for co-infection with HIV and HCV. <i>Chemical Science</i> , 2015, 6, 264-269.	3.7	25
84	Highly Active Macromolecular Prodrugs Inhibit Expression of the Hepatitis C Virus Genome in the Host Cells. <i>Advanced Healthcare Materials</i> , 2015, 4, 65-68.	3.9	25
85	Macromolecular Prodrugs of Ribavirin: Concerted Efforts of the Carrier and the Drug. <i>Advanced Healthcare Materials</i> , 2014, 3, 1404-1407.	3.9	24
86	Recent advances in macromolecular prodrugs. <i>Current Opinion in Colloid and Interface Science</i> , 2017, 31, 1-9.	3.4	24
87	Narrow Therapeutic Window of Ribavirin as an Inhibitor of Nitric Oxide Synthesis is Broadened by Macromolecular Prodrugs. <i>Biomacromolecules</i> , 2013, 14, 3916-3926.	2.6	23
88	Enzyme Prodrug Therapy Engineered into Biomaterials. <i>Advanced Functional Materials</i> , 2014, 24, 5202-5210.	7.8	23
89	Preparation, Singleâ€Molecule Manipulation, and Energy Transfer Investigation of a Polyfluoreneâ€i>graft</i>â€DNA polymer. <i>Chemistry - A European Journal</i> , 2017, 23, 10511-10515.	1.7	23
90	Broadâ€Spectrum Antiviral Agents Based on Multivalent Inhibitors of Viral Infectivity. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001433.	3.9	23

#	ARTICLE	IF	CITATIONS
91	Interpolyelectrolyte Reactions in Solutions of Polycarboxybetaines. Journal of Physical Chemistry B, 2003, 107, 7982-7986.	1.2	22
92	Conformation of Polyelectrolyte Chains in Dilute Aqueous Solutions Investigated by Conductometry. 4. Influence of Molecular Mass and Charge Density of the Chains on Conformation of Symmetrical Aliphatic Ionene Bromides. Journal of Physical Chemistry B, 2004, 108, 490-495.	1.2	22
93	Engineering Surface Adhered Poly(vinyl alcohol) Physical Hydrogels as Enzymatic Microreactors. ACS Applied Materials & Interfaces, 2012, 4, 4981-4990.	4.0	21
94	Substrate Mediated Enzyme Prodrug Therapy. PLoS ONE, 2012, 7, e49619.	1.1	21
95	Triple Activity of Lamivudine Releasing Sulfonated Polymers against HIV-1. Molecular Pharmaceutics, 2016, 13, 2397-2410.	2.3	20
96	Macromolecular Prodrugs for Controlled Delivery of Ribavirin. Macromolecular Bioscience, 2014, 14, 173-185.	2.1	19
97	Polymers Fight HIV: Potent (Pro)Drugs Identified Through Parallel Automated Synthesis. Advanced Healthcare Materials, 2015, 4, 46-50.	3.9	19
98	Micro-structured, spontaneously eroding hydrogels accelerate endothelialization through presentation of conjugated growth factors. Biomaterials, 2015, 49, 113-124.	5.7	19
99	Enzyme prodrug therapies and therapeutic enzymes. Advanced Drug Delivery Reviews, 2017, 118, 1.	6.6	19
100	Polyelectrolyte Complexes Formed by Calf Thymus DNA and Aliphatic Ionenes: Unexpected Change in Stability upon Variation of Chain Length of Ionenes of Different Charge Density. Macromolecular Bioscience, 2002, 2, 78-81.	2.1	18
101	Biocatalytic Polymer Coatings: On-Demand Drug Synthesis and Localized Therapeutic Effect under Dynamic Cell Culture Conditions. Small, 2014, 10, 1314-1324.	5.2	18
102	Phospholipid-polymer amphiphile hybrid assemblies and their interaction with macrophages. Biomicrofluidics, 2015, 9, 052610.	1.2	18
103	Combatting implant-associated biofilms through localized drug synthesis. Journal of Controlled Release, 2018, 287, 94-102.	4.8	17
104	Non-covalent hitchhiking on endogenous carriers as a protraction mechanism for antiviral macromolecular prodrugs. Journal of Controlled Release, 2019, 294, 298-310.	4.8	17
105	Characterization of the Growth of Polyelectrolyte Multilayers Formed at Interfaces between Aqueous Phases and Thermotropic Liquid Crystals. Langmuir, 2008, 24, 5534-5542.	1.6	16
106	Biocatalytic polymer thin films: optimization of the multilayered architecture towards in situ synthesis of anti-proliferative drugs. Nanoscale, 2014, 6, 4131.	2.8	16
107	Macromolecular (pro)drugs with concurrent direct activity against the hepatitis C virus and inflammation. Journal of Controlled Release, 2014, 196, 197-207.	4.8	16
108	HIV anti-latency treatment mediated by macromolecular prodrugs of histone deacetylase inhibitor, panobinostat. Chemical Science, 2016, 7, 2353-2358.	3.7	16

#	ARTICLE	IF	CITATIONS
109	Antifouling properties of layer by layer DNA coatings. <i>Biofouling</i> , 2019, 35, 75-88.	0.8	16
110	Poly(vinyl alcohol) Physical Hydrogel Nanoparticles, Not Polymer Solutions, Exert Inhibition of Nitric Oxide Synthesis in Cultured Macrophages. <i>Biomacromolecules</i> , 2013, 14, 1687-1695.	2.6	15
111	Long-Acting, Potent Delivery of Combination Antiretroviral Therapy. <i>ACS Macro Letters</i> , 2018, 7, 587-591.	2.3	15
112	Macromolecular Prodrugs of Ribavirin: Structure-Function Correlation as Inhibitors of Influenza Infectivity. <i>Molecular Pharmaceutics</i> , 2017, 14, 234-241.	2.3	14
113	Macromolecular prodrugs of ribavirin: Polymer backbone defines blood safety, drug release, and efficacy of anti-inflammatory effects. <i>Journal of Controlled Release</i> , 2018, 275, 53-66.	4.8	13
114	Chemical (neo)glycosylation of biological drugs. <i>Advanced Drug Delivery Reviews</i> , 2021, 171, 62-76.	6.6	12
115	Biodistribution of polymer hydrogel capsules for the delivery of therapeutics. <i>Acta Biomaterialia</i> , 2012, 8, 3251-3260.	4.1	11
116	Polyanionic Macromolecular Prodrugs of Ribavirin: Antiviral Agents with a Broad Spectrum of Activity. <i>Advanced Healthcare Materials</i> , 2016, 5, 534-540.	3.9	11
117	Bio-Enzymatic Embolization Beads for Two-armed Enzyme-Prodrug Therapy. <i>Advanced Therapeutics</i> , 2018, 1, 1800023.	1.6	11
118	Extended scaffold glucuronides: <i>in route</i> to the universal synthesis of <i>O</i> -aryl glucuronide prodrugs. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 6970-6974.	1.5	11
119	Nanozymes and Glucuronides: Glucuronidase, Esterase, and/or Transferase Activity. <i>Small</i> , 2020, 16, e2004280.	5.2	11
120	S-nitrosothiol-terminated poly(vinyl alcohol): Nitric oxide release and skin blood flow response. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 98, 41-49.	1.2	10
121	Conformation of Polyelectrolyte Chains in Dilute Aqueous Solutions Investigated by Conductometry, 2. Influence of Temperature, Chain Length and N-Alkyl Substituents on the Conformation of Exhaustively Alkylated Poly(N-alkyl-4-vinylpyridinium) Cations. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1368-1373.	1.1	8
122	Cholesterol Modification of (Bio)Polymers Using UV-Vis Traceable Chemistry in Aqueous Solutions. <i>Macromolecular Bioscience</i> , 2014, 14, 33-44.	2.1	8
123	Unique enzymatic repertoire reveals the tumour. <i>Nature Chemistry</i> , 2020, 12, 11-12.	6.6	8
124	Synthetic chemical ligands and cognate antibodies for biorthogonal drug targeting and cell engineering. <i>Advanced Drug Delivery Reviews</i> , 2021, 170, 281-293.	6.6	8
125	Macromolecular Viral Entry Inhibitors as Broad-Spectrum First-Line Antivirals with Activity against SARS-CoV-2. <i>Advanced Science</i> , 2022, 9, e2201378.	5.6	8
126	Innate glycosidic activity in metallic implants for localized synthesis of antibacterial drugs. <i>Chemical Communications</i> , 2019, 55, 443-446.	2.2	7

#	ARTICLE	IF	CITATIONS
127	Liposomal Templating, Association with Mammalian Cells, and Cytotoxicity of Poly(vinyl alcohol) Physical Hydrogel Nanoparticles. <i>Particle and Particle Systems Characterization</i> , 2013, 30, 514-522.	1.2	6
128	Tools of gene transfer applied to the intracellular delivery of non-nucleic acid polyanionic drugs. <i>Chemical Communications</i> , 2016, 52, 889-891.	2.2	6
129	Antimicrobial Activity of Cyclic-Monomeric and Dimeric Derivatives of the Snail-Derived Peptide Cm-p5 against Viral and Multidrug-Resistant Bacterial Strains. <i>Biomolecules</i> , 2021, 11, 745.	1.8	6
130	Conformation of Polyelectrolyte Chains in Dilute Aqueous Solutions Investigated by Conductometry, 1. Influence of the Degree of Polymerization on the Conformation of Flexible Vinylc Polyanions and Rigid Native DNA. <i>Macromolecular Chemistry and Physics</i> , 2001, 202, 1361-1367.	1.1	5
131	Amphiphile Polymer-Lipidkonjugate zur potenten lymphatischen Anreicherung von TLR7/8-Agonisten ermöglichen eine örtlich begrenzte Aktivierung des angeborenen Immunsystems. <i>Angewandte Chemie</i> , 2019, 131, 15535-15541.	1.6	5
132	Nucleic Acids as a Nature-Inspired Scaffold for Macromolecular Prodrugs of Nucleoside Analogues. <i>Advanced Science</i> , 2019, 6, 1802095.	5.6	5
133	Identification and Directed Development of Non-Organic Catalysts with Apparent Pan-Enzymatic Mimicry into Nanozymes for Efficient Prodrug Conversion. <i>Angewandte Chemie</i> , 2019, 131, 284-288.	1.6	5
134	Chemical Artificial Internalizing Receptors for Primary T Cells. <i>Advanced Science</i> , 2020, 7, 2001395.	5.6	5
135	Dimerization of the Peptide CXCR4-Antagonist on Macromolecular and Supramolecular Protraction Arms Affords Increased Potency and Enhanced Plasma Stability. <i>Bioconjugate Chemistry</i> , 2022, 33, 594-607.	1.8	5
136	Synthetic Polymer with a Structure-Driven Hepatic Deposition and Curative Pharmacological Activity in Hepatic Cells. <i>ACS Macro Letters</i> , 2017, 6, 935-940.	2.3	4
137	Synthetic Artificial Apoptosis-Inducing Receptor for On-Demand Deactivation of Engineered Cells. <i>Advanced Science</i> , 2021, 8, 2004432.	5.6	4
138	Conformation of Polyelectrolyte Chains in Dilute Aqueous Solutions Investigated by Conductometry, 3. Influence of Charge Density on the Conformation of Partly Alkylated Poly(N-ethyl-4-vinylpyridinium) Cations and Ionenes. <i>Macromolecular Chemistry and Physics</i> , 2002, 203, 837-844.	1.1	2
139	Drug Delivery: Surface-Adhered Composite Poly(Vinyl Alcohol) Physical Hydrogels: Polymersome-Aided Delivery of Therapeutic Small Molecules (Adv. Healthcare Mater. 6/2012). <i>Advanced Healthcare Materials</i> , 2012, 1, 790-790.	3.9	2
140	Molecular, Macromolecular, and Supramolecular Glucuronide Prodrugs: Lead Identified for Anticancer Prodrug Monotherapy. <i>Angewandte Chemie</i> , 2020, 132, 7460-7466.	1.6	2
141	Bioerodible Polypyrrole. <i>Materials Research Society Symposia Proceedings</i> , 2001, 711, 1.	0.1	1
142	Drug Delivery: Macromolecular Prodrugs of Ribavirin: Concerted Efforts of the Carrier and the Drug (Adv. Healthcare Mater. 9/2014). <i>Advanced Healthcare Materials</i> , 2014, 3, 1520-1520.	3.9	1
143	Hydrogels: Liposomal Templating, Association with Mammalian Cells, and Cytotoxicity of Poly(vinyl) Tj ETQq1 1 0.784314 rgBT /Overloc Systems Characterization, 2013, 30, 566-566.	1.2	0
144	Per-Glycosylation of the Surface-Accessible Lysines: One-Pot Aqueous Route to Stabilized Proteins with Native Activity. <i>ChemBioChem</i> , 2021, 22, 2478-2485.	1.3	0

#	ARTICLE	IF	CITATIONS
145	Encapsulation of Biomolecular Therapeutics into Degradable Polymer Capsules. , 2008, , .		0