

Jindrich Kopecek

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

244
papers

16,268
citations

68
h-index

117
g-index

248
ext. papers

17,223
ext. citations

8.6
avg, IF

6.99
L-index

#	Paper	IF	Citations
244	Nanomedicines in B cell-targeting therapies. <i>Acta Biomaterialia</i> , 2021 , 137, 1-1	10.8	1
243	Combination treatment with immunogenic and anti-PD-L1 polymer-drug conjugates of advanced tumors in a transgenic MMTV-PyMT mouse model of breast cancer. <i>Journal of Controlled Release</i> , 2021 , 332, 652-659	11.7	1
242	Dendronized polymer conjugates with amplified immunogenic cell death for oncolytic immunotherapy. <i>Journal of Controlled Release</i> , 2021 , 329, 1129-1138	11.7	4
241	Crosslinking of CD38 Receptors Triggers Apoptosis of Malignant B Cells. <i>Molecules</i> , 2021 , 26,	4.8	2
240	Exploration and Evaluation of Therapeutic Efficacy of Drug-Free Macromolecular Therapeutics in Collagen-Induced Rheumatoid Arthritis Mouse Model. <i>Macromolecular Bioscience</i> , 2020 , 20, e1900445	5.5	4
239	Inhibition of Immunosuppressive Tumors by Polymer-Assisted Inductions of Immunogenic Cell Death and Multivalent PD-L1 Crosslinking. <i>Advanced Functional Materials</i> , 2020 , 30, 1908961	15.6	37
238	Multivalent HER2-binding polymer conjugates facilitate rapid endocytosis and enhance intracellular drug delivery. <i>Journal of Controlled Release</i> , 2020 , 319, 285-299	11.7	16
237	Polymer nanomedicines. <i>Advanced Drug Delivery Reviews</i> , 2020 , 156, 40-64	18.5	25
236	Broadening and Enhancing Functions of Antibodies by Self-Assembling Multimerization at Cell Surface. <i>ACS Nano</i> , 2019 , 13, 11422-11432	16.7	14
235	Drug-free macromolecular therapeutics exhibit amplified apoptosis in G2/M phase arrested cells. <i>Journal of Drug Targeting</i> , 2019 , 27, 566-572	5.4	6
234	Drug-free albumin-triggered sensitization of cancer cells to anticancer drugs. <i>Journal of Controlled Release</i> , 2019 , 293, 84-93	11.7	14
233	Drug-free macromolecular therapeutics induce apoptosis in cells isolated from patients with B cell malignancies with enhanced apoptosis induction by pretreatment with gemcitabine. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 16, 217-225	6	10
232	Biorecognition: A key to drug-free macromolecular therapeutics. <i>Biomaterials</i> , 2019 , 190-191, 11-23	15.6	25
231	Amplification of CD20 Cross-Linking in Rituximab-Resistant B-Lymphoma Cells Enhances Apoptosis Induction by Drug-Free Macromolecular Therapeutics. <i>ACS Nano</i> , 2018 , 12, 3658-3670	16.7	32
230	Drug-Free Macromolecular Therapeutics Induce Apoptosis via Calcium Influx and Mitochondrial Signaling Pathway. <i>Macromolecular Bioscience</i> , 2018 , 18, 1700196	5.5	26
229	Human Serum Albumin-Based Drug-Free Macromolecular Therapeutics: Apoptosis Induction by Coiled-Coil-Mediated Cross-Linking of CD20 Antigens on Lymphoma B Cell Surface. <i>Macromolecular Bioscience</i> , 2018 , 18, e1800224	5.5	11
228	FRET Imaging of Enzyme-Responsive HPMA Copolymer Conjugate. <i>Macromolecular Bioscience</i> , 2017 , 17, 1600125	5.5	13

227	Backbone Degradable N-(2-Hydroxypropyl)methacrylamide Copolymer Conjugates with Gemcitabine and Paclitaxel: Impact of Molecular Weight on Activity toward Human Ovarian Carcinoma Xenografts. <i>Molecular Pharmaceutics</i> , 2017 , 14, 1384-1394	5.6	24
226	Healing efficacy of fracture-targeted GSK3 β inhibitor-loaded micelles for improved fracture repair. <i>Nanomedicine</i> , 2017 , 12, 185-193	5.6	9
225	A new construct of antibody-drug conjugates for treatment of B-cell non-Hodgkin's lymphomas. <i>European Journal of Pharmaceutical Sciences</i> , 2017 , 103, 36-46	5.1	21
224	Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017 , 11, 2313-2381	16.7	714
223	Drug-free macromolecular therapeutics: Impact of structure on induction of apoptosis in Raji B cells. <i>Journal of Controlled Release</i> , 2017 , 263, 139-150	11.7	15
222	The Light at the End of the Tunnel-Second Generation HPMA Conjugates for Cancer Treatment. <i>Current Opinion in Colloid and Interface Science</i> , 2017 , 31, 30-42	7.6	41
221	Design of smart HPMA copolymer-based nanomedicines. <i>Journal of Controlled Release</i> , 2016 , 240, 9-23	11.7	43
220	Indium-based and iodine-based labeling of HPMA copolymer-epirubicin conjugates: Impact of structure on the in vivo fate. <i>Journal of Controlled Release</i> , 2016 , 235, 306-318	11.7	10
219	Tracking and quantifying polymer therapeutic distribution on a cellular level using 3D dSTORM. <i>Journal of Controlled Release</i> , 2016 , 231, 50-9	11.7	9
218	Smart Polymer-Based Nanomedicines 2016 , 373-413		4
217	N-(2-Hydroxypropyl)methacrylamide Copolymer-Drug Conjugates for Combination Chemotherapy of Acute Myeloid Leukemia. <i>Macromolecular Bioscience</i> , 2016 , 16, 121-8	5.5	9
216	POLYMERIC BIOMATERIALS AND NANOMEDICINES. <i>Journal of Drug Delivery Science and Technology</i> , 2015 , 30, 318-330	4.5	15
215	FRET-trackable biodegradable HPMA copolymer-epirubicin conjugates for ovarian carcinoma therapy. <i>Journal of Controlled Release</i> , 2015 , 218, 36-44	11.7	44
214	Hybrid polymeric hydrogels via peptide nucleic acid (PNA)/DNA complexation. <i>Journal of Controlled Release</i> , 2015 , 220, 608-16	11.7	27
213	Biodistribution of Fracture-Targeted GSK3 β Inhibitor-Loaded Micelles for Improved Fracture Healing. <i>Biomacromolecules</i> , 2015 , 16, 3145-53	6.9	19
212	Combination therapy of prostate cancer with HPMA copolymer conjugates containing PI3K/mTOR inhibitor and docetaxel. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015 , 89, 107-15	5.7	23
211	Design and synthesis of FRET-trackable HPMA-based biodegradable conjugates for drug/gene delivery. <i>Journal of Controlled Release</i> , 2015 , 213, e58	11.7	
210	Super-Resolution Imaging and Quantitative Analysis of Membrane Protein/Lipid Raft Clustering Mediated by Cell-Surface Self-Assembly of Hybrid Nanoconjugates. <i>ChemBioChem</i> , 2015 , 16, 1725-9	3.8	24

209	Enhancing Accumulation and Penetration of HPMA Copolymer-Doxorubicin Conjugates in 2D and 3D Prostate Cancer Cells via iRGD Conjugation with an MMP-2 Cleavable Spacer. <i>Journal of the American Chemical Society</i> , 2015 , 137, 6726-9	16.4	112
208	A Two-Step Pretargeted Nanotherapy for CD20 Crosslinking May Achieve Superior Anti-Lymphoma Efficacy to Rituximab. <i>Theranostics</i> , 2015 , 5, 834-46	12.1	35
207	Drug-Free Macromolecular Therapeutics--A New Paradigm in Polymeric Nanomedicines. <i>Biomaterials Science</i> , 2015 , 3, 908-22	7.4	40
206	Multimodality imaging of coiled-coil mediated self-assembly in a "drug-free" therapeutic system. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1054-65	10.1	26
205	Bone-targeted acid-sensitive doxorubicin conjugate micelles as potential osteosarcoma therapeutics. <i>Bioconjugate Chemistry</i> , 2014 , 25, 2012-20	6.3	36
204	Cell surface self-assembly of hybrid nanoconjugates via oligonucleotide hybridization induces apoptosis. <i>ACS Nano</i> , 2014 , 8, 719-30	16.7	60
203	Sequential combination therapy of ovarian cancer with degradable N-(2-hydroxypropyl)methacrylamide copolymer paclitaxel and gemcitabine conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 12181-6	11.5	108
202	Combination cytotoxicity of backbone degradable HPMA copolymer gemcitabine and platinum conjugates toward human ovarian carcinoma cells. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2014 , 87, 187-96	5.7	42
201	Backbone Degradable and Coiled-Coil Based Macromolecular Therapeutics 2014 , 1-28		
200	Drug-free macromolecular therapeutics induce apoptosis of patient chronic lymphocytic leukemia cells. <i>Drug Delivery and Translational Research</i> , 2014 , 4, 389-94	6.2	20
199	HPMA Copolymer CXCR4 Antagonist Conjugates Substantially Inhibited the Migration of Prostate Cancer Cells. <i>ACS Macro Letters</i> , 2014 , 3, 1240-1243	6.6	15
198	Interview with Professor JindĚch KopeĚk. <i>Nanomedicine</i> , 2014 , 9, 577-9	5.6	
197	Synthesis and activity of tumor-homing peptide iRGD and histone deacetylase inhibitor valproic acid conjugate. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2014 , 24, 1928-33	2.9	12
196	Immunogenicity of coiled-coil based drug-free macromolecular therapeutics. <i>Biomaterials</i> , 2014 , 35, 5886-96	5.6	20
195	Macromolecular therapeutics. <i>Journal of Controlled Release</i> , 2014 , 190, 288-303	11.7	55
194	Cancer Stem Cells: Potential Target For Anti-Cancer Nanomedicines. <i>ACS Symposium Series</i> , 2013 , 127-149	4	1
193	Synthesis and evaluation of a backbone biodegradable multiblock HPMA copolymer nanocarrier for the systemic delivery of paclitaxel. <i>Journal of Controlled Release</i> , 2013 , 166, 66-74	11.7	93
192	Biodegradable multiblock poly(N-2-hydroxypropyl)methacrylamide gemcitabine and paclitaxel conjugates for ovarian cancer cell combination treatment. <i>International Journal of Pharmaceutics</i> , 2013 , 454, 435-43	6.5	40

191	HPMA copolymer-based combination therapy toxic to both prostate cancer stem/progenitor cells and differentiated cells induces durable anti-tumor effects. <i>Journal of Controlled Release</i> , 2013 , 172, 946-53	11.7	45
190	Spacer length impacts the efficacy of targeted docetaxel conjugates in prostate-specific membrane antigen expressing prostate cancer. <i>Journal of Drug Targeting</i> , 2013 , 21, 968-80	5.4	21
189	Polymer-drug conjugates: origins, progress to date and future directions. <i>Advanced Drug Delivery Reviews</i> , 2013 , 65, 49-59	18.5	287
188	Efficiency of high molecular weight backbone degradable HPMA copolymer-prostaglandin E1 conjugate in promotion of bone formation in ovariectomized rats. <i>Biomaterials</i> , 2013 , 34, 6528-38	15.6	33
187	Biological rationale for the design of polymeric anti-cancer nanomedicines. <i>Journal of Drug Targeting</i> , 2013 , 21, 1-26	5.4	53
186	Synthesis of long-circulating, backbone degradable HPMA copolymer-doxorubicin conjugates and evaluation of molecular-weight-dependent antitumor efficacy. <i>Macromolecular Bioscience</i> , 2013 , 13, 155-60	5.5	50
185	Selective inhibitory effect of HPMA copolymer-cyclopamine conjugate on prostate cancer stem cells. <i>Biomaterials</i> , 2012 , 33, 1863-72	15.6	46
184	Coiled-coil based drug-free macromolecular therapeutics: in vivo efficacy. <i>Journal of Controlled Release</i> , 2012 , 157, 126-31	11.7	63
183	Prostate-cancer-targeted N-(2-hydroxypropyl)methacrylamide copolymer/docetaxel conjugates. <i>Macromolecular Bioscience</i> , 2012 , 12, 412-22	5.5	10
182	Biological activity of anti-CD20 multivalent HPMA copolymer-Fab' conjugates. <i>Biomacromolecules</i> , 2012 , 13, 727-35	6.9	35
181	Anti-CD20 multivalent HPMA copolymer-Fab' conjugates for the direct induction of apoptosis. <i>Biomaterials</i> , 2012 , 33, 7174-81	15.6	50
180	Targeting polymer therapeutics to bone. <i>Advanced Drug Delivery Reviews</i> , 2012 , 64, 1189-204	18.5	110
179	Targeting of multidrug-resistant human ovarian carcinoma cells with anti-P-glycoprotein antibody conjugates. <i>Macromolecular Bioscience</i> , 2012 , 12, 502-14	5.5	14
178	Intelligente Biomaterialien durch Selbstorganisation von Hybridhydrogelen. <i>Angewandte Chemie</i> , 2012 , 124, 7512-7535	3.6	15
177	Smart self-assembled hybrid hydrogel biomaterials. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 7396-417	16.4	244
176	Hyaluronan oligomers-HPMA copolymer conjugates for targeting paclitaxel to CD44-overexpressing ovarian carcinoma. <i>Pharmaceutical Research</i> , 2012 , 29, 1121-33	4.5	53
175	Biodegradable Multiblock Poly[N-(2-hydroxypropyl)methacrylamide] via Reversible Addition-Fragmentation Chain Transfer Polymerization and Click Chemistry. <i>Macromolecules</i> , 2011 , 44, 2481-2488	5.5	111
174	Design of Polymer-Drug Conjugates 2011 , 483-512		2

173	Enhanced anti-tumor activity and safety profile of targeted nano-scaled HPMA copolymer-alendronate-TNP-470 conjugate in the treatment of bone malignances. <i>Biomaterials</i> , 2011 , 32, 4450-63	15.6	71
172	Synthesis of Biodegradable Multiblock Copolymers by Click Coupling of RAFT-Generated Heterotelechelic PolyHPMA Conjugates. <i>Reactive and Functional Polymers</i> , 2011 , 71, 294-302	4.6	99
171	Synthesis and characterization of poly(ϵ -caprolactone)-block-poly[N-(2-hydroxypropyl)methacrylamide] micelles for drug delivery. <i>Macromolecular Bioscience</i> , 2011 , 11, 1041-51	5.5	29
170	Backbone degradable multiblock N-(2-hydroxypropyl)methacrylamide copolymer conjugates via reversible addition-fragmentation chain transfer polymerization and thiol-ene coupling reaction. <i>Biomacromolecules</i> , 2011 , 12, 247-52	6.9	83
169	Hybrid hydrogels self-assembled from graft copolymers containing complementary β -sheets as hydroxyapatite nucleation scaffolds. <i>Biomaterials</i> , 2011 , 32, 5341-53	15.6	46
168	Biomaterials and drug delivery: past, present, and future. <i>Molecular Pharmaceutics</i> , 2010 , 7, 922-5	5.6	36
167	HPMA copolymers: origins, early developments, present, and future. <i>Advanced Drug Delivery Reviews</i> , 2010 , 62, 122-49	18.5	456
166	Endocytic uptake of a large array of HPMA copolymers: Elucidation into the dependence on the physicochemical characteristics. <i>Journal of Controlled Release</i> , 2010 , 143, 71-9	11.7	54
165	Drug-Free Macromolecular Therapeutics: Induction of Apoptosis by Coiled-Coil-Mediated Cross-Linking of Antigens on the Cell Surface. <i>Angewandte Chemie</i> , 2010 , 122, 1493-1497	3.6	24
164	Drug-free macromolecular therapeutics: induction of apoptosis by coiled-coil-mediated cross-linking of antigens on the cell surface. <i>Angewandte Chemie - International Edition</i> , 2010 , 49, 1451-5 ^{16.4}	16.4	99
163	Synthesis and characterization of enzymatically degradable PEG-based peptide-containing hydrogels. <i>Macromolecular Bioscience</i> , 2010 , 10, 445-54	5.5	38
162	Self-assembling diblock copolymers of poly[N-(2-hydroxypropyl)methacrylamide] and a beta-sheet peptide. <i>Macromolecular Bioscience</i> , 2009 , 9, 36-44	5.5	34
161	Antitumor efficacy of colon-specific HPMA copolymer/9-aminocamptothecin conjugates in mice bearing human-colon carcinoma xenografts. <i>Macromolecular Bioscience</i> , 2009 , 9, 1135-42	5.5	12
160	HYDROGELS FROM SOFT CONTACT LENSES AND IMPLANTS TO SELF-ASSEMBLED NANOMATERIALS. <i>Journal of Polymer Science Part A</i> , 2009 , 47, 5929-5946	2.5	274
159	Peptide-directed self-assembly of hydrogels. <i>Acta Biomaterialia</i> , 2009 , 5, 805-16	10.8	183
158	Biorecognition and subcellular trafficking of HPMA copolymer-anti-PSMA antibody conjugates by prostate cancer cells. <i>Molecular Pharmaceutics</i> , 2009 , 6, 959-70	5.6	53
157	Self-assembled hydrogels from poly[N-(2-hydroxypropyl)methacrylamide] grafted with beta-sheet peptides. <i>Biomacromolecules</i> , 2009 , 10, 2319-27	6.9	31
156	Intracellular trafficking and subcellular distribution of a large array of HPMA copolymers. <i>Biomacromolecules</i> , 2009 , 10, 1704-14	6.9	33

155	Synthesis and evaluation of multivalent branched HPMA copolymer-Fab' conjugates targeted to the B-cell antigen CD20. <i>Bioconjugate Chemistry</i> , 2009 , 20, 129-37	6.3	44
154	Stimuli-responsive properties of peptide-based copolymers studied via directional growth of self-assembled patterns on solid substrate. <i>Biomacromolecules</i> , 2009 , 10, 1955-61	6.9	14
153	Coiled-Coil Hydrogels. Effect of Grafted Copolymer Composition and Cyclization on Gelation. <i>Macromolecules</i> , 2009 , 42, 2265-2274	5.5	15
152	Targeting angiogenesis-dependent calcified neoplasms using combined polymer therapeutics. <i>PLoS ONE</i> , 2009 , 4, e5233	3.7	92
151	Biodistribution and pharmacokinetic studies of bone-targeting N-(2-hydroxypropyl)methacrylamide copolymer-alendronate conjugates. <i>Molecular Pharmaceutics</i> , 2008 , 5, 548-58	5.6	82
150	Smart hydrogels containing adenylate kinase: translating substrate recognition into macroscopic motion. <i>Journal of the American Chemical Society</i> , 2008 , 130, 15760-1	16.4	90
149	Dynamic light scattering study of self-assembly of HPMA hybrid graft copolymers. <i>Biomacromolecules</i> , 2008 , 9, 510-7	6.9	42
148	Combination chemotherapy and photodynamic therapy with fab' fragment targeted HPMA copolymer conjugates in human ovarian carcinoma cells. <i>Molecular Pharmaceutics</i> , 2008 , 5, 696-709	5.6	52
147	Novel HPMA copolymer-bound constructs for combined tumor and mitochondrial targeting. <i>Molecular Pharmaceutics</i> , 2008 , 5, 776-86	5.6	44
146	Genetically engineered block copolymers: influence of the length and structure of the coiled-coil blocks on hydrogel self-assembly. <i>Pharmaceutical Research</i> , 2008 , 25, 674-82	4.5	62
145	Pharmacokinetic modeling of absorption behavior of 9-aminocamptothecin (9-AC) released from colon-specific HPMA copolymer-9-AC conjugate in rats. <i>Pharmaceutical Research</i> , 2008 , 25, 218-26	4.5	14
144	Novel Synthesis of HPMA Copolymers Containing Peptide Grafts and Their Self-Assembly Into Hybrid Hydrogels. <i>Macromolecular Chemistry and Physics</i> , 2008 , 209, 467-475	2.6	20
143	Synthesis and biological evaluation of disulfide-linked HPMA copolymer-mesochlorin e6 conjugates. <i>Macromolecular Bioscience</i> , 2008 , 8, 375-83	5.5	32
142	Release of prostaglandin E(1) from N-(2-hydroxypropyl)methacrylamide copolymer conjugates by bone cells. <i>Macromolecular Bioscience</i> , 2008 , 8, 599-605	5.5	22
141	Multifunctional Water-Soluble Polymers for Drug Delivery. <i>Fundamental Biomedical Technologies</i> , 2008 , 81-142		8
140	Osteotropic Peptide that differentiates functional domains of the skeleton. <i>Bioconjugate Chemistry</i> , 2007 , 18, 1375-8	6.3	80
139	Hydrogels as smart biomaterials. <i>Polymer International</i> , 2007 , 56, 1078-1098	3.3	337
138	Biodistribution and pharmacokinetics of colon-specific HPMA copolymer-9-aminocamptothecin conjugate in mice. <i>Journal of Controlled Release</i> , 2007 , 117, 179-85	11.7	30

137	Self-Assembling Hydrogels. <i>Polymer Bulletin</i> , 2007 , 58, 53-63	2.4	40
136	Stability in plasmas of various species of HPMA copolymer-PGE1 conjugates. <i>Pharmaceutical Research</i> , 2007 , 24, 2270-80	4.5	21
135	Hydrogel biomaterials: a smart future?. <i>Biomaterials</i> , 2007 , 28, 5185-92	15.6	717
134	Self-association properties of HPMA copolymers containing an amphipathic heptapeptide. <i>Journal of Drug Targeting</i> , 2007 , 15, 465-74	5.4	25
133	Colon-specific 9-aminocamptothecin-HPMA copolymer conjugates containing a 1,6-elimination spacer. <i>Journal of Controlled Release</i> , 2006 , 110, 323-331	11.7	60
132	Hybrid hydrogels self-assembled from HPMA copolymers containing peptide grafts. <i>Macromolecular Bioscience</i> , 2006 , 6, 201-9	5.5	69
131	Semitelechelic HPMA copolymers functionalized with triphenylphosphonium as drug carriers for membrane transduction and mitochondrial localization. <i>Biomacromolecules</i> , 2006 , 7, 2347-56	6.9	56
130	Refolding hydrogels self-assembled from N-(2-hydroxypropyl)methacrylamide graft copolymers by antiparallel coiled-coil formation. <i>Biomacromolecules</i> , 2006 , 7, 1187-95	6.9	132
129	Identification of CD21-binding peptides with phage display and investigation of binding properties of HPMA copolymer-peptide conjugates. <i>Bioconjugate Chemistry</i> , 2006 , 17, 514-23	6.3	29
128	HPMA copolymer-bound doxorubicin induces apoptosis in ovarian carcinoma cells by the disruption of mitochondrial function. <i>Molecular Pharmaceutics</i> , 2006 , 3, 351-61	5.6	41
127	Two-step fluorescence screening of CD21-binding peptides with one-bead one-compound library and investigation of binding properties of N-(2-hydroxypropyl)methacrylamide copolymer-peptide conjugates. <i>Biomacromolecules</i> , 2006 , 7, 3037-46	6.9	25
126	Pharmacokinetic and biodistribution studies of a bone-targeting drug delivery system based on N-(2-hydroxypropyl)methacrylamide copolymers. <i>Molecular Pharmaceutics</i> , 2006 , 3, 717-25	5.6	75
125	Water-soluble HPMA copolymer--prostaglandin E1 conjugates containing a cathepsin K sensitive spacer. <i>Journal of Drug Targeting</i> , 2006 , 14, 425-35	5.4	47
124	Synthesis and characterization of novel aromatic azo bond-containing pH-sensitive and hydrolytically cleavable IPN hydrogels. <i>Biomaterials</i> , 2006 , 27, 1140-51	15.6	49
123	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. <i>Bioconjugate Chemistry</i> , 2005 , 16, 785-92	6.3	208
122	Reversible hydrogels from self-assembling genetically engineered protein block copolymers. <i>Biomacromolecules</i> , 2005 , 6, 1739-49	6.9	139
121	Intracellular targeting of polymer-bound drugs for cancer chemotherapy. <i>Advanced Drug Delivery Reviews</i> , 2005 , 57, 609-36	18.5	278
120	Bone-targeting macromolecular therapeutics. <i>Advanced Drug Delivery Reviews</i> , 2005 , 57, 1049-76	18.5	157

119	The arthrotropism of macromolecules in adjuvant-induced arthritis rat model: a preliminary study. <i>Pharmaceutical Research</i> , 2004 , 21, 1741-9	4.5	51
118	HPMA copolymer-bound doxorubicin induces apoptosis in human ovarian carcinoma cells by a Fas-independent pathway. <i>Molecular Pharmaceutics</i> , 2004 , 1, 174-82	5.6	21
117	Mechanisms of cytotoxicity in human ovarian carcinoma cells exposed to free Mce6 or HPMA copolymer-Mce6 conjugates. <i>Photochemistry and Photobiology</i> , 2003 , 77, 645-52	3.6	20
116	Correlation of subcellular compartmentalization of HPMA copolymer-Mce6 conjugates with chemotherapeutic activity in human ovarian carcinoma cells. <i>Pharmaceutical Research</i> , 2003 , 20, 728-37	4.5	27
115	Binding and cytotoxicity of HPMA copolymer conjugates to lymphocytes mediated by receptor-binding epitopes. <i>Pharmaceutical Research</i> , 2003 , 20, 360-7	4.5	35
114	Smart and genetically engineered biomaterials and drug delivery systems. <i>European Journal of Pharmaceutical Sciences</i> , 2003 , 20, 1-16	5.1	229
113	Cytoplasmic delivery and nuclear targeting of synthetic macromolecules. <i>Journal of Controlled Release</i> , 2003 , 87, 89-105	11.7	103
112	Antigen Responsive Hydrogels Based on Polymerizable Antibody Fab? Fragment. <i>Macromolecular Bioscience</i> , 2003 , 3, 296-300	5.5	95
111	Synthesis and evaluation of water-soluble polymeric bone-targeted drug delivery systems. <i>Bioconjugate Chemistry</i> , 2003 , 14, 853-9	6.3	133
110	Pegylated polyethylenimine-Fab' antibody fragment conjugates for targeted gene delivery to human ovarian carcinoma cells. <i>Bioconjugate Chemistry</i> , 2003 , 14, 989-96	6.3	130
109	Swelling pressure induced phase-volume transition in hybrid biopolymer gels caused by unfolding of folded crosslinks: a model. <i>Biomacromolecules</i> , 2003 , 4, 1818-26	6.9	14
108	Tat-conjugated synthetic macromolecules facilitate cytoplasmic drug delivery to human ovarian carcinoma cells. <i>Bioconjugate Chemistry</i> , 2003 , 14, 44-50	6.3	113
107	Free and N-(2-hydroxypropyl)methacrylamide copolymer-bound geldanamycin derivative induce different stress responses in A2780 human ovarian carcinoma cells. <i>Cancer Research</i> , 2003 , 63, 7876-82	10.1	38
106	Design of novel bioconjugates for targeted drug delivery. <i>Journal of Controlled Release</i> , 2002 , 78, 165-73	11.7	95
105	Prospects for cationic polymers in gene and oligonucleotide therapy against cancer. <i>Advanced Drug Delivery Reviews</i> , 2002 , 54, 715-58	18.5	705
104	Associative diblock copolymers of poly(ethylene glycol) and coiled-coil peptides. <i>Macromolecular Bioscience</i> , 2002 , 2, 199	5.5	93
103	The Influence of Fusion Sequences on the Thermal Stabilities of Coiled-Coil Proteins. <i>Macromolecular Bioscience</i> , 2002 , 2, 395-401	5.5	16
102	Poly[N -(2-hydroxypropyl)methacrylamide- block - n -butyl acrylate] micelles in water/DMF mixed solvents. <i>Polymer</i> , 2002 , 43, 3735-3741	3.9	48

101	Intracellular processing of poly(ethylene imine)/ribozyme complexes can be observed in living cells by using confocal laser scanning microscopy and inhibitor experiments. <i>Pharmaceutical Research</i> , 2002 , 19, 140-6	4.5	126
100	Influence of the structure of drug moieties on the in vitro efficacy of HPMA copolymer-geldanamycin derivative conjugates. <i>Pharmaceutical Research</i> , 2002 , 19, 115-23	4.5	27
99	Targeted delivery of doxorubicin by HPMA copolymer-hyaluronan bioconjugates. <i>Pharmaceutical Research</i> , 2002 , 19, 396-402	4.5	142
98	The role of galactose, lactose, and galactose valency in the biorecognition of N-(2-hydroxypropyl)methacrylamide copolymers by human colon adenocarcinoma cells. <i>Pharmaceutical Research</i> , 2002 , 19, 1114-22	4.5	40
97	N-(2-Hydroxypropyl)methacrylamide Copolymer-9-Aminocamptothecin Conjugate: Colon-Specific Drug Delivery in Rats. <i>Journal of Bioactive and Compatible Polymers</i> , 2002 , 17, 305-319	2	14
96	Presentation of epitopes on genetically engineered peptides and selection of lymphoma-targeting moieties based on epitope biorecognition. <i>Biomacromolecules</i> , 2002 , 3, 421-31	6.9	12
95	Antisense oligonucleotides delivered to the lysosome escape and actively inhibit the hepatitis B virus. <i>Bioconjugate Chemistry</i> , 2002 , 13, 975-84	6.3	25
94	Novel Aromatic Azo-Containing pH-Sensitive Hydrogels: Synthesis and Characterization. <i>Macromolecules</i> , 2002 , 35, 7791-7803	5.5	35
93	Inhibition of cathepsin K with lysosomotropic macromolecular inhibitors. <i>Biochemistry</i> , 2002 , 41, 8849-59.	2	42
92	A model for swelling changes in a covalently crosslinked gel caused by unfolding of folded domains. <i>Polymer Bulletin</i> , 2001 , 47, 351-358	2.4	7
91	Improved synthesis and evaluation of 17-substituted aminoalkylgeldanamycin derivatives applicable to drug delivery systems. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2001 , 11, 2089-91	2.9	23
90	Preliminary evaluation of caspases-dependent apoptosis signaling pathways of free and HPMA copolymer-bound doxorubicin in human ovarian carcinoma cells. <i>Journal of Controlled Release</i> , 2001 , 71, 227-37	11.7	57
89	The coiled coils in the design of protein-based constructs: hybrid hydrogels and epitope displays. <i>Journal of Controlled Release</i> , 2001 , 72, 57-70	11.7	47
88	Biorecognizable HPMA copolymer-drug conjugates for colon-specific delivery of 9-aminocamptothecin. <i>Journal of Controlled Release</i> , 2001 , 75, 365-79	11.7	74
87	The cytoplasmic escape and nuclear accumulation of endocytosed and microinjected HPMA copolymers and a basic kinetic study in Hep G2 cells. <i>AAPS PharmSci</i> , 2001 , 3, E32		15
86	Enhanced biorecognition and internalization of HPMA copolymers containing multiple or multivalent carbohydrate side-chains by human hepatocarcinoma cells. <i>Bioconjugate Chemistry</i> , 2001 , 12, 890-9	6.3	67
85	De novo design of biomedical polymers: hybrids from synthetic macromolecules and genetically engineered protein domains. <i>Macromolecular Symposia</i> , 2001 , 174, 31-42	0.8	25
84	Mechanisms of anticancer action of HPMA copolymer-bound doxorubicin. <i>Macromolecular Symposia</i> , 2001 , 172, 35-48	0.8	12

83	Efficacy of the chemotherapeutic action of HPMA copolymer-bound doxorubicin in a solid tumor model of ovarian carcinoma. <i>International Journal of Cancer</i> , 2000 , 86, 108-17	7.5	152
82	Chronic exposure of human ovarian carcinoma cells to free or HPMA copolymer-bound mesochlorin e6 does not induce P-glycoprotein-mediated multidrug resistance. <i>Biomaterials</i> , 2000 , 21, 2203-10	15.6	28
81	Time- and concentration-dependent apoptosis and necrosis induced by free and HPMA copolymer-bound doxorubicin in human ovarian carcinoma cells. <i>Journal of Controlled Release</i> , 2000 , 69, 185-96	11.7	28
80	The influence of cytotoxicity of macromolecules and of VEGF gene modulated vascular permeability on the enhanced permeability and retention effect in resistant solid tumors. <i>Pharmaceutical Research</i> , 2000 , 17, 505-14	4.5	53
79	HPMA copolymer-modified avidin: immune response. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2000 , 11, 1-12	3.5	2
78	Synthesis of starlike N-(2-hydroxypropyl)methacrylamide copolymers: potential drug carriers. <i>Biomacromolecules</i> , 2000 , 1, 313-9	6.9	98
77	Synthesis of bioadhesive lectin-HPMA copolymer-cyclosporin conjugates. <i>Bioconjugate Chemistry</i> , 2000 , 11, 3-7	6.3	25
76	Responsive hybrid hydrogels with volume transitions modulated by a titin immunoglobulin module. <i>Bioconjugate Chemistry</i> , 2000 , 11, 734-40	6.3	40
75	Polymerizable Fab' antibody fragments for targeting of anticancer drugs. <i>Nature Biotechnology</i> , 1999 , 17, 1101-4	44.5	106
74	Hybrid hydrogels assembled from synthetic polymers and coiled-coil protein domains. <i>Nature</i> , 1999 , 397, 417-20	50.4	503
73	Degradation and aggregation of human calcitonin in vitro. <i>Pharmaceutical Research</i> , 1999 , 16, 359-67	4.5	11
72	Comparison of the anticancer effect of free and HPMA copolymer-bound adriamycin in human ovarian carcinoma cells. <i>Pharmaceutical Research</i> , 1999 , 16, 986-96	4.5	102
71	Biorecognition of HPMA copolymer-adriamycin conjugates by lymphocytes mediated by synthetic receptor binding epitopes. <i>Pharmaceutical Research</i> , 1999 , 16, 1010-9	4.5	19
70	Chronic exposure to HPMA copolymer-bound adriamycin does not induce multidrug resistance in a human ovarian carcinoma cell line. <i>Journal of Controlled Release</i> , 1999 , 59, 133-48	11.7	89
69	Biodistribution of free and N-(2-hydroxypropyl)methacrylamide copolymer-bound mesochlorin e(6) and adriamycin in nude mice bearing human ovarian carcinoma OVCAR-3 xenografts. <i>Journal of Controlled Release</i> , 1999 , 61, 145-57	11.7	67
68	Synthesis of HPMA Copolymer Containing Adriamycin Bound via an Acid-Labile Spacer and its Activity toward Human Ovarian Carcinoma Cells. <i>Journal of Bioactive and Compatible Polymers</i> , 1999 , 14, 447-456	2	42
67	HPMA copolymer-anticancer drug-OV-TL16 antibody conjugates. II. Processing in epithelial ovarian carcinoma cells in vitro. <i>International Journal of Cancer</i> , 1998 , 75, 600-8	7.5	77
66	Photoassociation of water-soluble copolymers containing photochromic spirobenzopyran moieties. <i>Polymers for Advanced Technologies</i> , 1998 , 9, 641-648	3.2	5

65	Lectin-HPMA copolymer conjugates: potential oral drug carriers for targeting diseased tissues. <i>Macromolecular Chemistry and Physics</i> , 1998 , 199, 2601-2608	2.6	16
64	Novel pH-sensitive hydrogels with adjustable swelling kinetics. <i>Biomaterials</i> , 1998 , 19, 1037-47	15.6	124
63	Biorecognizable Polymers: Design, Structure, and Bioactivity. <i>Journal of Macromolecular Science - Pure and Applied Chemistry</i> , 1997 , 34, 2103-2117	2.2	10
62	Photoregulated Association of Water-Soluble Copolymers with Spirobenzopyran-Containing Side Chains. <i>Macromolecules</i> , 1997 , 30, 5553-5556	5.5	28
61	In vitro degradation of pH-sensitive hydrogels containing aromatic azo bonds. <i>Biomaterials</i> , 1997 , 18, 861-72	15.6	86
60	Biorecognition of sugar containing N-(2-hydroxypropyl)methacrylamide copolymers by immobilized lectin. <i>Macromolecular Chemistry and Physics</i> , 1997 , 198, 1165-1180	2.6	18
59	Lysosomal degradability of poly(alpha-amino acids). <i>Journal of Biomedical Materials Research Part B</i> , 1997 , 34, 381-92		46
58	Intracellularly biorecognizable derivatives of 5-fluorouracil. Implications for site-specific delivery in the human condition. <i>Biochemical Pharmacology</i> , 1996 , 52, 957-62	6	27
57	Biodegradable and pH sensitive hydrogels: synthesis by a polymer-polymer reaction. <i>Macromolecular Chemistry and Physics</i> , 1996 , 197, 965-980	2.6	35
56	Photodynamic crosslinking of proteins. I. Model studies using histidine- and lysine-containing N-(2-hydroxypropyl)methacrylamide copolymers. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 1996 , 34, 203-10	6.7	83
55	Prolonged blood circulation in rats of nanospheres surface-modified with semitelechelic poly[N-(2-hydroxypropyl)methacrylamide]. <i>Pharmaceutical Research</i> , 1995 , 12, 663-8	4.5	29
54	Enantioselective release of 5-fluorouracil from N-(2-hydroxypropyl)methacrylamide-based copolymers via lysosomal enzymes. <i>Bioconjugate Chemistry</i> , 1995 , 6, 483-92	6.3	44
53	Association of a Substituted Zinc(II) Phthalocyanine-N-(2-Hydroxypropyl)methacrylamide Copolymer Conjugate. <i>Macromolecules</i> , 1995 , 28, 8375-8380	5.5	12
52	Degradability of hydrogels containing azoaromatic crosslinks. <i>Macromolecular Chemistry and Physics</i> , 1995 , 196, 2183-2202	2.6	24
51	Adsorption and activation of zymogens at solid-liquid interfaces. I. Chymotrypsinogen on alkylamino modified silica derivatives. <i>Journal of Biomedical Materials Research Part B</i> , 1994 , 28, 247-57		2
50	Enzymatic Degradation of Poly(ethylene glycol) Modified Dextrans. <i>Journal of Bioactive and Compatible Polymers</i> , 1994 , 9, 388-410	2	16
49	Enzymatic activity of chymotrypsin and its poly(ethylene glycol) conjugates toward low and high molecular weight substrates. <i>Bioconjugate Chemistry</i> , 1993 , 4, 290-5	6.3	49
48	Degradation of proteins by guinea pig intestinal enzymes. <i>International Journal of Pharmaceutics</i> , 1993 , 95, 171-179	6.5	47

47	Targetable photoactivatable drugs. 3. In vitro efficacy of polymer bound chlorin e6 toward human hepatocarcinoma cell line (PLC/PRF/5) targeted with galactosamine and to mouse splenocytes targeted with anti-Thy 1.2 antibodies. <i>Journal of Controlled Release</i> , 1993 , 25, 71-87	11.7	23
46	Synthesis and Photoproperties of a Substituted Zinc(II) Phthalocyanine-N-(2-hydroxypropyl)methacrylamide Copolymer Conjugate. <i>Collection of Czechoslovak Chemical Communications</i> , 1993 , 58, 2321-2336		12
45	pH-Sensitive Hydrogels. <i>ACS Symposium Series</i> , 1992 , 285-304	0.4	39
44	Hydrogels for site-specific drug delivery to the colon: in vitro and in vivo degradation. <i>Pharmaceutical Research</i> , 1992 , 9, 1540-5	4.5	98
43	Photoregulated association of N-(2-hydroxypropyl)methacrylamide copolymers with azobenzene-containing side chains. <i>Macromolecules</i> , 1992 , 25, 5451-5456	5.5	34
42	In vitro bioadhesion of carbohydrate-containing N-(2-hydroxypropyl) methacrylamide copolymers to the GI tract of guinea pigs. <i>International Journal of Pharmaceutics</i> , 1992 , 87, 105-116	6.5	33
41	Cleavage of oligopeptide p-nitroanilides attached to N-(2-hydroxypropyl)methacrylamide copolymers by guinea pig intestinal enzymes. <i>Die Makromolekulare Chemie</i> , 1992 , 193, 2605-2619		10
40	N-(2-hydroxypropyl) methacrylamide copolymers containing pendant saccharide moieties: Synthesis and bioadhesive properties. <i>Journal of Polymer Science Part A</i> , 1991 , 29, 1895-1902	2.5	52
39	Targetable polymeric anticancer drugs. Temporal control of drug activity. <i>Annals of the New York Academy of Sciences</i> , 1991 , 618, 335-44	6.5	23
38	Surface properties of copolymers of alkyl methacrylates with methoxy (polyethylene oxide) methacrylates and their application as protein-resistant coatings. <i>Biomaterials</i> , 1990 , 11, 455-64	15.6	179
37	The pharmacokinetics of polymer-bound adriamycin. <i>Biochemical Pharmacology</i> , 1990 , 39, 1125-31	6	113
36	Protein-resistant surfaces prepared by PEO-containing block copolymer surfactants. <i>Journal of Biomedical Materials Research Part B</i> , 1989 , 23, 351-68		360
35	Effect of galactose on interaction of N-(2-hydroxypropyl)methacrylamide copolymers with hepatoma cells in culture: preliminary application to an anticancer agent, daunomycin. <i>Hepatology</i> , 1989 , 10, 207-14	11.2	40
34	Optically controlled ligand delivery, 1. Synthesis of water-soluble copolymers containing photocleavable bonds. <i>Die Makromolekulare Chemie</i> , 1989 , 190, 69-82		10
33	Osmotic opening of the blood-brain barrier permeability to N-(2-hydroxypropyl)methacrylamide copolymers. Effect of polymer -Mw charge and hydrophobicity. <i>Journal of Controlled Release</i> , 1989 , 10, 27-35	11.7	10
32	Anticancer agents coupled to N-(2-hydroxypropyl)methacrylamide copolymers. 3. Evaluation of adriamycin conjugates against mouse leukaemia L1210 in vivo. <i>Journal of Controlled Release</i> , 1989 , 10, 51-63	11.7	94
31	Activity of N-(2-hydroxypropyl)methacrylamide copolymers containing daunomycin against a rat tumour model. <i>Biochemical Pharmacology</i> , 1989 , 38, 875-9	6	73
30	Soluble, crosslinked N-(2-hydroxypropyl)methacrylamide copolymers as potential drug carriers. <i>Journal of Controlled Release</i> , 1987 , 4, 253-264	11.7	33

29	Soluble, crosslinked N-(2-hydroxypropyl)methacrylamide copolymers as potential drug carriers. <i>Journal of Controlled Release</i> , 1987 , 4, 265-278	11.7	42
28	Targetable polymeric prodrugs. <i>Journal of Controlled Release</i> , 1987 , 6, 315-327	11.7	96
27	Solution properties of drug carriers based on poly[N-(2-hydroxypropyl)methacrylamide] containing biodegradable bonds. <i>Die Makromolekulare Chemie</i> , 1987 , 188, 1261-1272		90
26	Polymer-bound derivatives of sarcosyl and their antitumour activity against mouse and human leukaemia in vitro. <i>Die Makromolekulare Chemie</i> , 1987 , 188, 2497-2509		24
25	Poly(ethylene glycol)s containing enzymatically degradable bonds. <i>Die Makromolekulare Chemie</i> , 1986 , 187, 1131-1144		46
24	Methods of targeting N-(2-hydroxypropyl) methacrylamide copolymers to particular cell types. <i>Die Makromolekulare Chemie</i> , 1985 , 9, 3-12		21
23	Preparation of polymer-modified enzymes of prolonged circulation times. Poly[N-(2-hydroxypropyl) methacrylamide]-bound acetylcholinesterase. <i>Die Makromolekulare Chemie</i> , 1985 , 9, 35-42		15
22	Biological properties of targetable poly[N-(2-hydroxypropyl)-methacrylamide]-antibody conjugates. <i>Journal of Controlled Release</i> , 1985 , 2, 289-310	11.7	81
21	Drug targeting to lysosomes. <i>Biochemical Society Transactions</i> , 1984 , 12, 913-5	5.1	9
20	Controlled biodegradability of polymers--a key to drug delivery systems. <i>Biomaterials</i> , 1984 , 5, 19-25	15.6	140
19	Polymers containing enzymatically degradable bonds, 9. Chymotrypsin catalyzed hydrolysis of a p-nitroanilide drug model, p bound via oligopeptides onto poly(vinylpyrrolidone-co-maleic anhydride). <i>Die Makromolekulare Chemie</i> , 1984 , 185, 231-237		18
18	Targeting of soluble cross-linked N-(2-hydroxypropyl)methacrylamide copolymers in vivo. A potential drug delivery system. <i>Biochemical Society Transactions</i> , 1984 , 12, 1064-1065	5.1	9
17	Activation of poly[N-(2-hydroxypropyl)methacrylamide] for the binding of bioactive molecules, 1. Activation with 4-nitrophenyl chloroformate. <i>Die Makromolekulare Chemie</i> , 1983 , 184, 1339-1344		15
16	Activation of poly[N-(2-hydroxypropyl)methacrylamide] for the binding of bioactive molecules, 2. Activation with cyanogen bromide. <i>Die Makromolekulare Chemie</i> , 1983 , 184, 1345-1353		9
15	Polymers containing enzymatically degradable bonds, 7. Design of oligopeptide side-chains in poly[N-(2-hydroxypropyl)methacrylamide] copolymers to promote efficient degradation by lysosomal enzymes. <i>Die Makromolekulare Chemie</i> , 1983 , 184, 1997-2008		151
14	Polymers containing enzymatically degradable bonds, 8. Degradation of oligopeptide sequences in N-(2-hydroxypropyl)methacrylamide copolymers by bovine spleen cathepsin B. <i>Die Makromolekulare Chemie</i> , 1983 , 184, 2009-2020		208
13	Biodegradation of biomedical polymers. <i>Progress in Polymer Science</i> , 1983 , 9, 1-58	29.6	116
12	BIODEGRADATION OF POLYMERS FOR BIOMEDICAL USE 1982 , 305-320		23

11	Degradation of side-chains of N-(2-hydroxypropyl)methacrylamide copolymers by lysosomal thiol-proteinases. <i>Bioscience Reports</i> , 1982 , 2, 1041-6	4.1	92
10	A convenient model system for the study of the influence of water-soluble polymer carrier on the interaction between proteins. <i>Die Makromolekulare Chemie Rapid Communications</i> , 1982 , 3, 11-15		10
9	Polymers containing enzymatically degradable bonds. VI. Hydrophilic gels cleavable by chymotrypsin. <i>Biomaterials</i> , 1982 , 3, 150-4	15.6	74
8	Polymers containing enzymatically degradable bonds, 1. Chymotrypsin catalyzed hydrolysis of p-nitroanilides of phenylalanine and tyrosine attached to side-chains of copolymers of N-(2-hydroxypropyl)methacrylamide. <i>Die Makromolekulare Chemie</i> , 1981 , 182, 799-809		115
7	Polymers containing enzymatically degradable bonds, 2. Poly[N-(2-hydroxypropyl)methacrylamide] chains connected by oligopeptide sequences cleavable by chymotrypsin. <i>Die Makromolekulare Chemie</i> , 1981 , 182, 1899-1915		52
6	Polymers containing enzymatically degradable bonds, 3. Poly[N-(2-hydroxypropyl)methacrylamide] chains connected by oligopeptide sequences cleavable by trypsin. <i>Die Makromolekulare Chemie</i> , 1981 , 182, 1917-1928		40
5	Polymers containing enzymatically degradable bonds, 4. Preliminary experiments in vivo. <i>Die Makromolekulare Chemie</i> , 1981 , 182, 2941-2949		46
4	Degradation of side chains of N-(2-hydroxypropyl) methacrylamide copolymers by lysosomal enzymes. <i>Biochemical and Biophysical Research Communications</i> , 1980 , 94, 284-90	3.4	53
3	Water Soluble Polymers for Medicine. <i>British Polymer Journal</i> , 1978 , 10, 111-114		17
2	Synthesis and activity of a polymer which contains insulin covalently bound on a copolymer of N-(2-hydroxypropyl)methacrylamide and N-methacryloyldiglycyl p-nitrophenyl ester. <i>Die Makromolekulare Chemie</i> , 1978 , 179, 329-336		36
1	Aminolyses of monomeric and polymeric 4-nitrophenyl esters of N-methacryloylamino acids. <i>Die Makromolekulare Chemie</i> , 1977 , 178, 2159-2168		172