JindÅich KopeÄek

List of Publications by Year
in descending order

243	18,609	12303	15683
papers	citations	69 h-index	125 g-index

248	248	248	15250
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nanomedicines in B cell-targeting therapies. Acta Biomaterialia, 2022, 137, 1-19.	4.1	9
2	Dendronized polymer conjugates with amplified immunogenic cell death for oncolytic immunotherapy. Journal of Controlled Release, 2021, 329, 1129-1138.	4.8	10
3	Combination treatment with immunogenic and anti-PD-L1 polymer-drug conjugates of advanced tumors in a transgenic MMTV-PyMT mouse model of breast cancer. Journal of Controlled Release, 2021, 332, 652-659.	4.8	7
4	Crosslinking of CD38 Receptors Triggers Apoptosis of Malignant B Cells. Molecules, 2021, 26, 4658.	1.7	9
5	Multivalent HER2-binding polymer conjugates facilitate rapid endocytosis and enhance intracellular drug delivery. Journal of Controlled Release, 2020, 319, 285-299.	4.8	27
6	Polymer nanomedicines. Advanced Drug Delivery Reviews, 2020, 156, 40-64.	6.6	66
7	Exploration and Evaluation of Therapeutic Efficacy of Drugâ€Free Macromolecular Therapeutics in Collagenâ€Induced Rheumatoid Arthritis Mouse Model. Macromolecular Bioscience, 2020, 20, 1900445.	2.1	5
8	Inhibition of Immunosuppressive Tumors by Polymerâ€Assisted Inductions of Immunogenic Cell Death and Multivalent PDâ€L1 Crosslinking. Advanced Functional Materials, 2020, 30, 1908961.	7.8	64
9	Broadening and Enhancing Functions of Antibodies by Self-Assembling Multimerization at Cell Surface. ACS Nano, 2019, 13, 11422-11432.	7.3	24
10	Drug-free macromolecular therapeutics exhibit amplified apoptosis in G2/M phase arrested cells. Journal of Drug Targeting, 2019, 27, 566-572.	2.1	6
11	Drug-free albumin-triggered sensitization of cancer cells to anticancer drugs. Journal of Controlled Release, 2019, 293, 84-93.	4.8	17
12	Drug-free macromolecular therapeutics induce apoptosis in cells isolated from patients with B cell malignancies with enhanced apoptosis induction by pretreatment with gemcitabine. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 16, 217-225.	1.7	14
13	Biorecognition: A key to drug-free macromolecular therapeutics. Biomaterials, 2019, 190-191, 11-23.	5.7	35
14	Amplification of CD20 Cross-Linking in Rituximab-Resistant B-Lymphoma Cells Enhances Apoptosis Induction by Drug-Free Macromolecular Therapeutics. ACS Nano, 2018, 12, 3658-3670.	7.3	40
15	Drugâ€Free Macromolecular Therapeutics Induce Apoptosis via Calcium Influx and Mitochondrial Signaling Pathway. Macromolecular Bioscience, 2018, 18, 1700196.	2.1	33
16	Human Serum Albuminâ€Based Drugâ€Free Macromolecular Therapeutics: Apoptosis Induction by Coiledâ€Coilâ€Mediated Crossâ€Linking of CD20 Antigens on Lymphoma B Cell Surface. Macromolecular Bioscience, 2018, 18, e1800224.	2.1	16
17	FRET Imaging of Enzymeâ€Responsive HPMA Copolymer Conjugate. Macromolecular Bioscience, 2017, 17, 1600125.	2.1	15
18	Backbone Degradable N-(2-Hydroxypropyl)methacrylamide Copolymer Conjugates with Gemcitabine and Paclitaxel: Impact of Molecular Weight on Activity toward Human Ovarian Carcinoma Xenografts. Molecular Pharmaceutics, 2017, 14, 1384-1394.	2.3	36

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19	Healing efficacy of fracture-targeted GSK3Î² inhibitor-loaded micelles for improved fracture repair. Nanomedicine, 2017, 12, 185-193.	1.7	11
20	A new construct of antibody-drug conjugates for treatment of B-cell non-Hodgkin's lymphomas. European Journal of Pharmaceutical Sciences, 2017, 103, 36-46.	1.9	25
21	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	7.3	976
22	Drug-free macromolecular therapeutics: Impact of structure on induction of apoptosis in Raji B cells. Journal of Controlled Release, 2017, 263, 139-150.	4.8	19
23	The light at the end of the tunnelâ€"second generation HPMA conjugates for cancer treatment. Current Opinion in Colloid and Interface Science, 2017, 31, 30-42.	3.4	60
24	Nâ€(2â€Hydroxypropyl)methacrylamide Copolymerâ€"Drug Conjugates for Combination Chemotherapy of Acute Myeloid Leukemia. Macromolecular Bioscience, 2016, 16, 121-128.	2.1	12
25	Indium-based and iodine-based labeling of HPMA copolymerâ€"epirubicin conjugates: Impact of structure on the in vivo fate. Journal of Controlled Release, 2016, 235, 306-318.	4.8	12
26	Tracking and quantifying polymer therapeutic distribution on a cellular level using 3D dSTORM. Journal of Controlled Release, 2016, 231, 50-59.	4.8	10
27	Smart Polymer-Based Nanomedicines. , 2016, , 373-413.		4
28	Design of smart HPMA copolymer-based nanomedicines. Journal of Controlled Release, 2016, 240, 9-23.	4.8	51
29	Design and synthesis of FRET-trackable HPMA-based biodegradable conjugates for drug/gene delivery. Journal of Controlled Release, 2015, 213, e58.	4.8	0
30	Superâ€Resolution Imaging and Quantitative Analysis of Membrane Protein/Lipid Raft Clustering Mediated by Cellâ€Surface Selfâ€Assembly of Hybrid Nanoconjugates. ChemBioChem, 2015, 16, 1725-1729.	1.3	31
31	Enhancing Accumulation and Penetration of HPMA Copolymerâ€"Doxorubicin Conjugates in 2D and 3D Prostate Cancer Cells via iRGD Conjugation with an MMP-2 Cleavable Spacer. Journal of the American Chemical Society, 2015, 137, 6726-6729.	6.6	140
32	A Two-Step Pretargeted Nanotherapy for CD20 Crosslinking May Achieve Superior Anti-Lymphoma Efficacy to Rituximab. Theranostics, 2015, 5, 834-846.	4.6	41
33	Drug-free macromolecular therapeutics â€" a new paradigm in polymeric nanomedicines. Biomaterials Science, 2015, 3, 908-922.	2.6	50
34	Multimodality Imaging of Coiledâ€Coil Mediated Selfâ€Assembly in a â€œDrugâ€Freeâ€•Therapeutic System. Advanced Healthcare Materials, 2015, 4, 1054-1065.	3.9	27
35	Polymeric biomaterials and nanomedicines. Journal of Drug Delivery Science and Technology, 2015, 30, 318-330.	1.4	17
36	FRET-trackable biodegradable HPMA copolymer-epirubicin conjugates for ovarian carcinoma therapy. Journal of Controlled Release, 2015, 218, 36-44.	4.8	52

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37	Hybrid polymeric hydrogels via peptide nucleic acid (PNA)/DNA complexation. Journal of Controlled Release, 2015, 220, 608-616.	4.8	38
38	Biodistribution of Fracture-Targeted GSK3Î² Inhibitor-Loaded Micelles for Improved Fracture Healing. Biomacromolecules, 2015, 16, 3145-3153.	2.6	23
39	Combination therapy of prostate cancer with HPMA copolymer conjugates containing PI3K/mTOR inhibitor and docetaxel. European Journal of Pharmaceutics and Biopharmaceutics, 2015, 89, 107-115.	2.0	26
40	Drug-free macromolecular therapeutics induce apoptosis of patient chronic lymphocytic leukemia cells. Drug Delivery and Translational Research, 2014, 4, 389-394.	3.0	22
41	HPMA Copolymer CXCR4 Antagonist Conjugates Substantially Inhibited the Migration of Prostate Cancer Cells. ACS Macro Letters, 2014, 3, 1240-1243.	2.3	16
42	Interview with Professor JindÅ™ich KopeÄek. Nanomedicine, 2014, 9, 577-579.	1.7	0
43	Polymeric Drugs. , 2014, , 1-9.		0
44	Synthesis and activity of tumor-homing peptide iRGD and histone deacetylase inhibitor valproic acid conjugate. Bioorganic and Medicinal Chemistry Letters, 2014, 24, 1928-1933.	1.0	13
45	Immunogenicity of coiled-coil based drug-free macromolecular therapeutics. Biomaterials, 2014, 35, 5886-5896.	5.7	21
46	Macromolecular therapeutics. Journal of Controlled Release, 2014, 190, 288-303.	4.8	66
47	Bone-Targeted Acid-Sensitive Doxorubicin Conjugate Micelles as Potential Osteosarcoma Therapeutics. Bioconjugate Chemistry, 2014, 25, 2012-2020.	1.8	45
48	Cell Surface Self-Assembly of Hybrid Nanoconjugates via Oligonucleotide Hybridization Induces Apoptosis. ACS Nano, 2014, 8, 719-730.	7.3	70
49	Sequential combination therapy of ovarian cancer with degradable N -(2-hydroxypropyl)methacrylamide copolymer paclitaxel and gemcitabine conjugates. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 12181-12186.	3.3	119
50	Combination cytotoxicity of backbone degradable HPMA copolymer gemcitabine and platinum conjugates toward human ovarian carcinoma cells. European Journal of Pharmaceutics and Biopharmaceutics, 2014, 87, 187-196.	2.0	48
51	Cancer Stem Cells: Potential Target For Anti-Cancer Nanomedicines. ACS Symposium Series, 2013, , 127-149.	0.5	2
52	Synthesis and evaluation of a backbone biodegradable multiblock HPMA copolymer nanocarrier for the systemic delivery of paclitaxel. Journal of Controlled Release, 2013, 166, 66-74.	4.8	99
53	Biodegradable multiblock poly(N-2-hydroxypropyl)methacrylamide gemcitabine and paclitaxel conjugates for ovarian cancer cell combination treatment. International Journal of Pharmaceutics, 2013, 454, 435-443.	2.6	48
54	HPMA copolymer-based combination therapy toxic to both prostate cancer stem/progenitor cells and differentiated cells induces durable anti-tumor effects. Journal of Controlled Release, 2013, 172, 946-953.	4.8	50

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55	Spacer length impacts the efficacy of targeted docetaxel conjugates in prostate-specific membrane antigen expressing prostate cancer. Journal of Drug Targeting, 2013, 21, 968-980.	2.1	23
56	Polymerâ€“drug conjugates: Origins, progress to date and future directions. Advanced Drug Delivery Reviews, 2013, 65, 49-59.	6.6	321
57	Efficiency of high molecular weight backbone degradable HPMA copolymerâ€“Prostaglandin E1 conjugate in promotion of bone formation in ovariectomized rats. Biomaterials, 2013, 34, 6528-6538.	5.7	41
58	Biological rationale for the design of polymeric anti-cancer nanomedicines. Journal of Drug Targeting, 2013, 21, 1-26.	2.1	63
59	Synthesis of Longâ€Circulating, Backbone Degradable HPMA Copolymerâ€“Doxorubicin Conjugates and Evaluation of Molecularâ€Weightâ€Dependent Antitumor Efficacy. Macromolecular Bioscience, 2013, 13, 155-160.	2.1	54
60	Biological Activity of Anti-CD20 Multivalent HPMA Copolymer-Fabâ€™ Conjugates. Biomacromolecules, 2012, 13, 727-735.	2.6	37
61	Anti-CD20 multivalent HPMA copolymer-Fabâ€² conjugates for the direct induction of apoptosis. Biomaterials, 2012, 33, 7174-7181.	5.7	51
62	Targeting polymer therapeutics to bone. Advanced Drug Delivery Reviews, 2012, 64, 1189-1204.	6.6	128
63	Targeting of Multidrugâ€Resistant Human Ovarian Carcinoma Cells With Antiâ€Pâ€Glycoprotein Antibody Conjugates. Macromolecular Bioscience, 2012, 12, 502-514.	2.1	15
64	Smart Selfâ€Assembled Hybrid Hydrogel Biomaterials. Angewandte Chemie - International Edition, 2012, 51, 7396-7417.	7.2	276
65	Hyaluronan Oligomers-HPMA Copolymer Conjugates for Targeting Paclitaxel to CD44-Overexpressing Ovarian Carcinoma. Pharmaceutical Research, 2012, 29, 1121-1133.	1.7	58
66	Selective inhibitory effect of HPMA copolymer-cyclopamine conjugate on prostate cancer stem cells. Biomaterials, 2012, 33, 1863-1872.	5.7	61
67	Coiled-coil based drug-free macromolecular therapeutics: In vivo efficacy. Journal of Controlled Release, 2012, 157, 126-131.	4.8	71
68	Prostateâ€Cancerâ€Targeted Nâ€(2â€Hydroxypropyl)methacrylamide Copolymer/Docetaxel Conjugates. Macromolecular Bioscience, 2012, 12, 412-422.	2.1	11
69	Backbone Degradable Multiblock N-(2-Hydroxypropyl)methacrylamide Copolymer Conjugates via Reversible Additionâ^'Fragmentation Chain Transfer Polymerization and Thiolâ^'ene Coupling Reaction. Biomacromolecules, 2011, 12, 247-252.	2.6	88
70	Biodegradable Multiblock Poly[N-(2-hydroxypropyl)methacrylamide] via Reversible Additionâ^'Fragmentation Chain Transfer Polymerization and Click Chemistry. Macromolecules, 2011, 44, 2481-2488.	2.2	127
71	Enhanced anti-tumor activity and safety profile of targeted nano-scaled HPMA copolymer-alendronate-TNP-470 conjugate in the treatment of bone malignances. Biomaterials, 2011, 32, 4450-4463.	5.7	79
72	Synthesis of biodegradable multiblock copolymers by click coupling of RAFT-generated heterotelechelic polyHPMA conjugates. Reactive and Functional Polymers, 2011, 71, 294-302.	2.0	105

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73	Synthesis and Characterization of Poly(Îµâ€caprolactone)â€blockâ€poly[Nâ€(2â€hydroxypropyl)methacrylamide] Micelles for Drug Delivery. Macromolecular Bioscience, 2011, 11, 1041-1051.	2.1	33
74	Hybrid hydrogels self-assembled from graft copolymers containing complementary Î²-sheets as hydroxyapatite nucleation scaffolds. Biomaterials, 2011, 32, 5341-5353.	5.7	51
75	HPMA copolymers: Origins, early developments, present, and futureâ˜†. Advanced Drug Delivery Reviews, 2010, 62, 122-149.	6.6	527
76	Endocytic uptake of a large array of HPMA copolymers: Elucidation into the dependence on the physicochemical characteristics. Journal of Controlled Release, 2010, 143, 71-79.	4.8	57
77	Drugâ€Free Macromolecular Therapeutics: Induction of Apoptosis by Coiledâ€Coilâ€Mediated Crossâ€Linking of Antigens on the Cell Surface. Angewandte Chemie - International Edition, 2010, 49, 1451-1455.	7.2	105
78	Synthesis and Characterization of Enzymatically Degradable PEGâ€Based Peptideâ€Containing Hydrogels. Macromolecular Bioscience, 2010, 10, 445-454.	2.1	43
79	Biomaterials and Drug Delivery: Past, Present, and Future. Molecular Pharmaceutics, 2010, 7, 922-925.	2.3	39
80	Selfâ€Assembling Diblock Copolymers of Poly[Nâ€(2â€hydroxypropyl)methacrylamide] and a Î²â€Sheet Peptide. Macromolecular Bioscience, 2009, 9, 36-44.	2.1	36
81	Antitumor Efficacy of Colonâ€Specific HPMA Copolymer/9â€Aminocamptothecin Conjugates in Mice Bearing Humanâ€Colon Carcinoma Xenografts. Macromolecular Bioscience, 2009, 9, 1135-1142.	2.1	13
82	Hydrogels: From soft contact lenses and implants to selfâ€assembled nanomaterials. Journal of Polymer Science Part A, 2009, 47, 5929-5946.	2.5	336
83	Peptide-directed self-assembly of hydrogels. Acta Biomaterialia, 2009, 5, 805-816.	4.1	201
84	Biorecognition and Subcellular Trafficking of HPMA Copolymerâˆ'Anti-PSMA Antibody Conjugates by Prostate Cancer Cells. Molecular Pharmaceutics, 2009, 6, 959-970.	2.3	68
85	Self-Assembled Hydrogels from Poly[N-(2-hydroxypropyl)methacrylamide] Grafted with Î²-Sheet Peptides. Biomacromolecules, 2009, 10, 2319-2327.	2.6	33
86	Intracellular Trafficking and Subcellular Distribution of a Large Array of HPMA Copolymers. Biomacromolecules, 2009, 10, 1704-1714.	2.6	36
87	Synthesis and Evaluation of Multivalent Branched HPMA Copolymerâˆ'Fabâ€² Conjugates Targeted to the B-Cell Antigen CD20. Bioconjugate Chemistry, 2009, 20, 129-137.	1.8	49
88	Stimuli-Responsive Properties of Peptide-Based Copolymers Studied via Directional Growth of Self-Assembled Patterns on Solid Substrate. Biomacromolecules, 2009, 10, 1955-1961.	2.6	14
89	Coiled-Coil Hydrogels: Effect of Grafted Copolymer Composition and Cyclization on Gelation. Macromolecules, 2009, 42, 2265-2274.	2.2	16
90	Targeting Angiogenesis-Dependent Calcified Neoplasms Using Combined Polymer Therapeutics. PLoS ONE, 2009, 4, e5233.	1.1	105

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91	Genetically Engineered Block Copolymers: Influence of the Length and Structure of the Coiled-Coil Blocks on Hydrogel Self-Assembly. Pharmaceutical Research, 2008, 25, 674-682.	1.7	65
92	Pharmacokinetic Modeling of Absorption Behavior of 9-Aminocamptothecin (9-AC) Released from Colon-specific HPMA Copolymerâ€“9-AC Conjugate in Rats. Pharmaceutical Research, 2008, 25, 218-226.	1.7	16
93	Novel Synthesis of HPMA Copolymers Containing Peptide Grafts and Their Selfâ€Assembly Into Hybrid Hydrogels. Macromolecular Chemistry and Physics, 2008, 209, 467-475.	1.1	22
94	Synthesis and Biological Evaluation of Disulfideâ€Linked HPMA Copolymerâ€Mesochlorin e₆ Conjugates. Macromolecular Bioscience, 2008, 8, 375-383.	2.1	35
95	Release of Prostaglandin E₁ from Nâ€(2â€Hydroxypropyl)methacrylamide Copolymer Conjugates by Bone Cells. Macromolecular Bioscience, 2008, 8, 599-605.	2.1	23
96	Multifunctional Water-Soluble Polymers for Drug Delivery. Fundamental Biomedical Technologies, 2008, , 81-142.	0.2	9
97	Biodistribution and Pharmacokinetic Studies of Bone-Targeting N-(2-Hydroxypropyl)methacrylamide Copolymerâ^Alendronate Conjugates. Molecular Pharmaceutics, 2008, 5, 548-558.	2.3	96
98	Smart Hydrogels Containing Adenylate Kinase: Translating Substrate Recognition into Macroscopic Motion. Journal of the American Chemical Society, 2008, 130, 15760-15761.	6.6	101
99	Dynamic Light Scattering Study of Self-Assembly of HPMA Hybrid Graft Copolymers. Biomacromolecules, 2008, 9, 510-517.	2.6	47
100	Combination Chemotherapy and Photodynamic Therapy with Fabâ€² Fragment Targeted HPMA Copolymer Conjugates in Human Ovarian Carcinoma Cells. Molecular Pharmaceutics, 2008, 5, 696-709.	2.3	59
101	Novel HPMA Copolymer-Bound Constructs for Combined Tumor and Mitochondrial Targeting. Molecular Pharmaceutics, 2008, 5, 776-786.	2.3	53
102	Self-association properties of HPMA copolymers containing an amphipathic heptapeptide. Journal of Drug Targeting, 2007, 15, 465-474.	2.1	26
103	Osteotropic Peptide That Differentiates Functional Domains of the Skeleton. Bioconjugate Chemistry, 2007, 18, 1375-1378.	1.8	98
104	Hydrogels as smart biomaterials. Polymer International, 2007, 56, 1078-1098.	1.6	381
105	Biodistribution and pharmacokinetics of colon-specific HPMA copolymerâ€“9-aminocamptothecin conjugate in mice. Journal of Controlled Release, 2007, 117, 179-185.	4.8	32
106	Self-Assembling Hydrogels. Polymer Bulletin, 2007, 58, 53-63.	1.7	45
107	Stability in Plasmas of Various Species of HPMA Copolymerâ€“PGE1 Conjugates. Pharmaceutical Research, 2007, 24, 2270-2280.	1.7	22
108	Hydrogel biomaterials: A smart future?. Biomaterials, 2007, 28, 5185-5192.	5.7	850

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109	Semitelechelic HPMA Copolymers Functionalized with Triphenylphosphonium as Drug Carriers for Membrane Transduction and Mitochondrial Localization. Biomacromolecules, 2006, 7, 2347-2356.	2.6	61
110	Refolding Hydrogels Self-Assembled fromN-(2-Hydroxypropyl)methacrylamide Graft Copolymers by Antiparallel Coiled-Coil Formation. Biomacromolecules, 2006, 7, 1187-1195.	2.6	145
111	Identification of CD21-Binding Peptides with Phage Display and Investigation of Binding Properties of HPMA Copolymerâ^'Peptide Conjugates. Bioconjugate Chemistry, 2006, 17, 514-523.	1.8	31
112	HPMA Copolymer-Bound Doxorubicin Induces Apoptosis in Ovarian Carcinoma Cells by the Disruption of Mitochondrial Function. Molecular Pharmaceutics, 2006, 3, 351-361.	2.3	43
113	Two-Step Fluorescence Screening of CD21-Binding Peptides with One-Bead One-Compound Library and Investigation of Binding Properties ofN-(2-Hydroxypropyl)methacrylamide Copolymerâ^'Peptide Conjugates. Biomacromolecules, 2006, 7, 3037-3046.	2.6	27
114	Pharmacokinetic and Biodistribution Studies of a Bone-Targeting Drug Delivery System Based onN-(2-Hydroxypropyl)methacrylamide Copolymers. Molecular Pharmaceutics, 2006, 3, 717-725.	2.3	84
115	Water-soluble HPMA copolymerâ€"prostaglandin E1conjugates containing a cathepsin K sensitive spacer. Journal of Drug Targeting, 2006, 14, 425-435.	2.1	49
116	Synthesis and characterization of novel aromatic azo bond-containing pH-sensitive and hydrolytically cleavable IPN hydrogels. Biomaterials, 2006, 27, 1140-1151.	5.7	54
117	Colon-specific 9-aminocamptothecin-HPMA copolymer conjugates containing a 1,6-elimination spacer. Journal of Controlled Release, 2006, 110, 323-331.	4.8	63
118	Hybrid Hydrogels Self-Assembled from HPMA Copolymers Containing Peptide Grafts. Macromolecular Bioscience, 2006, 6, 201-209.	2.1	74
119	Intracellular targeting of polymer-bound drugs for cancer chemotherapy. Advanced Drug Delivery Reviews, 2005, 57, 609-636.	6.6	289
120	Bone-targeting macromolecular therapeutics. Advanced Drug Delivery Reviews, 2005, 57, 1049-1076.	6.6	178
121	PEGylation of Poly(ethylene imine) Affects Stability of Complexes with Plasmid DNA under in Vivo Conditions in a Dose-Dependent Manner after Intravenous Injection into Mice. Bioconjugate Chemistry, 2005, 16, 785-792.	1.8	232
122	Reversible Hydrogels from Self-Assembling Genetically Engineered Protein Block Copolymers. Biomacromolecules, 2005, 6, 1739-1749.	2.6	151
123	The Arthrotropism of Macromolecules in Adjuvant-Induced Arthritis Rat Model: A Preliminary Study. Pharmaceutical Research, 2004, 21, 1741-1749.	1.7	58
124	HPMA Copolymer-Bound Doxorubicin Induces Apoptosis in Human Ovarian Carcinoma Cells by a Fas-Independent Pathway. Molecular Pharmaceutics, 2004, 1, 174-182.	2.3	23
125	Correlation of subcellular compartmentalization of HPMA copolymer-Mce6 conjugates with chemotherapeutic activity in human ovarian carcinoma cells. Pharmaceutical Research, 2003, 20, 728-737.	1.7	31
126	Binding and cytotoxicity of HPMA copolymer conjugates to lymphocytes mediated by receptor-binding epitopes. Pharmaceutical Research, 2003, 20, 360-367.	1.7	42

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127	Smart and genetically engineered biomaterials and drug delivery systems. European Journal of Pharmaceutical Sciences, 2003, 20, 1-16.	1.9	252
128	Cytoplasmic delivery and nuclear targeting of synthetic macromolecules. Journal of Controlled Release, 2003, 87, 89-105.	4.8	118
129	Antigen Responsive Hydrogels Based on Polymerizable Antibody Fabâ€² Fragment. Macromolecular Bioscience, 2003, 3, 296-300.	2.1	109
130	Synthesis and Evaluation of Water-Soluble Polymeric Bone-Targeted Drug Delivery Systems. Bioconjugate Chemistry, 2003, 14, 853-859.	1.8	143
131	Pegylated Polyethyleniminеâ€'Fabâ€˜ Antibody Fragment Conjugates for Targeted Gene Delivery to Human Ovarian Carcinoma Cells. Bioconjugate Chemistry, 2003, 14, 989-996.	1.8	142
132	Swelling Pressure Induced Phase-Volume Transition in Hybrid Biopolymer Gels Caused by Unfolding of Folded Crosslinks:Â A Model. Biomacromolecules, 2003, 4, 1818-1826.	2.6	15
133	Tat-Conjugated Synthetic Macromolecules Facilitate Cytoplasmic Drug Delivery To Human Ovarian Carcinoma Cells. Bioconjugate Chemistry, 2003, 14, 44-50.	1.8	131
134	Mechanisms of Cytotoxicity in Human Ovarian Carcinoma Cells Exposed to Free Mce6 or HPMA Copolymerâ€“Mce6 ConjugatesÂ¶. Photochemistry and Photobiology, 2003, 77, 645.	1.3	21
135	Free and N-(2-hydroxypropyl)methacrylamide copolymer-bound geldanamycin derivative induce different stress responses in A2780 human ovarian carcinoma cells. Cancer Research, 2003, 63, 7876-82.	0.4	40
136	N-(2-Hydroxypropyl)methacrylamide Copolymer-9-Aminocamptothecin Conjugate: Colon-Specific Drug Delivery in Rats. Journal of Bioactive and Compatible Polymers, 2002, 17, 305-319.	0.8	15
137	Presentation of Epitopes on Genetically Engineered Peptides and Selection of Lymphoma-Targeting Moieties Based on Epitope Biorecognition. Biomacromolecules, 2002, 3, 421-431.	2.6	12
138	Antisense Oligonucleotides Delivered to the Lysosome Escape and Actively Inhibit the Hepatitis B Virus. Bioconjugate Chemistry, 2002, 13, 975-984.	1.8	29
139	Novel Aromatic Azo-Containing pH-Sensitive Hydrogels:â€‰ Synthesis and Characterization. Macromolecules, 2002, 35, 7791-7803.	2.2	37
140	Inhibition of Cathepsin K with Lysosomotropic Macromolecular Inhibitors. Biochemistry, 2002, 41, 8849-8859.	1.2	43
141	Design of novel bioconjugates for targeted drug delivery. Journal of Controlled Release, 2002, 78, 165-173.	4.8	99
142	Prospects for cationic polymers in gene and oligonucleotide therapy against cancer. Advanced Drug Delivery Reviews, 2002, 54, 715-758.	6.6	754
143	Associative diblock copolymers of poly(ethylene glycol) and coiled-coil peptides. Macromolecular Bioscience, 2002, 2, 199.	2.1	102
144	The Influence of Fusion Sequences on the Thermal Stabilities of Coiled-Coil Proteins. Macromolecular Bioscience, 2002, 2, 395-401.	2.1	18

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145	Poly[N -(2-hydroxypropyl)methacrylamide- block - n -butyl acrylate] micelles in water/DMF mixed solvents. Polymer, 2002, 43, 3735-3741.	1.8	50
146	Swell gels. Nature, 2002, 417, 389-391.	13.7	176
147	Intracellular processing of poly(ethylene imine)/ribozyme complexes can be observed in living cells by using confocal laser scanning microscopy and inhibitor experiments. Pharmaceutical Research, 2002, 19, 140-146.	1.7	140
148	Influence of the structure of drug moieties on the in vitro efficacy of HPMA copolymer-geldanamycin derivative conjugates. Pharmaceutical Research, 2002, 19, 115-123.	1.7	29
149	Targeted delivery of doxorubicin by HPMA copolymer-hyaluronan bioconjugates. Pharmaceutical Research, 2002, 19, 396-402.	1.7	156
150	The role of galactose, lactose, and galactose valency in the biorecognition of N-(2-hydroxypropyl)methacrylamide copolymers by human colon adenocarcinoma cells. Pharmaceutical Research, 2002, 19, 1114-1122.	1.7	44
151	The cytoplasmic escape and nuclear accumulation of endocytosed and microinjected HPMA copolymers and a basic kinetic study in hep G2 cells. AAPS PharmSci, 2001, 3, 62-75.	1.3	19
152	Enhanced Biorecognition and Internalization of HPMA Copolymers Containing Multiple or Multivalent Carbohydrate Side-Chains by Human Hepatocarcinoma Cells. Bioconjugate Chemistry, 2001, 12, 890-899.	1.8	73
153	De novo design of biomedical polymers: hybrids from synthetic macromolecules and genetically engineered protein domains. Macromolecular Symposia, 2001, 174, 31-42.	0.4	27
154	Mechanisms of anticancer action of HPMA copolymer-bound doxorubicin. Macromolecular Symposia, 2001, 172, 35-48.	0.4	13
155	A model for swelling changes in a covalently crosslinked gel caused by unfolding of folded domains. Polymer Bulletin, 2001, 47, 351-358.	1.7	8
156	Improved synthesis and evaluation of 17-substituted aminoalkylgeldanamycin derivatives applicable to drug delivery systems. Bioorganic and Medicinal Chemistry Letters, 2001, 11, 2089-2091.	1.0	26
157	Preliminary evaluation of caspases-dependent apoptosis signaling pathways of free and HPMA copolymer-bound doxorubicin in human ovarian carcinoma cells. Journal of Controlled Release, 2001, 71, 227-237.	4.8	66
158	The coiled coils in the design of protein-based constructs: hybrid hydrogels and epitope displays. Journal of Controlled Release, 2001, 72, 57-70.	4.8	50
159	Biorecognizable HPMA copolymerâ€“drug conjugates for colon-specific delivery of 9-aminocamptothecin. Journal of Controlled Release, 2001, 75, 365-379.	4.8	76
160	Responsive Hybrid Hydrogels with Volume Transitions Modulated by a Titin Immunoglobulin Module. Bioconjugate Chemistry, 2000, 11, 734-740.	1.8	44
161	Efficacy of the chemotherapeutic action of HPMA copolymer-bound doxorubicin in a solid tumor model of ovarian carcinoma. , 2000, 86, 108-117.		172
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