Kazunori Kataoka

List of Publications by Year
in descending order

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789 papers	77,648 citations	279 140 h-index	849 244 g-index
833 all docs	833 docs citations	833 times ranked	43758 citing authors

#	Article	IF	Citations
1	Nanomedicine for brain cancer. Advanced Drug Delivery Reviews, 2022, 182, 114115.	6.6	57
2	Tanks and Truth. ACS Nano, 2022, 16, 4975-4976.	7.3	0
3	Effective mRNA Protection by Poly(<scp>l</scp>â€ornithine) Synergizes with Endosomal Escape Functionality of a Chargeâ€Conversion Polymer toward Maximizing mRNA Introduction Efficiency. Macromolecular Rapid Communications, 2022, 43, e2100754.	2.0	27
4	Targeted nanomedicine in cisplatin-based cancer therapeutics. Journal of Controlled Release, 2022, 345, 709-720.	4.8	46
5	Bridging mRNA and Polycation Using RNA Oligonucleotide Derivatives Improves the Robustness of Polyplex Micelles for Efficient mRNA Delivery. Advanced Healthcare Materials, 2022, 11, e2102016.	3.9	17
6	Dynamic Stabilization of Unit Polyion Complexes Incorporating Small Interfering RNA by Fine-Tuning of Cationic Block Length in Two-Branched Poly(ethylene glycol)-b-poly(<scp>l</scp>-lysine). Biomacromolecules, 2022, 23, 388-397.	2.6	3
7	Clinical Translation of Selfâ€Assembled Cancer Nanomedicines. Advanced Therapeutics, 2021, 4, .	1.6	34
8	Manipulating dynamic tumor vessel permeability to enhance polymeric micelle accumulation. Journal of Controlled Release, 2021, 329, 63-75.	4.8	9
9	Normalizing the Microenvironment Overcomes Vessel Compression and Resistance to Nanoâ€Immunotherapy in Breast Cancer Lung Metastasis. Advanced Science, 2021, 8, 2001917.	5.6	52
10	Supramolecularly enabled pH- triggered drug action at tumor microenvironment potentiates nanomedicine efficacy against glioblastoma. Biomaterials, 2021, 267, 120463.	5.7	36
11	mRNA loading into ATP-responsive polyplex micelles with optimal density of phenylboronate ester crosslinking to balance robustness in the biological milieu and intracellular translational efficiency. Journal of Controlled Release, 2021, 330, 317-328.	4.8	37
12	Efficacy of pH-Sensitive Nanomedicines in Tumors with Different c-MYC Expression Depends on the Intratumoral Activation Profile. ACS Nano, 2021, 15, 5545-5559.	7.3	16
13	Structural tuning of oligonucleotides for enhanced blood circulation properties of unit polyion complexes prepared from two-branched poly(ethylene glycol)-block-poly(l-lysine). Journal of Controlled Release, 2021, 330, 812-820.	4.8	15
14	Core-Crosslinked Fluorescent Worm-Like Micelles for Glucose-Mediated Drug Delivery. Biomacromolecules, 2021, 22, 1458-1471.	2.6	13
15	Cancer-Specific Targeting of Taurine-Upregulated Gene 1 Enhances the Effects of Chemotherapy in Pancreatic Cancer. Cancer Research, 2021, 81, 1654-1666.	0.4	22
16	Treatment of ischemic neuronal death by introducing brain-derived neurotrophic factor mRNA using polyplex nanomicelle. Biomaterials, 2021, 270, 120681.	5.7	38
17	Co-encapsulation of Cas9 mRNA and guide RNA in polyplex micelles enables genome editing in mouse brain. Journal of Controlled Release, 2021, 332, 260-268.	4.8	56
18	Treatment of primary and metastatic breast and pancreatic tumors upon intravenous delivery of a <scp>PRDM14</scp>â€specific chimeric <scp>siRNA</scp>/nanocarrier complex. International Journal of Cancer, 2021, 149, 646-656.	2.3	10

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19	Nanoprobe-Based Magnetic Resonance Imaging of Hypoxia Predicts Responses to Radiotherapy, Immunotherapy, and Sensitizing Treatments in Pancreatic Tumors. ACS Nano, 2021, 15, 13526-13538.	7.3	30
20	Block catiomer with flexible cationic segment enhances complexation with siRNA and the delivery performance in vitro. Science and Technology of Advanced Materials, 2021, 22, 850-863.	2.8	6
21	Vascular Bursts Act as a Versatile Tumor Vessel Permeation Route for Bloodâ€Borne Particles and Cells. Small, 2021, 17, e2103751.	5.2	11
22	Poly-ion complex micelles effectively deliver CoA-conjugated CPT1A inhibitors to modulate lipid metabolism in brain cells. Biomaterials Science, 2021, 9, 7076-7091.	2.6	10
23	Chemo-physical Strategies to Advance the in Vivo Functionality of Targeted Nanomedicine: The Next Generation. Journal of the American Chemical Society, 2021, 143, 538-559.	6.6	148
24	Conjugation of glucosylated polymer chains to checkpoint blockade antibodies augments their efficacy and specificity for glioblastoma. Nature Biomedical Engineering, 2021, 5, 1274-1287.	11.6	33
25	Enzymatically Transformable Polymersomeâ€Based Nanotherapeutics to Eliminate Minimal Relapsable Cancer. Advanced Materials, 2021, 33, e2105254.	11.1	39
26	Polymeric Micelles Loading Proteins through Concurrent Ion Complexation and pHâ€Cleavable Covalent Bonding for In Vivo Delivery. Macromolecular Bioscience, 2020, 20, e1900161.	2.1	36
27	Ligandâ€Installed Nanocarriers toward Precision Therapy. Advanced Materials, 2020, 32, e1902604.	11.1	189
28	Bundling of mRNA strands inside polyion complexes improves mRNA delivery efficiency in vitro and in vivo. Biomaterials, 2020, 261, 120332.	5.7	35
29	Targeting nanoparticles to the brain by exploiting the bloodâ€"brain barrier impermeability to selectively label the brain endothelium. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 19141-19150.	3.3	82
30	Translational Nanomedicine Boosts Anti-PD1 Therapy to Eradicate Orthotopic PTEN-Negative Glioblastoma. ACS Nano, 2020, 14, 10127-10140.	7.3	47
31	mRNA Delivery: Polymeric Nanocarriers with Controlled Chain Flexibility Boost mRNA Delivery In Vivo through Enhanced Structural Fastening (Adv. Healthcare Mater. 16/2020). Advanced Healthcare Materials, 2020, 9, 2070054.	3.9	3
32	Noncovalent Stabilization of Vesicular Polyion Complexes with Chemically Modified/Single-Stranded Oligonucleotides and PEG-b-guanidinylated Polypeptides for Intracavity Encapsulation of Effector Enzymes Aimed at Cooperative Gene Knockdown. Biomacromolecules, 2020, 21, 4365-4376.	2.6	17
33	Tumor-Targeted Nanomedicine for Immunotherapy. Accounts of Chemical Research, 2020, 53, 2765-2776.	7.6	62
34	Dual-Sensitive Nanomicelles Enhancing Systemic Delivery of Therapeutically Active Antibodies Specifically into the Brain. ACS Nano, 2020, 14, 6729-6742.	7.3	65
35	Selfâ€Boosting Catalytic Nanoreactors Integrated with Triggerable Crosslinking Membrane Networks for Initiation of Immunogenic Cell Death by Pyroptosis. Angewandte Chemie - International Edition, 2020, 59, 13526-13530.	7.2	89
36	Selfâ€Boosting Catalytic Nanoreactors Integrated with Triggerable Crosslinking Membrane Networks for Initiation of Immunogenic Cell Death by Pyroptosis. Angewandte Chemie, 2020, 132, 13628-13632.	1.6	16

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37	Polymeric Nanocarriers with Controlled Chain Flexibility Boost mRNA Delivery In Vivo through Enhanced Structural Fastening. Advanced Healthcare Materials, 2020, 9, e2000538.	3.9	33
38	Transient stealth coating of liver sinusoidal wall by anchoring two-armed PEG for retargeting nanomedicines. Science Advances, 2020, 6, eabb8133.	4.7	44
39	Structural Control of Boronic Acid Ligands Enhances Intratumoral Targeting of Sialic Acid To Eradicate Cancer Stem-like Cells. ACS Applied Bio Materials, 2020, 3, 5030-5039.	2.3	18
40	Erythrocyte depletion lifts nanoparticle half-lives. Nature Biomedical Engineering, 2020, 4, 670-671.	11.6	4
41	Nanomedicines blocking adaptive signals in cancer cells overcome tumor TKI resistance. Journal of Controlled Release, 2020, 321, 132-144.	4.8	9
42	Systemic Brain Delivery of Antisense Oligonucleotides across the Bloodâ€“Brain Barrier with a Glucoseâ€Coated Polymeric Nanocarrier. Angewandte Chemie - International Edition, 2020, 59, 8173-8180.	7.2	113
43	Systemic Brain Delivery of Antisense Oligonucleotides across the Bloodâ€“Brain Barrier with a Glucoseâ€Coated Polymeric Nanocarrier. Angewandte Chemie, 2020, 132, 8250-8257.	1.6	10
44	Ligandâ€Installed Nanocarriers: Ligandâ€Installed Nanocarriers toward Precision Therapy (Adv. Mater.) Tj ETQq0 0 0 rgBT /Overlock 10 T	11.1	6
45	mRNA as a Tool for Gene Transfection in 3D Cell Culture for Future Regenerative Therapy. Micromachines, 2020, 11, 426.	1.4	7
46	In VitroBloodâ€“Brain Barrier Permeability and Cytotoxicity of an Atorvastatin-Loaded Nanoformulation Against Glioblastoma in 2D and 3D Models. Molecular Pharmaceutics, 2020, 17, 1835-1847.	2.3	25
47	Growing Contributions of Nano in 2020. ACS Nano, 2020, 14, 16163-16164.	7.3	1
48	Proliferationâ€associated long noncoding RNA, TMPOâ€AS1, is a potential therapeutic target for tripleâ€negative breast cancer. Cancer Science, 2020, 111, 2440-2450.	1.7	26
49	TGF-Î² inhibition combined with cytotoxic nanomedicine normalizes triple negative breast cancer microenvironment towards anti-tumor immunity. Theranostics, 2020, 10, 1910-1922.	4.6	110
50	Dually Stabilized Triblock Copolymer Micelles with Hydrophilic Shell and Hydrophobic Interlayer for Systemic Antisense Oligonucleotide Delivery to Solid Tumor. ACS Biomaterials Science and Engineering, 2019, 5, 5770-5780.	2.6	21
51	Enhancement of Motor Function Recovery after Spinal Cord Injury in Mice by Delivery of Brain-Derived Neurotrophic Factor mRNA. Molecular Therapy - Nucleic Acids, 2019, 17, 465-476.	2.3	52
52	Single-Stranded DNA-Packaged Polyplex Micelle as Adeno-Associated-Virus-Inspired Compact Vector to Systemically Target Stroma-Rich Pancreatic Cancer. ACS Nano, 2019, 13, 12732-12742.	7.3	34
53	Fine-Tuning of Hydrophobicity in Amphiphilic Polyaspartamide Derivatives for Rapid and Transient Expression of Messenger RNA Directed Toward Genome Engineering in Brain. ACS Central Science, 2019, 5, 1866-1875.	5.3	48
54	Nanomaterial-based blood-brain-barrier (BBB) crossing strategies. Biomaterials, 2019, 224, 119491.	5.7	306

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55	Design concepts of polyplex micelles for <scp>in vivo</scp> therapeutic delivery of plasmid DNA and messenger RNA. Journal of Biomedical Materials Research - Part A, 2019, 107, 978-990.	2.1	72
56	Therapeutic Polymersome Nanoreactors with Tumor-Specific Activable Cascade Reactions for Cooperative Cancer Therapy. ACS Nano, 2019, 13, 2357-2369.	7.3	174
57	Nanomedicines for Reactive Oxygen Species Mediated Approach: An Emerging Paradigm for Cancer Treatment. Accounts of Chemical Research, 2019, 52, 1771-1782.	7.6	248
58	Bundling mRNA Strands to Prepare Nanoâ€Assemblies with Enhanced Stability Towards RNase for Inâ€…Vivo Delivery. Angewandte Chemie - International Edition, 2019, 58, 11360-11363.	7.2	40
59	Sonodynamic Therapy With Anticancer Micelles and High-Intensity Focused Ultrasound in Treatment of Canine Cancer. Frontiers in Pharmacology, 2019, 10, 545.	1.6	38
60	Dexamethasone Increases Cisplatin-Loaded Nanocarrier Delivery and Efficacy in Metastatic Breast Cancer by Normalizing the Tumor Microenvironment. ACS Nano, 2019, 13, 6396-6408.	7.3	97
61	Bundling mRNA Strands to Prepare Nanoâ€Assemblies with Enhanced Stability Towards RNase for Inâ€…Vivo Delivery. Angewandte Chemie, 2019, 131, 11482-11485.	1.6	5
62	In vivo rendezvous of small nucleic acid drugs with charge-matched block catiomers to target cancers. Nature Communications, 2019, 10, 1894.	5.8	53
63	Treatment of Intervertebral Disk Disease by the Administration of mRNA Encoding a Cartilage-Anabolic Transcription Factor. Molecular Therapy - Nucleic Acids, 2019, 16, 162-171.	2.3	27
64	Glucose transporter 1-mediated vascular translocation of nanomedicines enhances accumulation and efficacy in solid tumors. Journal of Controlled Release, 2019, 301, 28-41.	4.8	56
65	Anti-cancer Effects of a Chemically Modified miR-143 on Bladder Cancer by Either Systemic or Intravesical Treatment. Molecular Therapy - Methods and Clinical Development, 2019, 13, 290-302.	1.8	14
66	Synthetic miR-143 Exhibited an Anti-Cancer Effect via the Downregulation of K-RAS Networks of Renal Cell Cancer Cells InÂVitro and InÂVivo. Molecular Therapy, 2019, 27, 1017-1027.	3.7	39
67	Self-Assembly of siRNA/PEG-b-Catiomer at Integer Molar Ratio into 100 nm-Sized Vesicular Polyion Complexes (siRNAsomes) for RNAi and Codelivery of Cargo Macromolecules. Journal of the American Chemical Society, 2019, 141, 3699-3709.	6.6	54
68	Induced packaging of mRNA into polyplex micelles by regulated hybridization with a small number of cholesteryl RNA oligonucleotides directed enhanced in vivo transfection. Biomaterials, 2019, 197, 255-267.	5.7	50
69	Glucose-linked sub-50-nm unimer polyion complex-assembled gold nanoparticles for targeted siRNA delivery to glucose transporter 1-overexpressing breast cancer stem-like cells. Journal of Controlled Release, 2019, 295, 268-277.	4.8	82
70	Precise tuning of disulphide crosslinking in mRNA polyplex micelles for optimising extracellular and intracellular nuclease tolerability. Journal of Drug Targeting, 2019, 27, 670-680.	2.1	52
71	Helmuth MÃ¶hwald (1946â€“2018). ACS Nano, 2018, 12, 3053-3055.	7.3	0
72	Treatment of Bone Defects by Transplantation of Genetically Modified Mesenchymal Stem Cell Spheroids. Molecular Therapy - Methods and Clinical Development, 2018, 9, 358-366.	1.8	28

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73	Therapeutic Nanoreactors as In Vivo Nanoplatforms for Cancer Therapy. Chemistry - A European Journal, 2018, 24, 15706-15724.	1.7	54
74	Enhanced Intracellular Delivery of siRNA by Controlling ATPâ€Responsivity of Phenylboronic Acidâ€Functionalized Polyion Complex Micelles. Macromolecular Bioscience, 2018, 18, 1700357.	2.1	34
75	Combined CatWalk Index: an improved method to measure mouse motor function using the automated gait analysis system. BMC Research Notes, 2018, 11, 263.	0.6	24
76	Polyion complex micelle formation from double-hydrophilic block copolymers composed of charged and non-charged segments in aqueous media. Polymer Journal, 2018, 50, 95-100.	1.3	66
77	Designing immunostimulatory double stranded messenger RNA with maintained translational activity through hybridization with poly A sequences for effective vaccination. Biomaterials, 2018, 150, 162-170.	5.7	41
78	The 15th Anniversary of the U.S. National Nanotechnology Initiative. ACS Nano, 2018, 12, 10567-10569.	7.3	3
79	Epirubicin-loaded polymeric micelles effectively treat axillary lymph nodes metastasis of breast cancer through selective accumulation and pH-triggered drug release. Journal of Controlled Release, 2018, 292, 130-140.	4.8	53
80	Robust Polyion Complex Vesicles (PICsomes) under Physiological Conditions Reinforced by Multiple Hydrogen Bond Formation Derived by Guanidinium Groups. Biomacromolecules, 2018, 19, 4113-4121.	2.6	33
81	Tuned Density of Anti-Tissue Factor Antibody Fragment onto siRNA-Loaded Polyion Complex Micelles for Optimizing Targetability into Pancreatic Cancer Cells. Biomacromolecules, 2018, 19, 2320-2329.	2.6	34
82	Block Copolymer Micelles in Nanomedicine Applications. Chemical Reviews, 2018, 118, 6844-6892.	23.0	925
83	Prolonged engraftment of transplanted hepatocytes in the liver by transient pro-survival factor supplementation using ex vivo mRNA transfection. Journal of Controlled Release, 2018, 285, 1-11.	4.8	12
84	Targeting ability of self-assembled nanomedicines in rat acute limb ischemia model is affected by size. Journal of Controlled Release, 2018, 286, 394-401.	4.8	7
85	Abstract 3959: PRDM14 silencing by siRNA combined with an innovative nanoparticle reduced breast tumor formation and metastasis in vivo. , 2018, , .		0
86	Effect of shear stress on structure and function of polyplex micelles from poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td (g	5.7	53
87	Enzyme-Loaded Polyion Complex Vesicles as in Vivo Nanoreactors Working Sustainably under the Blood Circulation: Characterization and Functional Evaluation. Biomacromolecules, 2017, 18, 1189-1196.	2.6	54
88	Proteasome Inhibitorâ€"Loaded Micelles Enhance Antitumor Activity Through Macrophage Reprogramming by NF-ÎºB Inhibition. Journal of Pharmaceutical Sciences, 2017, 106, 2438-2446.	1.6	9
89	Inhibition of PRDM14 expression in pancreatic cancer suppresses cancer stem-like properties and liver metastasis in mice. Carcinogenesis, 2017, 38, 638-648.	1.3	42
90	Innentitelbild: Molecularly Imprinted Nanogels Acquire Stealth Inâ€...Situ by Cloaking Themselves with Native Dysopsonic Proteins (Angew. Chem. 25/2017). Angewandte Chemie, 2017, 129, 7110-7110.	1.6	0

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91	cRGD peptide-installed epirubicin-loaded polymeric micelles for effective targeted therapy against brain tumors. Journal of Controlled Release, 2017, 258, 56-66.	4.8	104
92	Molecularly Imprinted Nanogels Acquire Stealth Inâ€…Situ by Cloaking Themselves with Native Dysopsonic Proteins. Angewandte Chemie - International Edition, 2017, 56, 7088-7092.	7.2	115
93	Molecularly Imprinted Nanogels Acquire Stealth Inâ€…Situ by Cloaking Themselves with Native Dysopsonic Proteins. Angewandte Chemie, 2017, 129, 7194-7198.	1.6	33
94	Poly(ethylene glycol) Crowding as Critical Factor To Determine pDNA Packaging Scheme into Polyplex Micelles for Enhanced Gene Expression. Biomacromolecules, 2017, 18, 36-43.	2.6	38
95	In memory of Professor Teiji Tsuruta; great mentor in polymeric biomaterials. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 879-880.	1.9	0
96	Secondaryâ€Structureâ€Driven Selfâ€Assembly of Reactive Polypept(o)ides: Controlling Size, Shape, and Function of Core Crossâ€Linked Nanostructures. Angewandte Chemie - International Edition, 2017, 56, 9608-9613.	7.2	69
97	Nanomaterial-Enabled Cancer Therapy. Molecular Therapy, 2017, 25, 1501-1513.	3.7	110
98	SekundÃ¤rstrukturbildung als Triebkraft fÃ¼r die Selbstorganisation reaktiver Polypept(o)ide: Steuerung von GrÃ¶ÃŸe, Form und Funktion kernvernetzter Nanostrukturen. Angewandte Chemie, 2017, 129, 9737-9742.	1.6	12
99	Facile Preparation of Delivery Platform of Water-Soluble Low-Molecular-Weight Drugs Based on Polyion Complex Vesicle (PICsome) Encapsulating Mesoporous Silica Nanoparticle. ACS Biomaterials Science and Engineering, 2017, 3, 807-815.	2.6	13
100	Diverse Applications of Nanomedicine. ACS Nano, 2017, 11, 2313-2381.	7.3	976
101	Multilayered polyion complexes with dissolvable silica layer covered by controlling densities of cRGD-conjugated PEG chains for cancer-targeted siRNA delivery. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1109-1123.	1.9	5
102	Polymeric micelles for targeted tumor therapy of platinum anticancer drugs. Expert Opinion on Drug Delivery, 2017, 14, 1423-1438.	2.4	47
103	Block copolymer-boron cluster conjugate for effective boron neutron capture therapy of solid tumors. Journal of Controlled Release, 2017, 254, 1-9.	4.8	70
104	A facile amino-functionalization of poly(2-oxazoline)sâ€™ distal end through sequential azido end-capping and Staudinger reactions. European Polymer Journal, 2017, 88, 553-561.	2.6	17
105	Nanoparticle delivery of Cas9 ribonucleoprotein and donor DNA in vivo induces homology-directed DNA repair. Nature Biomedical Engineering, 2017, 1, 889-901.	11.6	566
106	Virusâ€Mimicking Chimaeric Polymersomes Boost Targeted Cancer siRNA Therapy In Vivo. Advanced Materials, 2017, 29, 1703285.	11.1	130
107	Glycaemic control boosts glucosylated nanocarrier crossing the BBB into the brain. Nature Communications, 2017, 8, 1001.	5.8	191
108	Effective treatment of drug resistant recurrent breast tumors harboring cancer stem-like cells by staurosporine/epirubicin co-loaded polymeric micelles. Journal of Controlled Release, 2017, 264, 127-135.	4.8	29

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109	Our First and Next Decades at ACS Nano. ACS Nano, 2017, 11, 7553-7555.	7.3	0
110	Therapeutic Vesicular Nanoreactors with Tumorâ€Specific Activation and Selfâ€Destruction for Synergistic Tumor Ablation. Angewandte Chemie - International Edition, 2017, 56, 14025-14030.	7.2	175
111	Therapeutic Vesicular Nanoreactors with Tumorâ€Specific Activation and Selfâ€Destruction for Synergistic Tumor Ablation. Angewandte Chemie, 2017, 129, 14213-14218.	1.6	45
112	Controlled Fab installation onto polymeric micelle nanoparticles for tuned bioactivity. Science and Technology of Advanced Materials, 2017, 18, 666-680.	2.8	23
113	Systemic Delivery of Folate-PEG siRNA Lipopolyplexes with Enhanced Intracellular Stability for In Vivo Gene Silencing in Leukemia. Bioconjugate Chemistry, 2017, 28, 2393-2409.	1.8	42
114	Synthetic â€œsmart gelâ€•provides glucose-responsive insulin delivery in diabetic mice. Science Advances, 2017, 3, eaaq0723.	4.7	118
115	Polyplex Micelles with Phenylboronate/Gluconamide Cross-Linking in the Core Exerting Promoted Gene Transfection through Spatiotemporal Responsivity to Intracellular pH and ATP Concentration. Journal of the American Chemical Society, 2017, 139, 18567-18575.	6.6	71
116	Unilamellar polyion complex vesicles (PICsomes) with tunable permeabilities for macromolecular solutes with different shapes and sizes. Polymer, 2017, 133, 1-7.	1.8	17
117	Sonodynamic Therapy Based on Combined Use of Low Dose Administration of Epirubicin-Incorporating Drug Delivery System and Focused Ultrasound. Ultrasound in Medicine and Biology, 2017, 43, 2295-2301.	0.7	30
118	Heterocyclic boronic acids display sialic acid selective binding in a hypoxic tumor relevant acidic environment. Chemical Science, 2017, 8, 6165-6170.	3.7	48
119	cRGD peptide installation on cisplatin-loaded nanomedicines enhances efficacy against locally advanced head and neck squamous cell carcinoma bearing cancer stem-like cells. Journal of Controlled Release, 2017, 261, 275-286.	4.8	31
120	Polyplex micelle installing intracellular self-processing functionalities without free catiomers for safe and efficient systemic gene therapy through tumor vasculature targeting. Biomaterials, 2017, 113, 253-265.	5.7	55
121	A Big Year Ahead for Nano in 2018. ACS Nano, 2017, 11, 11755-11757.	7.3	1
122	Silencing PRDM14 expression by an innovative RNAi therapy inhibits stemness, tumorigenicity, and metastasis of breast cancer. Oncotarget, 2017, 8, 46856-46874.	0.8	28
123	Systemically Injectable Enzymeâ€Loaded Polyion Complex Vesicles as In Vivo Nanoreactors Functioning in Tumors. Angewandte Chemie, 2016, 128, 570-575.	1.6	28
124	Macromol. Rapid Commun. 6/2016. Macromolecular Rapid Communications, 2016, 37, 560-560.	2.0	0
125	Targeting the Notch-regulated non-coding RNA TUG1 for glioma treatment. Nature Communications, 2016, 7, 13616.	5.8	267
126	Messenger RNA delivery of a cartilage-anabolic transcription factor as a disease-modifying strategy for osteoarthritis treatment. Scientific Reports, 2016, 6, 18743.	1.6	99

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127	593. Anti-Angiogenic Therapy for Pancreatic Cancer by Systemic Delivery of Messenger RNA Using Polyplex Nano Micelle. Molecular Therapy, 2016, 24, S234-S235.	3.7	1
128	Rapid Cancer Fluorescence Imaging Using A Î³-Glutamyltranspeptidase-Specific Probe For Primary Lung Cancer. Translational Oncology, 2016, 9, 203-210.	1.7	33
129	A pH-activatable nanoparticle with signal-amplification capabilities for non-invasive imaging of tumour malignancy. Nature Nanotechnology, 2016, 11, 724-730.	15.6	411
130	Adequately-Sized Nanocarriers Allow Sustained Targeted Drug Delivery to Neointimal Lesions in Rat Arteries. Molecular Pharmaceutics, 2016, 13, 2108-2116.	2.3	16
131	Micelles: Rod-to-Globule Transition of pDNA/PEG-Poly(l -Lysine) Polyplex Micelles Induced by a Collapsed Balance Between DNA Rigidity and PEG Crowdedness (Small 9/2016). Small, 2016, 12, 1244-1244.	5.2	2
132	Eradication of CD44-variant positive population in head and neck tumors through controlled intracellular navigation of cisplatin-loaded nanomedicines. Journal of Controlled Release, 2016, 230, 26-33.	4.8	17
133	Nanomedicines Eradicating Cancer Stem-like Cells in Vivo by pH-Triggered Intracellular Cooperative Action of Loaded Drugs. ACS Nano, 2016, 10, 5643-5655.	7.3	63
134	Targeted systemic delivery of siRNA to cervical cancer model using cyclic RGD-installed unimer polyion complex-assembled gold nanoparticles. Journal of Controlled Release, 2016, 244, 247-256.	4.8	87
135	KLF15 Enables Rapid Switching between Lipogenesis and Gluconeogenesis during Fasting. Cell Reports, 2016, 16, 2373-2386.	2.9	94
136	Nano on reflection. Nature Nanotechnology, 2016, 11, 828-834.	15.6	30
137	Development of polymeric micelles for targeting intractable cancers. Cancer Science, 2016, 107, 867-874.	1.7	149
138	Enhanced efficacy against cervical carcinomas through polymeric micelles physically incorporating the proteasome inhibitor MG 132. Cancer Science, 2016, 107, 773-781.	1.7	13
139	Advances and hurdles to clinical translation of RNAi therapeutics. Advanced Drug Delivery Reviews, 2016, 104, 1.	6.6	6
140	Treatment of spinal cord injury by an advanced cell transplantation technology using brain-derived neurotrophic factor-transfected mesenchymal stem cell spheroids. Biomaterials, 2016, 109, 1-11.	5.7	50
141	Longer latency of sensory response to intravenous odor injection predicts olfactory neural disorder. Scientific Reports, 2016, 6, 35361.	1.6	16
142	Nanoscale self-assemblies of PEG-poly(amino acid) block copolymers: Polymeric micellar DDS. Drug Delivery System, 2016, 31, 283-292.	0.0	0
143	Polymer nanotechnology for nucleic acid delivery. Drug Delivery System, 2016, 31, 44-53.	0.0	1
144	A Membrane-integrated Microfluidic Device to Study Permeation of Nanoparticles through Straight Micropores toward Rational Design of Nanomedicines. Analytical Sciences, 2016, 32, 1307-1314.	0.8	8

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145	Rodâ€toâ€Globule Transition of pDNA/PEGâ€"Poly(<scp>l</scp>â€Lysine) Polyplex Micelles Induced by a Collapsed Balance Between DNA Rigidity and PEG Crowdedness. Small, 2016, 12, 1193-1200.	5.2	31
146	Systemically Injectable Enzymeâ€Loaded Polyion Complex Vesicles as In Vivo Nanoreactors Functioning in Tumors. Angewandte Chemie - International Edition, 2016, 55, 560-565.	7.2	149
147	Recent progress in development of siRNA delivery vehicles for cancer therapy. Advanced Drug Delivery Reviews, 2016, 104, 61-77.	6.6	346
148	Lipid- and polyion complex-based micelles as agonist platforms for TNFR superfamily receptors. Journal of Controlled Release, 2016, 234, 104-114.	4.8	21
149	In situ messenger RNA delivery of a cartilage-anabolic transcription factor using polyplex nanomicelles exerts a disease-modifying effect on osteoarthritis. Osteoarthritis and Cartilage, 2016, 24, S27-S28.	0.6	0
150	Messenger RNA-based therapeutics for brain diseases: An animal study for augmenting clearance of beta-amyloid by intracerebral administration of neprilysin mRNA loaded in polyplex nanomicelles. Journal of Controlled Release, 2016, 235, 268-275.	4.8	82
151	Influence of RNA Strand Rigidity on Polyion Complex Formation with Block Catiomers. Macromolecular Rapid Communications, 2016, 37, 486-493.	2.0	67
152	In vivo evaluation of neutron capture therapy effectivity using calcium phosphate-based nanoparticles as Gd-DTPA delivery agent. Journal of Cancer Research and Clinical Oncology, 2016, 142, 767-775.	1.2	39
153	siRNA-Loaded Polyion Complex Micelle Decorated with Charge-Conversional Polymer Tuned to Undergo Stepwise Response to Intra-Tumoral and Intra-Endosomal pHs for Exerting Enhanced RNAi Efficacy. Biomacromolecules, 2016, 17, 246-255.	2.6	48
154	A Nanoparticle Platform To Evaluate Bioconjugation and Receptor-Mediated Cell Uptake Using Cross-Linked Polyion Complex Micelles Bearing Antibody Fragments. Biomacromolecules, 2016, 17, 1818-1833.	2.6	35
155	Vascular bursts enhance permeability of tumour blood vessels and improve nanoparticle delivery. Nature Nanotechnology, 2016, 11, 533-538.	15.6	338
156	Analyzing spatiotemporal distribution of uniquely fluorescent nanoparticles in xenograft tumors. Journal of Controlled Release, 2016, 227, 38-44.	4.8	22
157	Integrated nanotechnology platform for tumor-targeted multimodal imaging and therapeutic cargo release. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1877-1882.	3.3	55
158	Synthetic Polyamines to Regulate mRNA Translation through the Preservative Binding of Eukaryotic Initiation Factor 4E to the Cap Structure. Journal of the American Chemical Society, 2016, 138, 1478-1481.	6.6	33
159	Calcium phosphate-based organicâ€"inorganic hybrid nanocarriers with pH-responsive on/off switch for photodynamic therapy. Biomaterials Science, 2016, 4, 826-838.	2.6	59
160	Hydroxychloroquine-conjugated gold nanoparticles for improved siRNA activity. Biomaterials, 2016, 90, 62-71.	5.7	46
161	Systemic delivery of siRNA by actively targeted polyion complex micelles for silencing the E6 and E7 human papillomavirus oncogenes. Journal of Controlled Release, 2016, 231, 29-37.	4.8	42
162	Polyplex Micelles with Double-Protective Compartments of Hydrophilic Shell and Thermoswitchable Palisade of Poly(oxazoline)-Based Block Copolymers for Promoted Gene Transfection. Biomacromolecules, 2016, 17, 354-361.	2.6	51

#	Article	IF	Citations
163	Systemic delivery of messenger RNA for the treatment of pancreatic cancer using polyplex nanomicelles with a cholesterol moiety. Biomaterials, 2016, 82, 221-228.	5.7	121
164	Intracellular Delivery of Charge-Converted Monoclonal Antibodies by Combinatorial Design of Block/Homo Polyion Complex Micelles. Biomacromolecules, 2016, 17, 446-453.	2.6	82
165	Enhanced target recognition of nanoparticles by cocktail PEGylation with chains of varying lengths. Chemical Communications, 2016, 52, 1517-1519.	2.2	31
166	Preparation of Polyion Complex Micelles Using Block Copolymers for SiRNA Delivery. Methods in Molecular Biology, 2016, 1364, 89-103.	0.4	6
167	Nanoparticles Effectively Target Rapamycin Delivery to Sites of Experimental Aortic Aneurysm in Rats. PLoS ONE, 2016, 11, e0157813.	1.1	34
168	Improved brain expression of anti-amyloid Î² scFv by complexation of mRNA including a secretion sequence with PEG-based block catiomer. Current Alzheimer Research, 2016, 13, 1-1.	0.7	24
169	Messenger RNA-based therapeutics for the treatment of apoptosis-associated diseases. Scientific Reports, 2015, 5, 15810.	1.6	80
170	491. Messenger RNA (mRNA)-Based Gene Therapy for Introducing Anti-Apoptotic Factor. Molecular Therapy, 2015, 23, S195.	3.7	1
171	Enteral siRNA delivery technique for therapeutic gene silencing in the liver via the lymphatic route. Scientific Reports, 2015, 5, 17035.	1.6	26
172	Gene Transfection toward Spheroid Cells on Micropatterned Culture Plates for Genetically-modified Cell Transplantation. Journal of Visualized Experiments, 2015, , e52384.	0.2	3
173	Block copolymer hybrid calcium phosphate micelles for cancer diagnosis and neutron capture therapy. Journal of Controlled Release, 2015, 213, e88.	4.8	3
174	[OPINION]Border-less curiosity. Drug Delivery System, 2015, 30, 180-181.	0.0	0
175	Screening of mRNA Chemical Modification to Maximize Protein Expression with Reduced Immunogenicity. Pharmaceutics, 2015, 7, 137-151.	2.0	76
176	Development of Biodegradable Polycation-Based Inhalable Dry Gene Powders by Spray Freeze Drying. Pharmaceutics, 2015, 7, 233-254.	2.0	43
177	MRI-detectable polymeric micelles incorporating platinum anticancer drugs enhance survival in an advanced hepatocellular carcinoma model. International Journal of Nanomedicine, 2015, 10, 4137.	3.3	11
178	Ligand-directed targeting of lymphatic vessels uncovers mechanistic insights in melanoma metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 2521-2526.	3.3	16
179	Hybrid Calcium Phosphate-Polymeric Micelles Incorporating Gadolinium Chelates for Imaging-Guided Gadolinium Neutron Capture Tumor Therapy. ACS Nano, 2015, 9, 5913-5921.	7.3	119
180	Density-tunable conjugation of cyclic RGD ligands with polyion complex vesicles for the neovascular imaging of orthotopic glioblastomas. Science and Technology of Advanced Materials, 2015, 16, 035004.	2.8	32

#	Article	IF	Citations
181	Precisely regulated nanoarchitecture comprised of gold nanotemplate and unimer polyion complex for systemic delivery of siRNA. Journal of Controlled Release, 2015, 213, e75-e76.	4.8	0
182	Treatment of neurological disorders by introducing mRNA in vivo using polyplex nanomicelles. Journal of Controlled Release, 2015, 201, 41-48.	4.8	92
183	Regulated protonation of polyaspartamide derivatives bearing repeated aminoethylene side chains for efficient intracellular siRNA delivery with minimal cytotoxicity. Chemical Communications, 2015, 51, 3158-3161.	2.2	19
184	Toroidal Packaging of pDNA into Block Ionomer Micelles Exerting Promoted in Vivo Gene Expression. Biomacromolecules, 2015, 16, 2664-2671.	2.6	21
185	Effect of Knockout of Mdr1a and Mdr1b ABCB1 Genes on the Systemic Exposure of a Doxorubicin-Conjugated Block Copolymer in Mice. Molecular Pharmaceutics, 2015, 12, 3175-3183.	2.3	5
186	Accelerating the Translation of Nanomaterials in Biomedicine. ACS Nano, 2015, 9, 6644-6654.	7.3	279
187	Systemic Targeting of Lymph Node Metastasis through the Blood Vascular System by Using Size-Controlled Nanocarriers. ACS Nano, 2015, 9, 4957-4967.	7.3	118
188	General considerations regarding the in vitro and in vivo properties of block copolymer micelle products and their evaluation. Journal of Controlled Release, 2015, 210, 76-83.	4.8	63
189	Ternary polyplex micelles with PEG shells and intermediate barrier to complexed DNA cores for efficient systemic gene delivery. Journal of Controlled Release, 2015, 209, 77-87.	4.8	62
190	Feasibility of a subcutaneously administered block/homo-mixed polyplex micelle as a carrier for DNA vaccination in a mouse tumor model. Journal of Controlled Release, 2015, 206, 220-231.	4.8	25
191	Polymeric Micelle Platform for Multimodal Tomographic Imaging to Detect Scirrhous Gastric Cancer. ACS Biomaterials Science and Engineering, 2015, 1, 1067-1076.	2.6	20
192	DNA/RNA heteroduplex oligonucleotide for highly efficient gene silencing. Nature Communications, 2015, 6, 7969.	5.8	99
193	Induction of Secondary Structure through Micellization of an Oppositely Charged Pair of Homochiral Blockâ€•and Homopolypeptides in an Aqueous Medium. Macromolecular Rapid Communications, 2015, 36, 1958-1964.	2.0	17
194	A tadpole-shaped gene carrier with distinct phase segregation in a ternary polymeric micelle. Soft Matter, 2015, 11, 2718-2722.	1.2	5
195	cRGD-installed polymeric micelles loading platinum anticancer drugs enable cooperative treatment against lymph node metastasis. Journal of Controlled Release, 2015, 220, 783-791.	4.8	29
196	Antibody fragment-conjugated polymeric micelles incorporating platinum drugs for targeted therapy of pancreatic cancer. Biomaterials, 2015, 39, 23-30.	5.7	125
197	Intrathecal injection of a therapeutic gene-containing polyplex to treat spinal cord injury. Journal of Controlled Release, 2015, 197, 1-9.	4.8	24
198	Abstract 5113: Rapid Cancer Imaging By GGT-targeted Fluorescence Probe For Primary Lung Cancer. , 2015, , .		2

#	Article	IF	Citations
199	MicroRNAs Induce Epigenetic Reprogramming and Suppress Malignant Phenotypes of Human Colon Cancer Cells. PLoS ONE, 2015, 10, e0127119.	1.1	32
200	Abstract 4401: Tumor-associated antigen gene-loading polyplex micelle is a promising platform for anti-cancer DNA vaccine. , 2015, , .		1
201	The initiatives for regulatory science researches of nanomedicines. Drug Delivery System, 2014, 29, 217-225.	0.0	2
202	Highly cited research articles in Journal of Controlled Release: Commentaries and perspectives by authors. Journal of Controlled Release, 2014, 190, 29-74.	4.8	394
203	Structural factors directing nanosized polyion complex vesicles (Nano-PICsomes) to form a pair of block aniomer/homo catiomers: studies on the aniomer segment length and the catiomer side-chain structure. Polymer Journal, 2014, 46, 130-135.	1.3	36
204	Gene Regulation by Intracellular Delivery and Photodegradation of Nanoparticles Containing Small Interfering RNA. Macromolecular Bioscience, 2014, 14, 626-631.	2.1	12
205	Fineâ€Tuning of Chargeâ€Conversion Polymer Structure for Efficient Endosomal Escape of siRNAâ€Loaded Calcium Phosphate Hybrid Micelles. Macromolecular Rapid Communications, 2014, 35, 1211-1215.	2.0	44
206	An injectable spheroid system with genetic modification for cell transplantation therapy. Biomaterials, 2014, 35, 2499-2506.	5.7	36
207	siRNA delivery from triblock copolymer micelles with spatially-ordered compartments of PEG shell, siRNA-loaded intermediate layer, and hydrophobic core. Biomaterials, 2014, 35, 4548-4556.	5.7	76
208	Systemic siRNA delivery to a spontaneous pancreatic tumor model in transgenic mice by PEGylated calcium phosphate hybrid micelles. Journal of Controlled Release, 2014, 178, 18-24.	4.8	108
209	Multifunctional polyion complex micelle featuring enhanced stability, targetability, and endosome escapability for systemic siRNA delivery to subcutaneous model of lung cancer. Drug Delivery and Translational Research, 2014, 4, 50-60.	3.0	43
210	Elucidating the molecular mechanism for the intracellular trafficking and fate of block copolymer micelles and their components. Biomaterials, 2014, 35, 1347-1358.	5.7	25
211	Multicompartment Micelles with Adjustable Poly(ethylene glycol) Shell for Efficient in Vivo Photodynamic Therapy. ACS Nano, 2014, 8, 1161-1172.	7.3	78
212	Polyion Complex Vesicles for Photoinduced Intracellular Delivery of Amphiphilic Photosensitizer. Journal of the American Chemical Society, 2014, 136, 157-163.	6.6	171
213	Light-Induced Cytosolic Activation of Reduction-Sensitive Camptothecin-Loaded Polymeric Micelles for Spatiotemporally Controlled in Vivo Chemotherapy. ACS Nano, 2014, 8, 11591-11602.	7.3	94
214	Bioresponsive Polymer-Based Nucleic Acid Carriers. Advances in Genetics, 2014, 88, 289-323.	0.8	18
215	Size-Dependent Knockdown Potential of siRNA-Loaded Cationic Nanohydrogel Particles. Biomacromolecules, 2014, 15, 4111-4121.	2.6	59
216	Editorial. Journal of Controlled Release, 2014, 193, 1.	4.8	3

#	Article	IF	Citations
217	Precise Engineering of siRNA Delivery Vehicles to Tumors Using Polyion Complexes and Gold Nanoparticles. ACS Nano, 2014, 8, 8979-8991.	7.3	126
218	Progress of drug-loaded polymeric micelles into clinical studies. Journal of Controlled Release, 2014, 190, 465-476.	4.8	708
219	Modulated Protonation of Side Chain Aminoethylene Repeats in N-Substituted Polyaspartamides Promotes mRNA Transfection. Journal of the American Chemical Society, 2014, 136, 12396-12405.	6.6	113
220	Actively-targeted polyion complex micelles stabilized by cholesterol and disulfide cross-linking for systemic delivery of siRNA to solid tumors. Biomaterials, 2014, 35, 7887-7895.	5.7	113
221	Polymeric micelles loaded with platinum anticancer drugs target preangiogenic micrometastatic niches associated with inflammation. Journal of Controlled Release, 2014, 189, 1-10.	4.8	43
222	Hydrothermally synthesized PEGylated calcium phosphate nanoparticles incorporating Gd-DTPA for contrast enhanced MRI diagnosis of solid tumors. Journal of Controlled Release, 2014, 174, 63-71.	4.8	102
223	Morphology Control in Water of Polyion Complex Nanoarchitectures of Double-Hydrophilic Charged Block Copolymers through Composition Tuning and Thermal Treatment. Macromolecules, 2014, 47, 3086-3092.	2.2	42
224	Fabrication of Polyion Complex Vesicles with Enhanced Salt and Temperature Resistance and Their Potential Applications as Enzymatic Nanoreactors. Biomacromolecules, 2014, 15, 2389-2397.	2.6	71
225	Optimized rod length of polyplex micelles for maximizing transfection efficiency and their performance in systemic gene therapy against stroma-rich pancreatic tumors. Biomaterials, 2014, 35, 5359-5368.	5.7	62
226	Chlorogenic acid administered intrathecally alleviates mechanical and cold hyperalgesia in a rat neuropathic pain model. European Journal of Pharmacology, 2014, 723, 459-464.	1.7	37
227	Targeted gene delivery by polyplex micelles with crowded PEG palisade and cRGD moiety for systemic treatment of pancreatic tumors. Biomaterials, 2014, 35, 3416-3426.	5.7	121
228	Muscle-targeted hydrodynamic gene introduction of insulin-like growth factor-1 using polyplex nanomicelle to treat peripheral nerve injury. Journal of Controlled Release, 2014, 183, 27-34.	4.8	22
229	Aggregation Behavior of Cationic Nanohydrogel Particles in Human Blood Serum. Biomacromolecules, 2014, 15, 1526-1533.	2.6	60
230	Three-layered polyplex micelle as a multifunctional nanocarrier platform for light-induced systemic gene transfer. Nature Communications, 2014, 5, 3545.	5.8	167
231	Bundled Assembly of Helical Nanostructures in Polymeric Micelles Loaded with Platinum Drugs Enhancing Therapeutic Efficiency against Pancreatic Tumor. ACS Nano, 2014, 8, 6724-6738.	7.3	141
232	Selective intracellular delivery of proteasome inhibitors through pH-sensitive polymeric micelles directed to efficient antitumor therapy. Journal of Controlled Release, 2014, 188, 67-77.	4.8	67
233	New directions in the design of phenylboronate-functionalized polymers for diagnostic and therapeutic applications. Polymer Journal, 2014, 46, 483-491.	1.3	34
234	Assessment of antitumor activity and acute peripheral neuropathy of 1,2-diaminocyclohexane platinum (II)-incorporating micelles (NC-4016). International Journal of Nanomedicine, 2014, 9, 3005.	3.3	59

#	Article	IF	Citations
235	Phenylboronic Acids-based Diagnostic and Therapeutic Applications. Analytical Sciences, 2014, 30, 111-117.	0.8	27
236	Intraperitoneal Administration of a Tumor-Associated Antigen SART3, CD40L, and GM-CSF Gene-Loaded Polyplex Micelle Elicits a Vaccine Effect in Mouse Tumor Models. PLoS ONE, 2014, 9, e101854.	1.1	27
237	Nanomaterials for Medical Innovation. Trends in the Sciences, 2014, 19, 12_8-12_16.	0.0	0
238	22. The impact of "Development of the polymer micelles carrier system for doxorubicin" on the nanomedicine realm: Original research article: Development of the polymer micelle carrier system for doxorubicin, 2001. Journal of Controlled Release, 2014, 190, 70-2.	4.8	1
239	Fine-Tuning of Repeating Aminoethyelene Units in Poly(aspartamide) Side Chains for Enhanced siRNA Delivery. ACS Symposium Series, 2013, , 189-196.	0.5	5
240	Tethered PEG Crowdedness Determining Shape and Blood Circulation Profile of Polyplex Micelle Gene Carriers. Macromolecules, 2013, 46, 6585-6592.	2.2	97
241	Block/homo polyplex micelle-based GM-CSF gene therapy via intraperitoneal administration elicits antitumor immunity against peritoneal dissemination and exhibits safety potentials in mice and cynomolgus monkeys. Journal of Controlled Release, 2013, 167, 238-247.	4.8	9
242	Living Unimodal Growth of Polyion Complex Vesicles via Two-Dimensional Supramolecular Polymerization. Journal of the American Chemical Society, 2013, 135, 1423-1429.	6.6	78
243	Phenylboronic Acid-Installed Polymeric Micelles for Targeting Sialylated Epitopes in Solid Tumors. Journal of the American Chemical Society, 2013, 135, 15501-15507.	6.6	286
244	Lipid Envelope-Type Nanoparticle Incorporating a Multifunctional Peptide for Systemic siRNA Delivery to the Pulmonary Endothelium. ACS Nano, 2013, 7, 7534-7541.	7.3	89
245	Cyclic RGD-Linked Polymeric Micelles for Targeted Delivery of Platinum Anticancer Drugs to Glioblastoma through the Bloodâ€"Brain Tumor Barrier. ACS Nano, 2013, 7, 8583-8592.	7.3	397
246	A toolbox of differently sized and labeled PMMA nanoparticles for cellular uptake investigations. Soft Matter, 2013, 9, 99-108.	1.2	46
247	Tumorâ€targeted chemotherapy with the nanopolymerâ€based drug <scp>NC</scp>â€6004 for oral squamous cell carcinoma. Cancer Science, 2013, 104, 369-374.	1.7	97
248	Polymeric Micelles for siRNA Delivery. Advances in Delivery Science and Technology, 2013, , 161-184.	0.4	7
249	The Antinociceptive Effect of SNAP5114, a Gamma-Aminobutyric Acid Transporter-3 Inhibitor, in Rat Experimental Pain Models. Anesthesia and Analgesia, 2013, 116, 1162-1169.	1.1	23
250	Acidic pHâ€Responsive siRNA Conjugate for Reversible Carrier Stability and Accelerated Endosomal Escape with Reduced IFNÎ±â€Associated Immune Response. Angewandte Chemie - International Edition, 2013, 52, 6218-6221.	7.2	103
251	SPIO-PICsome: Development of a highly sensitive and stealth-capable MRI nano-agent for tumor detection using SPIO-loaded unilamellar polyion complex vesicles (PICsomes). Journal of Controlled Release, 2013, 169, 220-227.	4.8	56
252	Biomolecular robotics for chemomechanically driven guest delivery fuelled by intracellular ATP. Nature Chemistry, 2013, 5, 613-620.	6.6	195

#	Article	IF	Citations
253	Direct formation of giant unilamellar vesicles from microparticles of polyion complexes and investigation of their properties using a microfluidic chamber. Soft Matter, 2013, 9, 5448.	1.2	22
254	Gd-DTPA-loaded polymerâ€"metal complex micelles with high relaxivity for MRÂcancer imaging. Biomaterials, 2013, 34, 492-500.	5.7	103
255	Silica nanogelling of environment-responsive PEGylated polyplexes for enhanced stability and intracellular delivery of siRNA. Biomaterials, 2013, 34, 562-570.	5.7	29
256	Glycogen shortage during fasting triggers liverâ€"brainâ€"adipose neurocircuitry to facilitate fat utilization. Nature Communications, 2013, 4, 2316.	5.8	84
257	Targeted therapy of spontaneous murine pancreatic tumors by polymeric micelles prolongs survival and prevents peritoneal metastasis. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 11397-11402.	3.3	91
258	Transcription Factor YY1 Contributes to Tumor Growth by Stabilizing Hypoxia Factor HIF-1Î± in a p53-Independent Manner. Cancer Research, 2013, 73, 1787-1799.	0.4	62
259	Size effect of complexed plasmid DNA to gene transfection efficiency of microbubble-mediated sonoporation. Proceedings of Meetings on Acoustics, 2013, , .	0.3	0
260	Bridging Polymer Science and Medicine Through Supramolecular Nanoassemblies. Advances in Polymer Science, 2013, , 249-262.	0.4	1
261	Intravital Real-Time Confocal Laser Scanning Microscopy for the In Situ Evaluation of Nanocarriers. , 2013, , 607-620.		1
262	In Vivo Messenger RNA Introduction into the Central Nervous System Using Polyplex Nanomicelle. PLoS ONE, 2013, 8, e56220.	1.1	107
263	Glucose-Responsive Gel for Self-Regulated Insulin Delivery System. Drug Delivery System, 2013, 28, 119-126.	0.0	2
264	Abstract A59: Block/homo polyplex micelle-based GM-CSF gene therapy via intraperitoneal administration elicits antitumor immunity against peritoneal dissemination and exhibits safety potentials in mice and monkeys.. , 2013, , .		0
265	Fullerene nanowires as a versatile platform for organic electronics. Scientific Reports, 2012, 2, 600.	1.6	42
266	Rational design of smart supramolecular assemblies for gene delivery: chemical challenges in the creation of artificial viruses. Chemical Society Reviews, 2012, 41, 2562-2574.	18.7	436
267	PEGylated nanoparticles for biological and pharmaceutical applications. Advanced Drug Delivery Reviews, 2012, 64, 246-255.	6.6	309
268	Ultrasound-Mediated Gene TransfectionIn vitro: Enhanced Efficiency by Complexation of Plasmid DNA. Japanese Journal of Applied Physics, 2012, 51, 07GF29.	0.8	4
269	PEGylated Polyplex With Optimized PEG Shielding Enhances Gene Introduction in Lungs by Minimizing Inflammatory Responses. Molecular Therapy, 2012, 20, 1196-1203.	3.7	62
270	Impact of polyplex micelles installed with cyclic RGD peptide as ligand on gene delivery to vascular lesions. Gene Therapy, 2012, 19, 61-69.	2.3	49

#	Article	IF	Citations
271	Smart Multilayered Assembly for Biocompatible siRNA Delivery Featuring Dissolvable Silica, Endosome-Disrupting Polycation, and Detachable PEG. ACS Nano, 2012, 6, 6693-6705.	7.3	92
272	Block copolymer micelles for drug delivery: Design, characterization and biological significance. Advanced Drug Delivery Reviews, 2012, 64, 37-48.	6.6	584
273	RÃ¼cktitelbild: A Phenylboronate-Functionalized Polyion Complex Micelle for ATP-Triggered Release of siRNA (Angew. Chem. 43/2012). Angewandte Chemie, 2012, 124, 11062-11062.	1.6	0
274	NanoPARCEL: a method for controlling cellular behavior with external light. Chemical Communications, 2012, 48, 8380.	2.2	24
275	PEG-detachable cationic polyaspartamide derivatives bearing stearoyl moieties for systemic siRNA delivery toward subcutaneous BxPC3 pancreatic tumor. Journal of Drug Targeting, 2012, 20, 33-42.	2.1	38
276	Dual stimuli-responsive dendritic-linear block copolymers. Chemical Communications, 2012, 48, 3662.	2.2	40
277	Dual Environment-Responsive Polyplex Carriers for Enhanced Intracellular Delivery of Plasmid DNA. Biomacromolecules, 2012, 13, 3641-3649.	2.6	58
278	Accelerated Polymerâ€"Polymer Click Conjugation by Freezeâ€"Thaw Treatment. Bioconjugate Chemistry, 2012, 23, 1503-1506.	1.8	36
279	Engineering fibrotic tissue in pancreatic cancer: A novel three-dimensional model to investigate nanoparticle delivery. Biochemical and Biophysical Research Communications, 2012, 419, 32-37.	1.0	40
280	Bioreducible polyether-based pDNA ternary polyplexes: Balancing particle stability and transfection efficiency. Colloids and Surfaces B: Biointerfaces, 2012, 99, 27-37.	2.5	22
281	A Phenylboronateâ€Functionalized Polyion Complex Micelle for ATPâ€Triggered Release of siRNA. Angewandte Chemie - International Edition, 2012, 51, 10751-10755.	7.2	200
282	Block copolymer micelles as long-circulating drug vehicles. Advanced Drug Delivery Reviews, 2012, 64, 237-245.	6.6	130
283	Bioactive Polymeric Metallosomes Self-Assembled through Block Copolymerâ€"Metal Complexation. Journal of the American Chemical Society, 2012, 134, 13172-13175.	6.6	81
284	Gene transfection to spheroid culture system on micropatterned culture plate by polyplex nanomicelle: a novel platform of genetically-modified cell transplantation. Drug Delivery and Translational Research, 2012, 2, 398-405.	3.0	12
285	A novel homogeneous irradiation fiber probe for whole bladder wall photodynamic therapy. Lasers in Surgery and Medicine, 2012, 44, 413-420.	1.1	14
286	Targeted Polymeric Micelles for siRNA Treatment of Experimental Cancer by Intravenous Injection. ACS Nano, 2012, 6, 5174-5189.	7.3	186
287	Innentitelbild: A Synthetic Approach Toward a Self-Regulated Insulin Delivery System (Angew. Chem.) Tj ETQq1 1 0.784314 rgBT /Overlo	1.6	0
288	Different Mechanisms for Nanoparticle Formation between pDNA and siRNA Using Polyrotaxane as the Polycation. ChemPhysChem, 2012, 13, 1161-1165.	1.0	12

#	Article	IF	Citations
289	Evaluation of intracellular trafficking and clearance from HeLa cells of doxorubicin-bound block copolymers. International Journal of Pharmaceutics, 2012, 423, 401-409.	2.6	26
290	Enhanced gene expression promoted by the quantized folding of pDNA within polyplex micelles. Biomaterials, 2012, 33, 325-332.	5.7	52
291	Enhanced stability and gene silencing ability of siRNA-loaded polyion complexes formulated from polyaspartamide derivatives with a repetitive array of amino groups in the side chain. Biomaterials, 2012, 33, 2770-2779.	5.7	73
292	Homo-catiomer integration into PEGylated polyplex micelle from block-catiomer for systemic anti-angiogenic gene therapy for fibrotic pancreatic tumors. Biomaterials, 2012, 33, 4722-4730.	5.7	61
293	Micellization of cisplatin (NC-6004) reduces its ototoxicity in guinea pigs. Journal of Controlled Release, 2012, 157, 112-117.	4.8	69
294	Polymeric micelles incorporating (1,2-diaminocyclohexane)platinum (II) suppress the growth of orthotopic scirrhous gastric tumors and their lymph node metastasis. Journal of Controlled Release, 2012, 159, 189-196.	4.8	67
295	Effective transgene expression without toxicity by intraperitoneal administration of PEG-detachable polyplex micelles in mice with peritoneal dissemination. Journal of Controlled Release, 2012, 160, 542-551.	4.8	22
296	Pancreatic cancer therapy by systemic administration of VEGF siRNA contained in calcium phosphate/charge-conversional polymer hybrid nanoparticles. Journal of Controlled Release, 2012, 161, 868-874.	4.8	103
297	A Synthetic Approach Toward a Selfâ€Regulated Insulin Delivery System. Angewandte Chemie - International Edition, 2012, 51, 2124-2128.	7.2	238
298	Inside Cover: A Synthetic Approach Toward a Self-Regulated Insulin Delivery System (Angew. Chem. Int.) Tj ETQq0 0 0 rgBT /Overlock 10	7.2	1
299	Photodynamic Therapy (PDT) and Diagnosis (PDD) with a Dendrimer Photosensitizer-encapsulated Polymeric Micelle. Nippon Laser Igakkaishi, 2012, 33, 104-109.	0.0	0
300	Abstract 3468: Endoscopic diagnosis and treatment of esophageal tumor using a novel DDS-type photoactivatable agent. , 2012, , .		0
301	Abstract 3469: Photodynamic diagnosis (PDD) and therapy (PDT) with dendrimer porphyrin micelle. , 2012, , .		0
302	Ultrasound-Mediated Gene TransfectionIn vitro: Enhanced Efficiency by Complexation of Plasmid DNA. Japanese Journal of Applied Physics, 2012, 51, 07GF29.	0.8	3
303	Size-controlled long-circulating PICsome as a ruler to measure critical cut-off disposition size into normal and tumor tissues. Chemical Communications, 2011, 47, 6054.	2.2	97
304	Accumulation of sub-100Ânm polymeric micelles in poorly permeable tumours depends on size. Nature Nanotechnology, 2011, 6, 815-823.	15.6	2,114
305	Effect of Polymer Structure on Micelles Formed between siRNA and Cationic Block Copolymer Comprising Thiols and Amidines. Biomacromolecules, 2011, 12, 3174-3185.	2.6	89
306	Oddâ€"Even Effect of Repeating Aminoethylene Units in the Side Chain of N-Substituted Polyaspartamides on Gene Transfection Profiles. Journal of the American Chemical Society, 2011, 133, 15524-15532.	6.6	199

#	Article	IF	Citations
307	Improving Drug Potency and Efficacy by Nanocarrier-Mediated Subcellular Targeting. Science Translational Medicine, 2011, 3, 64ra2.	5.8	231
308	Design of intelligent drug delivery systems for advanced medicine. Drug Delivery System, 2011, 26, 29-36.	0.0	1
309	Gene Transfer Using Micellar Nanovectors Inhibits Choroidal Neovascularization In Vivo. PLoS ONE, 2011, 6, e28560.	1.1	15
310	Progress and Prospects of Polyplex Nanomicelles for Plasmid DNA Delivery. Current Gene Therapy, 2011, 11, 457-465.	0.9	50
311	Gene Transfer Using Micellar Nanovectors Inhibits Corneal Neovascularization In Vivo. Cornea, 2011, 30, 1423-1427.	0.9	23
312	A Phase I clinical study of cisplatin-incorporated polymeric micelles (NC-6004) in patients with solid tumours. British Journal of Cancer, 2011, 104, 593-598.	2.9	352
313	Antiangiogenic gene therapy of experimental pancreatic tumor by sFlt-1 plasmid DNA carried by RGD-modified crosslinked polyplex micelles. Journal of Controlled Release, 2011, 149, 51-57.	4.8	86
314	Editorial. Journal of Controlled Release, 2011, 149, 1.	4.8	3
315	In situ quantitative monitoring of polyplexes and polyplex micelles in the blood circulation using intravital real-time confocal laser scanning microscopy. Journal of Controlled Release, 2011, 151, 104-109.	4.8	110
316	Combination of chondroitin sulfate and polyplex micelles from Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 387 Td (glycol)-poly- gene transfection with reduced toxicity. Journal of Controlled Release, 2011, 155, 296-302.	4.8	41
317	Dendrimer phthalocyanine-encapsulated polymeric micelle-mediated photochemical internalization extends the efficacy of photodynamic therapy and overcomes drug-resistance in vivo. Journal of Controlled Release, 2011, 155, 458-464.	4.8	128
318	Disulfide crosslinked polyion complex micelles encapsulating dendrimer phthalocyanine directed to improved efficiency of photodynamic therapy. Journal of Controlled Release, 2011, 155, 449-457.	4.8	66
319	Effect of integrin targeting and PEG shielding on polyplex micelle internalization studied by live-cell imaging. Journal of Controlled Release, 2011, 156, 364-373.	4.8	41
320	Supramolecular Nanodevices: From Design Validation to Theranostic Nanomedicine. Accounts of Chemical Research, 2011, 44, 999-1008.	7.6	278
321	Delivery of Nucleic Acid Drugs. Advances in Polymer Science, 2011, , 95-134.	0.4	27
322	Polyplex micelles prepared from Ï‰-cholesteryl PEG-polycation block copolymers for systemic gene delivery. Biomaterials, 2011, 32, 652-663.	5.7	101
323	Enhanced endosomal escape of siRNA-incorporating hybrid nanoparticles from calcium phosphate and PEG-block charge-conversional polymer for efficient gene knockdown with negligible cytotoxicity. Biomaterials, 2011, 32, 3106-3114.	5.7	157
324	Pluronic-based cationic block copolymer for forming pDNA polyplexes with enhanced cellular uptake and improved transfection efficiency. Biomaterials, 2011, 32, 4594-4603.	5.7	44

#	Article	IF	Citations
325	Polymeric micelles for nano-scale drug delivery. Reactive and Functional Polymers, 2011, 71, 227-234.	2.0	402
326	Antiangiogenic Gene Therapy of Solid Tumor by Systemic Injection of Polyplex Micelles Loading Plasmid DNA Encoding Soluble Flt-1. Molecular Pharmaceutics, 2010, 7, 501-509.	2.3	67
327	Versatile and Selective Synthesis of â€œClick Chemistryâ€•Compatible Heterobifunctional Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /	1.8	42
328	PEGâ€based Polyplex Design for Gene and Nucleotide Delivery. Israel Journal of Chemistry, 2010, 50, 175-184.	1.0	14
329	Enhanced transfection with silica-coated polyplexes loading plasmid DNA. Biomaterials, 2010, 31, 4764-4770.	5.7	29
330	Polyion complex stability and gene silencing efficiency with a siRNA-grafted polymer delivery system. Biomaterials, 2010, 31, 8097-8105.	5.7	122
331	pH-Sensitive Multi-PEGylated Block Copolymer as a Bioresponsive pDNA Delivery Vector. Pharmaceutical Research, 2010, 27, 2260-2273.	1.7	43
332	Polyplex nanomicelle promotes hydrodynamic gene introduction to skeletal muscle. Journal of Controlled Release, 2010, 143, 112-119.	4.8	53
333	Introduction of stearoyl moieties into a biocompatible cationic polyaspartamide derivative, PAsp(DET), with endosomal escaping function for enhanced siRNA-mediated gene knockdown. Journal of Controlled Release, 2010, 145, 141-148.	4.8	114
334	Efficient Delivery of Bioactive Antibodies into the Cytoplasm of Living Cells by Chargeâ€Conversional Polyion Complex Micelles. Angewandte Chemie - International Edition, 2010, 49, 2552-2555.	7.2	182
335	Assessment of Tumor Metastasis by the Direct Determination of Cellâ€Membrane Sialic Acid Expression. Angewandte Chemie - International Edition, 2010, 49, 5494-5497.	7.2	181
336	pDNA/poly(<scp>L</scp>â€lysine) Polyplexes Functionalized with a pHâ€Sensitive Chargeâ€Conversional Poly(aspartamide) Derivative for Controlled Gene Delivery to Human Umbilical Vein Endothelial Cells. Macromolecular Rapid Communications, 2010, 31, 1181-1186.	2.0	58
337	Macromolecular Synthetic Biomaterials for Delivery of Therapeutics. Macromolecular Rapid Communications, 2010, 31, 1121-1121.	2.0	0
338	Enhanced in vivo Magnetic Resonance Imaging of Tumors by PEGylated Ironâ€Oxideâ€"Gold Coreâ€"Shell Nanoparticles with Prolonged Blood Circulation Properties. Macromolecular Rapid Communications, 2010, 31, 1521-1528.	2.0	84
339	Self-assembled molecular gate field effect transistor for label free sialic acid detection at cell membrane. Procedia Engineering, 2010, 5, 926-929.	1.2	4
340	Biodegradable polyamino acid-based polycations as safe and effective gene carrier minimizing cumulative toxicity. Biomaterials, 2010, 31, 3707-3714.	5.7	189
341	Impact of polyplex micelles installed with cyclic RGD peptide as ligand on gene delivery to vascular lesions. Nature Precedings, 2010, , .	0.1	0
342	Minireview: Delivering the Code: Polyplex Carriers for Deoxyribonucleic Acid and Ribonucleic Acid Interference Therapies. Endocrinology, 2010, 151, 466-473.	1.4	67

#	Article	IF	Citations
343	siRNA-Based Therapy Ameliorates Glomerulonephritis. Journal of the American Society of Nephrology: JASN, 2010, 21, 622-633.	3.0	84
344	Polyunsaturated Fatty Acids Selectively Suppress Sterol Regulatory Element-binding Protein-1 through Proteolytic Processing and Autoloop Regulatory Circuit. Journal of Biological Chemistry, 2010, 285, 11681-11691.	1.6	120
345	Multifunctional nanoassemblies of block copolymers for future cancer therapy. Science and Technology of Advanced Materials, 2010, 11, 014109.	2.8	63
346	Visible Drug Delivery by Supramolecular Nanocarriers Directing to Single-Platformed Diagnosis and Therapy of Pancreatic Tumor Model. Cancer Research, 2010, 70, 7031-7041.	0.4	132
347	Spontaneous Formation of Nanosized Unilamellar Polyion Complex Vesicles with Tunable Size and Properties. Journal of the American Chemical Society, 2010, 132, 1631-1636.	6.6	219
348	Thermodynamics of DNA Condensation Induced by Poly(ethylene glycol)-block-polylysine through Polyion Complex Micelle Formation. Biomacromolecules, 2010, 11, 1180-1186.	2.6	47
349	Direct and instantaneous observation of intravenously injected substances using intravital confocal micro-videography. Biomedical Optics Express, 2010, 1, 1209.	1.5	62
350	Quantized Folding of Plasmid DNA Condensed with Block Catiomer into Characteristic Rod Structures Promoting Transgene Efficacy. Journal of the American Chemical Society, 2010, 132, 12343-12348.	6.6	83
351	A totally synthetic glucose responsive gel operating in physiological aqueous conditions. Chemical Communications, 2010, 46, 2203.	2.2	144
352	Development of polymeric micelles for innovative photodynamic therapy. Drug Delivery System, 2010, 25, 448-455.	0.0	0
353	Label free potentiometric sialic acid detection applicable to living cell diagnosis. , 2009, , .		0
354	Enhanced Percolation and Gene Expression in Tumor Hypoxia by PEGylated Polyplex Micelles. Molecular Therapy, 2009, 17, 1404-1410.	3.7	30
355	Nanopolymeric Therapeutics. MRS Bulletin, 2009, 34, 422-431.	1.7	51
356	Enhanced photodynamic cancer treatment by supramolecular nanocarriers charged with dendrimer phthalocyanine. Journal of Controlled Release, 2009, 133, 245-251.	4.8	142
357	Enhanced magnetic resonance imaging of experimental pancreatic tumor in vivo by block copolymer-coated magnetite nanoparticles with TGF-Î² inhibitor. Journal of Controlled Release, 2009, 140, 306-311.	4.8	60
358	PEGylated Calcium Phosphate Nanocomposites as Smart Environmentâ€Sensitive Carriers for siRNA Delivery. Advanced Materials, 2009, 21, 3520-3525.	11.1	94
359	Chemicalâ€toâ€Electricalâ€Signal Transduction Synchronized with Smart Gel Volume Phase Transition. Advanced Materials, 2009, 21, 4372-4378.	11.1	51
360	Intranuclear fluorescence resonance energy transfer analysis of plasmid DNA decondensation from nonviral gene carriers. Journal of Gene Medicine, 2009, 11, 615-623.	1.4	49

#	Article	IF	Citations
361	Chargeâ€Conversional Polyionic Complex Micellesâ€"Efficient Nanocarriers for Protein Delivery into Cytoplasm. Angewandte Chemie - International Edition, 2009, 48, 5309-5312.	7.2	311
362	Spontaneous Formation of Giant Unilamellar Vesicles from Microdroplets of a Polyion Complex by Thermally Induced Phase Separation. Angewandte Chemie - International Edition, 2009, 48, 4613-4616.	7.2	50
363	Inside Cover: Charge-Conversional Polyionic Complex Micelles-Efficient Nanocarriers for Protein Delivery into Cytoplasm (Angew. Chem. Int. Ed. 29/2009). Angewandte Chemie - International Edition, 2009, 48, 5220-5220.	7.2	6
364	Glucose-sensitive field effect transistor using totally synthetic compounds. Journal of Solid State Electrochemistry, 2009, 13, 165-170.	1.2	20
365	A Photo-Activated Targeting Chemotherapy Using Glutathione Sensitive Camptothecin-Loaded Polymeric Micelles. Pharmaceutical Research, 2009, 26, 82-92.	1.7	72
366	Comparison of the effects of the kinase inhibitors imatinib, sorafenib, and transforming growth factorâ€Î² receptor inhibitor on extravasation of nanoparticles from neovasculature. Cancer Science, 2009, 100, 173-180.	1.7	104
367	Preclinical and clinical studies of anticancer agentâ€incorporating polymer micelles. Cancer Science, 2009, 100, 572-579.	1.7	474
368	Nano-structured composites based on calcium phosphate for cellular delivery of therapeutic and diagnostic agents. Nano Today, 2009, 4, 508-517.	6.2	83
369	3D spheroid culture system on micropatterned substrates for improved differentiation efficiency of multipotent mesenchymal stem cells. Biomaterials, 2009, 30, 2705-2715.	5.7	301
370	Polymeric micelles from poly(ethylene glycol)â€"poly(amino acid) block copolymer for drug and gene delivery. Journal of the Royal Society Interface, 2009, 6, S325-39.	1.5	181
371	Design and development of dendrimer photosensitizer-incorporated polymeric micelles for enhanced photodynamic therapy. Advanced Drug Delivery Reviews, 2009, 61, 327-338.	6.6	250
372	Intelligent polymeric micelles from functional poly(ethylene glycol)-poly(amino acid) block copolymers. Advanced Drug Delivery Reviews, 2009, 61, 768-784.	6.6	600
373	Intratracheal Gene Transfer of Adrenomedullin Using Polyplex Nanomicelles Attenuates Monocrotaline-induced Pulmonary Hypertension in Rats. Molecular Therapy, 2009, 17, 1180-1186.	3.7	60
374	Monodispersed Polymeric Nanocapsules: Spontaneous Evolution and Morphology Transition from Reducible Hetero-PEG PICmicelles by Controlled Degradation. Journal of the American Chemical Society, 2009, 131, 3804-3805.	6.6	151
375	Confined Stimuli-Responsive Polymer Gel in Inverse Opal Polymer Membrane for Colorimetric Glucose Sensor. Langmuir, 2009, 25, 8349-8356.	1.6	92
376	Recent development of nonviral gene delivery systems with virus-like structures and mechanisms. European Journal of Pharmaceutics and Biopharmaceutics, 2009, 71, 475-483.	2.0	131
377	Environment-Responsive Block Copolymer Micelles with a Disulfide Cross-Linked Core for Enhanced siRNA Delivery. Biomacromolecules, 2009, 10, 119-127.	2.6	301
378	Biosignal-sensitive polyion complex micelles for the delivery of biopharmaceuticals. Soft Matter, 2009, 5, 3810.	1.2	145

#	Article	IF	Citations
379	Noninvasive Sialic Acid Detection at Cell Membrane by Using Phenylboronic Acid Modified Self-Assembled Monolayer Gold Electrode. Journal of the American Chemical Society, 2009, 131, 12022-12023.	6.6	189
380	pH-dependent permeability change and reversible structural transition of PEGylated polyion complex vesicles (PICsomes) in aqueous media. Soft Matter, 2009, 5, 529-532.	1.2	59
381	Spontaneous formation of giant unilamellar vesicles from microdroplets of a polyion complex by focused infrared laser irradiation. , 2009, , .		0
382	Synthesis of Heterotelechelic Poly(ethylene glycol)â€blockâ€poly(succinimide) Possessing Both Acetal andTertâ€Butoxycarbonylâ€amino Terminals with Narrow Molecular Weight Distribution. Macromolecular Symposia, 2009, 279, 14-20.	0.4	3
383	Enhanced Cytotoxicity of Doxorubicin by Micellar Photosensitizer-mediated Photochemical Internalization in Drug-resistant MCF-7 Cells. IFMBE Proceedings, 2009, , 1451-1454.	0.2	2
384	Medical Applications of Biointerface. Hyomen Kagaku, 2009, 30, 236-247.	0.0	0
385	Polyplex Micelles from Triblock Copolymers Composed of Tandemly Aligned Segments with Biocompatible, Endosomal Escaping, and DNA-Condensing Functions for Systemic Gene Delivery to Pancreatic Tumor Tissue. Pharmaceutical Research, 2008, 25, 2924-2936.	1.7	45
386	Chargeâ€Conversion Ternary Polyplex with Endosome Disruption Moiety: A Technique for Efficient and Safe Gene Delivery. Angewandte Chemie - International Edition, 2008, 47, 5163-5166.	7.2	206
387	In vitro Release and in vivo Anti-tumor Efficacy of Doxorubicin from Biodegradable Temperature-sensitive Star-shaped PLGA-PEG Block Copolymer Hydrogel. Polymer Journal, 2008, 40, 171-176.	1.3	33
388	Polyplex Micelles with Cyclic RGD Peptide Ligands and Disulfide Cross-Links Directing to the Enhanced Transfection via Controlled Intracellular Trafficking. Molecular Pharmaceutics, 2008, 5, 1080-1092.	2.3	131
389	PEG-Detachable Polyplex Micelles Based on Disulfide-Linked Block Catiomers as Bioresponsive Nonviral Gene Vectors. Journal of the American Chemical Society, 2008, 130, 6001-6009.	6.6	387
390	Yin Yang 1 induces transcriptional activity of p73 through cooperation with E2F1. Biochemical and Biophysical Research Communications, 2008, 365, 75-81.	1.0	29
391	Polyplexes from Poly(aspartamide) Bearing 1,2-Diaminoethane Side Chains Induce pH-Selective, Endosomal Membrane Destabilization with Amplified Transfection and Negligible Cytotoxicity. Journal of the American Chemical Society, 2008, 130, 16287-16294.	6.6	328
392	Enhancement of Angiogenesis Through Stabilization of Hypoxia-inducible Factor-1 by Silencing Prolyl Hydroxylase Domain-2 Gene. Molecular Therapy, 2008, 16, 1227-1234.	3.7	48
393	Photodynamic Therapy for Corneal Neovascularization Using Polymeric Micelles Encapsulating Dendrimer Porphyrins. , 2008, 49, 894.		49
394	Selection between block- and homo-polyelectrolytes through polyion complex formation in aqueous medium. Soft Matter, 2008, 4, 162-167.	1.2	19
395	PEG-siRNA Conjugate Bearing 27 bp siRNA to Form Novel PEGylated Polyplexes with Improved Stability. Transactions of the Materials Research Society of Japan, 2008, 33, 807-810.	0.2	3
396	Improvement of cancer-targeting therapy, using nanocarriers for intractable solid tumors by inhibition of TGF-beta signaling. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3460-3465.	3.3	404

#	Article	IF	Citations
397	Supramolecular Assembly of Photofunctional Dendrimers for Biomedical Nano-Devices. Supramolecular Chemistry, 2007, 19, 309-314.	1.5	27
398	Preparation of Naphthalocyanine Dendrimer Loaded Polyion Complex Micelle for Photodynamic Therapy. Key Engineering Materials, 2007, 342-343, 465-468.	0.4	4
399	Physicochemical Characterization of Densely Packed Poly(ethylene glycol) Layer for Minimizing Nonspecific Protein Adsorption. Journal of Nanoscience and Nanotechnology, 2007, 7, 2394-2399.	0.9	34
400	Biocompatible micellar nanovectors achieve efficient gene transfer to vascular lesions without cytotoxicity and thrombus formation. Gene Therapy, 2007, 14, 1029-1038.	2.3	96
401	Bone Regeneration by Regulated In Vivo Gene Transfer Using Biocompatible Polyplex Nanomicelles. Molecular Therapy, 2007, 15, 1655-1662.	3.7	116
402	In Vivo Antitumor Activity of the Folate-Conjugated pH-Sensitive Polymeric Micelle Selectively Releasing Adriamycin in the Intracellular Acidic Compartments. Bioconjugate Chemistry, 2007, 18, 1131-1139.	1.8	260
403	Dendrimer Generation Effects on Photodynamic Efficacy of Dendrimer Porphyrins and Dendrimer-Loaded Supramolecular Nanocarriers. Chemistry of Materials, 2007, 19, 5557-5562.	3.2	56
404	Supramolecular nanocarriers integrated with dendrimers encapsulating photosensitizers for effective photodynamic therapy and photochemical gene delivery. New Journal of Chemistry, 2007, 31, 1074.	1.4	76
405	Density Control of Poly(ethylene glycol) Layer To Regulate Cellular Attachment. Langmuir, 2007, 23, 6698-6703.	1.6	76
406	Colloidal Au Replacement Assay for Highly Sensitive Quantification of Low Molecular Weight Analytes by Surface Plasmon Resonance. Bioconjugate Chemistry, 2007, 18, 1241-1245.	1.8	21
407	Comprehensive and Accurate Control of Thermosensitivity of Poly(2-alkyl-2-oxazoline)s via Well-Defined Gradient or Random Copolymerization. Macromolecules, 2007, 40, 3599-3609.	2.2	187
408	A Protein Nanocarrier from Charge-Conversion Polymer in Response to Endosomal pH. Journal of the American Chemical Society, 2007, 129, 5362-5363.	6.6	381
409	Creation of a mixed poly(ethylene glycol) tethered-chain surface for preventing the nonspecific adsorption of proteins and peptides. Biointerphases, 2007, 2, 126-130.	0.6	60
410	Cyclic RGD Peptide-Conjugated Polyplex Micelles as a Targetable Gene Delivery System Directed to Cells Possessing Î±vÎ²3 and Î±vÎ²5 Integrins. Bioconjugate Chemistry, 2007, 18, 1415-1423.	1.8	180
411	Preparation and Characterization of Polyion Complex Micelles with a Novel Thermosensitive Poly(2-isopropyl-2-oxazoline) Shell via the Complexation of Oppositely Charged Block Ionomers. Langmuir, 2007, 23, 138-146.	1.6	75
412	Self-Assembled Nano-Bioreactor from Block Ionomers with Elevated and Stabilized Enzymatic Function. Bioconjugate Chemistry, 2007, 18, 1555-1559.	1.8	36
413	Encapsulation of Myoglobin in PEGylated Polyion Complex Vesicles Made from a Pair of Oppositely Charged Block Ionomers: A Physiologically Available Oxygen Carrier. Angewandte Chemie - International Edition, 2007, 46, 6085-6088.	7.2	211
414	Enhanced Growth Inhibition of Hepatic Multicellular Tumor Spheroids by Lactosylated Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	1.6	79

#	Article	IF	Citations
415	pH-Responsive Multi-PEGylated Dual Cationic Nanoparticles Enable Charge Modulations for Safe Gene Delivery. ChemMedChem, 2007, 2, 1321-1327.	1.6	41
416	Iron hydroxide nanoparticles coated with poly(ethylene glycol)-poly(aspartic acid) block copolymer as novel magnetic resonance contrast agents for in vivo cancer imaging. Colloids and Surfaces B: Biointerfaces, 2007, 56, 174-181.	2.5	88
417	Title is missing!. Reactive and Functional Polymers, 2007, 67, 1103-1104.	2.0	0
418	Study of the quantitative aminolysis reaction of poly(Î²-benzyl l-aspartate) (PBLA) as a platform polymer for functionality materials. Reactive and Functional Polymers, 2007, 67, 1361-1372.	2.0	80
419	Octaarginine-modified multifunctional envelope-type nanoparticles for gene delivery. Gene Therapy, 2007, 14, 682-689.	2.3	176
420	Transfection study using multicellular tumor spheroids for screening non-viral polymeric gene vectors with low cytotoxicity and high transfection efficiencies. Journal of Controlled Release, 2007, 121, 38-48.	4.8	79
421	Optimization of (1,2-diamino-cyclohexane)platinum(II)-loaded polymeric micelles directed to improved tumor targeting and enhanced antitumor activity. Journal of Controlled Release, 2007, 121, 146-155.	4.8	153
422	PEG-based block catiomers possessing DNA anchoring and endosomal escaping functions to form polyplex micelles with improved stability and high transfection efficacy. Journal of Controlled Release, 2007, 122, 252-260.	4.8	43
423	A Facile Synthesis of Azido-Terminated Heterobifunctional Poly(ethylene glycol)s for â€œClickâ€• Conjugation. Bioconjugate Chemistry, 2007, 18, 2191-2196.	1.8	74
424	Biodegradable Nanogels Prepared by Atom Transfer Radical Polymerization as Potential Drug Delivery Carriers:Â Synthesis, Biodegradation, in Vitro Release, and Bioconjugation. Journal of the American Chemical Society, 2007, 129, 5939-5945.	6.6	449
425	pH-Responsive PEGylated nanogels as targetable and low invasive endosomolytic agents to induce the enhanced transfection efficiency of nonviral gene vectors. Colloid and Polymer Science, 2007, 285, 1055-1060.	1.0	46
426	Scaffolds for Skeletal Regeneration. Nanobiotechnology, 2007, 3, 104-106.	1.2	6
427	Gene delivery with biocompatible cationic polymer: Pharmacogenomic analysis on cell bioactivity. Biomaterials, 2007, 28, 5169-5175.	5.7	74
428	A Novel Contrast Medium Detects Increased Permeability of Rat Injured Carotid Arteries in Magnetic Resonance T2 Mapping Imaging. Journal of Atherosclerosis and Thrombosis, 2007, 14, 65-71.	0.9	5
429	Site-Specific Gene Transfer Using Dendritic Photosensitizers. The Review of Laser Engineering, 2007, 35, 441-444.	0.0	0
430	The State of the Art of Nanobioscience in Japan. IEEE Transactions on Nanobioscience, 2006, 5, 54-65.	2.2	7
431	Photochemical enhancement of transgene expression by polymeric micelles incorporating plasmid DNA and dendrimer-based photosensitizer. Journal of Drug Targeting, 2006, 14, 413-424.	2.1	43
432	pH-Responsive Three-Layered PEGylated Polyplex Micelle Based on a Lactosylated ABC Triblock Copolymer as a Targetable and Endosome-Disruptive Nonviral Gene Vector. Bioconjugate Chemistry, 2006, 17, 677-688.	1.8	108

#	Article	IF	Citations
433	Semipermeable Polymer Vesicle (PICsome) Self-Assembled in Aqueous Medium from a Pair of Oppositely Charged Block Copolymers:Â Physiologically Stable Micro-/Nanocontainers of Water-Soluble Macromolecules. Journal of the American Chemical Society, 2006, 128, 5988-5989.	6.6	297
434	Development of a Fitting Model Suitable for the Isothermal Titration Calorimetric Curve of DNA with Cationic Ligands. Journal of Physical Chemistry B, 2006, 110, 10919-10925.	1.2	46
435	Precise Control of Lower Critical Solution Temperature of Thermosensitive Poly(2-isopropyl-2-oxazoline) via Gradient Copolymerization with 2-Ethyl-2-oxazoline as a Hydrophilic Comonomer. Macromolecules, 2006, 39, 6622-6630.	2.2	220
436	Sendai Virus-Mediated Gene Delivery into Hepatocytes via Isolated Hepatic Perfusion. Biological and Pharmaceutical Bulletin, 2006, 29, 1728-1734.	0.6	7
437	Supramolecular assemblies of block copolymers in aqueous media as nanocontainers relevant to biological applications. Progress in Polymer Science, 2006, 31, 949-982.	11.8	389
438	High-efficiency bioaffinity separation of cells and proteins using novel thermoresponsive biotinylated magnetic nanoparticles. Nanobiotechnology, 2006, 2, 43-49.	1.2	30
439	Organicâ€“inorganic hybrid-nanocarrier of siRNA constructing through the self-assembly of calcium phosphate and PEG-based block aniomer. Journal of Controlled Release, 2006, 111, 368-370.	4.8	101
440	Polyion complex micelles for photodynamic therapy: Incorporation of dendritic photosensitizer excitable at long wavelength relevant to improved tissue-penetrating property. Journal of Controlled Release, 2006, 113, 73-79.	4.8	134
441	PEGylated gene nanocarriers based on block catiomers bearing ethylenediamine repeating units directed to remarkable enhancement of photochemical transfection. Journal of Controlled Release, 2006, 115, 208-215.	4.8	49
442	Current state, achievements, and future prospects of polymeric micelles as nanocarriers for drug and gene delivery. , 2006, 112, 630-648.		950
443	Intracellular Inducible Alkylation System That Exhibits Antisense Effects with Greater Potency and Selectivity than the Natural Oligonucleotide. Angewandte Chemie - International Edition, 2006, 45, 3136-3140.	7.2	54
444	A PEG-Based Biocompatible Block Catiomer with High Buffering Capacity for the Construction of Polyplex Micelles Showing Efficient Gene Transfer toward Primary Cells. ChemMedChem, 2006, 1, 439-444.	1.6	193
445	1114. Bone Regeneration by Osteogenic Gene Delivery without Cell Transplantation Using Supramolecular Nanocarrier. Molecular Therapy, 2006, 13, S428-S429.	3.7	0
446	190. Gene Delivery without Nonspecific Biological Response: Comprehensive Analysis of Cell Bioactivity Using a Novel Cationic Polymer- Based System. Molecular Therapy, 2006, 13, S74.	3.7	0
447	Activation of lymphocyte proliferation by boronate-containing polymer immobilised on substrate: The effect of boron content on lymphocyte proliferation. , 2006, 12, 36-43.		16
448	é«˜å†åæƒÿã‚»ãƒ«ã®å…‰ç·šåŠ›å¦ çš„æ²»ç™‚ã¸ã®å¿œç”¨. Nippon Laser Igakkaishi, 2006, 27, 71-76.	0.0	1
449	New Drug Delivery for Corneal Neovascularization Using Polyion Complex Micelles. Cornea, 2005, 24, S39-S42.	0.9	16
450	Design of Stable Bionanoparticles by PEG based Surface Modifications. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2005, 18, 513-514.	0.1	2

#	Article	IF	Citations
451	Construction of PEGylated Gold Colloid-Assembled Surface for High Performance Biosensor. Kobunshi Ronbunshu, 2005, 62, 81-86.	0.2	1
452	Characterization of stable lysozyme-entrapped polyion complex (PIC) micelles with crosslinked core by glutaraldehyde. Polymer, 2005, 46, 7749-7758.	1.8	57
453	Encapsulation of chondrocytes in injectable alkali-treated collagen gels prepared using poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlo	5.7	84
454	Immobilization of laminin peptide in molecularly aligned chitosan by covalent bonding. Biomaterials, 2005, 26, 2273-2279.	5.7	75
455	Cisplatin-incorporating polymeric micelles (NC-6004) can reduce nephrotoxicity and neurotoxicity of cisplatin in rats. British Journal of Cancer, 2005, 93, 678-687.	2.9	397
456	Light-induced gene transfer from packaged DNA enveloped in a dendrimeric photosensitizer. Nature Materials, 2005, 4, 934-941.	13.3	330
457	Preparation and biological properties of dichloro(1,2-diaminocyclohexane)platinum(II) (DACHPt)-loaded polymeric micelles. Journal of Controlled Release, 2005, 101, 223-232.	4.8	187
458	Preparation of a novel PEGâ€"clay hybrid as a DDS material: Dispersion stability and sustained release profiles. Journal of Controlled Release, 2005, 107, 408-416.	4.8	122
459	Freeze-dried formulations for in vivo gene delivery of PEGylated polyplex micelles with disulfide crosslinked cores to the liver. Journal of Controlled Release, 2005, 109, 15-23.	4.8	122
460	Supramolecular Nanocarrier of Anionic Dendrimer Porphyrins with Cationic Block Copolymers Modified with Polyethylene Glycol to Enhance Intracellular Photodynamic Efficacy. Angewandte Chemie - International Edition, 2005, 44, 419-423.	7.2	141
461	A Synthetic Block Copolymer Regulates S1 Nuclease Fragmentation of Supercoiled Plasmid DNA. Angewandte Chemie - International Edition, 2005, 44, 3544-3548.	7.2	38
462	Smart Polyion Complex Micelles for Targeted Intracellular Delivery of PEGylated Antisense Oligonucleotides Containing Acid-Labile Linkages. ChemBioChem, 2005, 6, 718-725.	1.3	98
463	One-pot preparation of mono-dispersed and physiologically stabilized gold colloid. Colloid and Polymer Science, 2005, 284, 97-101.	1.0	42
464	Two-Dimensional Array Formation of Multi-Cellular Spheroids on Micro-Patterned Polymer Brush Surface. Key Engineering Materials, 2005, 288-289, 449-452.	0.4	0
465	NK105, a paclitaxel-incorporating micellar nanoparticle formulation, can extend in vivo antitumour activity and reduce the neurotoxicity of paclitaxel. British Journal of Cancer, 2005, 92, 1240-1246.	2.9	507
466	Smart polymeric micelles for gene and drug delivery. Drug Discovery Today: Technologies, 2005, 2, 21-26.	4.0	102
467	A design of nanosized PEGylated-latex mixed polymer solution for microchip electrophoresis. Lab on A Chip, 2005, 5, 199.	3.1	29
468	Stabilization of Lysozyme-Incorporated Polyion Complex Micelles by the Ï‰-End Derivatization of Poly(ethylene glycol)â^'Poly(Î±,Î²-aspartic acid) Block Copolymers with Hydrophobic Groups. Langmuir, 2005, 21, 2668-2674.	1.6	82

#	Article	IF	Citations
469	Preparation and Biological Characterization of Polymeric Micelle Drug Carriers with Intracellular pH-Triggered Drug Release Property:â€‰ Tumor Permeability, Controlled Subcellular Drug Distribution, and Enhanced in Vivo Antitumor Efficacy. Bioconjugate Chemistry, 2005, 16, 122-130.	1.8	682
470	Supramolecular Assemblies for the Cytoplasmic Delivery of Antisense Oligodeoxynucleotide:Â Polyion Complex (PIC) Micelles Based on Poly(ethylene glycol)-SS-Oligodeoxynucleotide Conjugate. Biomacromolecules, 2005, 6, 2449-2454.	2.6	94
471	PEGylated Polyplex Micelles from Triblock Catiomers with Spatially Ordered Layering of Condensed pDNA and Buffering Units for Enhanced Intracellular Gene Delivery. Journal of the American Chemical Society, 2005, 127, 2810-2811.	6.6	204
472	A Reactive Poly(ethylene glycol) Layer To Achieve Specific Surface Plasmon Resonance Sensing with a High S/N Ratio:â€‰ The Substantial Role of a Short Underbrushed PEG Layer in Minimizing Nonspecific Adsorption. Analytical Chemistry, 2005, 77, 1075-1080.	3.2	172
473	Lactosylated Poly(ethylene glycol)-siRNA Conjugate through Acid-Labile Î²-Thiopropionate Linkage to Construct pH-Sensitive Polyion Complex Micelles Achieving Enhanced Gene Silencing in Hepatoma Cells. Journal of the American Chemical Society, 2005, 127, 1624-1625.	6.6	456
474	Multifunctional polymeric micelles with folate-mediated cancer cell targeting and pH-triggered drug releasing properties for active intracellular drug delivery. Molecular BioSystems, 2005, 1, 242.	2.9	419
475	Ligand Density Effect on Biorecognition by PEGylated Gold Nanoparticles:Â Regulated Interaction of RCA120Lectin with Lactose Installed to the Distal End of Tethered PEG Strands on Gold Surface. Biomacromolecules, 2005, 6, 818-824.	2.6	146
476	Smart polymeric micelles as nanocarriers for oligonucleotides and siRNA delivery. Nucleic Acids Symposium Series, 2005, 49, 17-18.	0.3	36
477	Nanotechnology-Based Photodynamic Therapy for Neovascular Disease Using a Supramolecular Nanocarrier Loaded with a Dendritic Photosensitizer. Nano Letters, 2005, 5, 2426-2431.	4.5	194
478	Synthesis of Diblock Copolymers Consisting of Hyaluronan and Poly(2-ethyl-2-oxazoline). Macromolecules, 2005, 38, 2043-2046.	2.2	44
479	Nanoparticles: Future of genomics.. Seibutsu Butsuri Kagaku, 2005, 49, 83-87.	0.1	1
480	Nanospheres for DNA separation chips. Nature Biotechnology, 2004, 22, 337-340.	9.4	132
481	Lactose-conjugated polyion complex micelles incorporating plasmid DNA as a targetable gene vector system: their preparation and gene transfecting efficiency against cultured HepG2 cells. Journal of Controlled Release, 2004, 95, 653-664.	4.8	114
482	Thermal characterization of poly(ethylene glycol)â€“poly(d,l-lactide) block copolymer micelles based on pyrene excimer formation. Journal of Controlled Release, 2004, 97, 407-419.	4.8	5
483	Block copolymer-coated calcium phosphate nanoparticles sensing intracellular environment for oligodeoxynucleotide and siRNA delivery. Journal of Controlled Release, 2004, 97, 345-356.	4.8	160
484	Study on the hydrolytic degradation of poly(Î±,Î²-malic acid) by direct polycondensation. Materials Science and Engineering C, 2004, 24, 821-825.	3.8	10
485	Bonding of soft tissues using a novel tissue adhesive consisting of a citric acid derivative and collagen. Materials Science and Engineering C, 2004, 24, 775-780.	3.8	61
486	Size-Controlled Formation of a Calcium Phosphate-Based Organic-Inorganic Hybrid Vector for Gene Delivery Using Poly(ethylene glycol)-block-poly(aspartic acid). Advanced Materials, 2004, 16, 699-702.	11.1	120

#	Article	IF	Citations
487	In situ single cell observation by fluorescence resonance energy transfer reveals fast intra-cytoplasmic delivery and easy release of plasmid DNA complexed with linear polyethylenimine. Journal of Gene Medicine, 2004, 6, 76-84.	1.4	200
488	Improvement of retroviral vectors by coating with poly(ethylene glycol)-poly(L-lysine) block copolymer(PEG-PLL). Journal of Gene Medicine, 2004, 6, 471-477.	1.4	26
489	Two-Dimensional Multiarray Formation of Hepatocyte Spheroids on a Microfabricated PEG-Brush Surface. ChemBioChem, 2004, 5, 850-855.	1.3	130
490	Rheological evaluation of gelatin gels prepared with a citric acid derivative as a novel cross-linker. Materials Science and Engineering C, 2004, 24, 787-790.	3.8	21
491	Synthesis of activated poly(Î±,Î²-malic acid) using N-hydroxysuccinimide and its gelation with collagen as biomaterials. Materials Science and Engineering C, 2004, 24, 815-819.	3.8	17
492	Preparation and characterization of osteochondral scaffold. Materials Science and Engineering C, 2004, 24, 881-885.	3.8	13
493	Physicochemical properties of gelatin gels prepared using citric acid derivative. Materials Science and Engineering C, 2004, 24, 781-785.	3.8	48
494	Multi-layered nanoball as high performance permselective membrane. Materials Science and Engineering C, 2004, 24, 761-767.	3.8	7
495	Determination of end-group structures and by-products of synthesis of poly(Î±,Î²-malic acid) by direct polycondensation. Polymer Degradation and Stability, 2004, 84, 151-157.	2.7	11
496	Synthesis of Heterotelechelic Poly(ethylene glycol) Derivatives Having Î±-Benzaldehyde and Ï‰-Pyridyl Disulfide Groups by Ring Opening Polymerization of Ethylene Oxide Using 4-(Diethoxymethyl)benzyl Alkoxide as a Novel Initiator. Bioconjugate Chemistry, 2004, 15, 424-427.	1.8	51
497	Improved Synthesis with High Yield and Increased Molecular Weight of Poly(Î±,Î²-malic acid) by Direct Polycondensation. Biomacromolecules, 2004, 5, 169-174.	2.6	50
498	Supramolecular Nanocarrier of siRNA from PEG-Based Block Catiomer Carrying Diamine Side Chain with Distinctive pKaDirected To Enhance Intracellular Gene Silencing. Journal of the American Chemical Society, 2004, 126, 13612-13613.	6.6	121
499	pH-Sensitive Nanogel Possessing Reactive PEG Tethered Chains on the Surface. Macromolecules, 2004, 37, 5389-5396.	2.2	124
500	Block Catiomer Polyplexes with Regulated Densities of Charge and Disulfide Cross-Linking Directed To Enhance Gene Expression. Journal of the American Chemical Society, 2004, 126, 2355-2361.	6.6	383
501	Microcalorimetric Study of the Temperature-Induced Phase Separation in Aqueous Solutions of Poly(2-isopropyl-2-oxazolines). Macromolecules, 2004, 37, 2556-2562.	2.2	169
502	Versatile Synthesis of End-Functionalized Thermosensitive Poly(2-isopropyl-2-oxazolines). Macromolecules, 2004, 37, 6786-6792.	2.2	156
503	Preparation of Functionally PEGylated Gold Nanoparticles with Narrow Distribution through Autoreduction of Auric Cation by Î±-Biotinyl-PEG-block-[poly(2-(N,N-dimethylamino)ethyl methacrylate)]. Langmuir, 2004, 20, 561-564.	1.6	194
504	Preparation of Bionanoreactor Based on Coreâ^'Shell Structured Polyion Complex Micelles Entrapping Trypsin in the Core Cross-Linked with Glutaraldehyde. Bioconjugate Chemistry, 2004, 15, 344-348.	1.8	128

#	Article	IF	Citations
505	Polyion Complex Micelles of pDNA with Acetal-poly(ethylene glycol)-poly(2-(dimethylamino)ethyl) Tj ETQq1 1 0.784314 rgBT /Overloc Relevant to Gene Transfection Efficacy. Biomacromolecules, 2004, 5, 2128-2136.	2.6	78
506	Swelling and Shrinking Kinetics of Totally Synthetic, Glucose-Responsive Polymer Gel Bearing Phenylborate Derivative as a Glucose-Sensing Moiety. Macromolecules, 2004, 37, 1502-1510.	2.2	160
507	Glucose-Responsive Polymer Gel Bearing Phenylborate Derivative as a Glucose-Sensing Moiety Operating at the Physiological pH. Biomacromolecules, 2004, 5, 1038-1045.	2.6	318
508	Characterization of Aldehyde-PEG Tethered Surfaces:Â Influence of PEG Chain Length on the Specific Biorecognition. Langmuir, 2004, 20, 11285-11287.	1.6	47
509	Effective accumulation of polyion complex micelle to experimental choroidal neovascularization in rats. FEBS Letters, 2004, 557, 21-25.	1.3	43
510	Novel Molecular Recognition via Fluorescent Resonance Energy Transfer Using a Biotinâ˜PEG/Polyamine Stabilized CdS Quantum Dot. Langmuir, 2004, 20, 6396-6400.	1.6	80
511	Thermal characterization of poly(ethylene glycol)â€“poly(,-lactide) block copolymer micelles based on pyrene excimer formation. Journal of Controlled Release, 2004, 97, 407-419.	4.8	18
512	Preparation of Water-soluble PEGylated Semiconductor Nanocrystals. Chemistry Letters, 2004, 33, 840-841.	0.7	23
513	Preparation of Water Soluble CdS Quantum Dots Stabilized by Functional Poly(ethyleneglycol) and Its Application for Bioassay. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2004, 17, 95-98.	0.1	3
514	Development of supramolecular nanocarrier of siRNA. Drug Delivery System, 2004, 19, 373-378.	0.0	0
515	Engineering New Generation Drug Delivery Systems Based on Block Copolymer Micelles. , 2004, , .		0
516	Physicochemical properties of high-molecular-weight poly(?,?-malic acid) synthesized by direct polycondensation. Polymer Bulletin, 2003, 50, 69-75.	1.7	14
517	Polyion complex micelles entrapping cationic dendrimer porphyrin: effective photosensitizer for photodynamic therapy of cancer. Journal of Controlled Release, 2003, 93, 141-150.	4.8	166
518	PEGylated nanoparticles for biological and pharmaceutical applications. Advanced Drug Delivery Reviews, 2003, 55, 403-419.	6.6	1,313
519	Design of Environment-Sensitive Supramolecular Assemblies for Intracellular Drug Delivery: Polymeric Micelles that are Responsive to Intracellular pH Change. Angewandte Chemie - International Edition, 2003, 42, 4640-4643.	7.2	1,230
520	Simple and Precise Preparation of a Porous Gel for a Colorimetric Glucose Sensor by a Templating Technique. Angewandte Chemie - International Edition, 2003, 42, 4197-4200.	7.2	237
521	Synthesis of high molecular weight poly(Î±,Î²-malic acid) for biomedical use by direct polycondensation. Polymer Degradation and Stability, 2003, 81, 525-530.	2.7	29
522	Polyion complex micelles from plasmid DNA and poly(ethylene glycol)â€“poly(l-lysine) block copolymer as serum-tolerable polyplex system: physicochemical properties of micelles relevant to gene transfection efficiency. Biomaterials, 2003, 24, 4495-4506.	5.7	220

#	Article	IF	Citations
523	Functionalization of gold electrode surface with heterobifunctional poly(ethylene oxide)s having both mercapto and aldehyde groups. Polymers for Advanced Technologies, 2003, 14, 27-34.	1.6	13
524	A Coreâˆ’Shell-Type Fluorescent Nanosphere Possessing Reactive Poly(ethylene glycol) Tethered Chains on the Surface for Zeptomole Detection of Protein in Time-Resolved Fluorometric Immunoassay. Analytical Chemistry, 2003, 75, 6124-6132.	3.2	107
525	Light-Harvesting Ionic Dendrimer Porphyrins as New Photosensitizers for Photodynamic Therapy. Bioconjugate Chemistry, 2003, 14, 58-66.	1.8	170
526	PEGâˆ’PLL Block Copolymers Induce Reversible Large Discrete Coilâˆ’Globule Transition in a Single DNA Molecule through Cooperative Complex Formation. Macromolecules, 2003, 36, 6276-6279.	2.2	20
527	Lactose-Installed Poly(ethylene glycol)âˆ’Poly(d,l-lactide) Block Copolymer Micelles Exhibit Fast-Rate Binding and High Affinity toward a Protein Bed Simulating a Cell Surface. A Surface Plasmon Resonance Study. Bioconjugate Chemistry, 2003, 14, 177-186.	1.8	102
528	Switching by Pulse Electric Field of the Elevated Enzymatic Reaction in the Core of Polyion Complex Micelles. Journal of the American Chemical Society, 2003, 125, 15306-15307.	6.6	86
529	Effect of Charged Segment Length on Physicochemical Properties of Coreâˆ’Shell Type Polyion Complex Micelles from Block Ionomers. Macromolecules, 2003, 36, 4995-5001.	2.2	99
530	pH-Responsive Oligodeoxynucleotide (ODN)âˆ’Poly(Ethylene Glycol) Conjugate through Acid-Labile Â²-Thiopropionate Linkage:â€‰ Preparation and Polyion Complex Micelle Formation. Biomacromolecules, 2003, 4, 1426-1432.	2.6	142
531	Glucose-Responsive Polymer Bearing a Novel Phenylborate Derivative as a Glucose-Sensing Moiety Operating at Physiological pH Conditions. Biomacromolecules, 2003, 4, 1410-1416.	2.6	327
532	Anomalous Binding Profile of Phenylboronic Acid withN-Acetylneuraminic Acid (Neu5Ac) in Aqueous Solution with Varying pH. Journal of the American Chemical Society, 2003, 125, 3493-3502.	6.6	294
533	pH-sensitive Assembly of Light-Harvesting Dendrimer Zinc Porphyrin Bearing Peripheral Groups of Primary Amine with Poly(ethylene glycol)-b-poly(aspartic acid) in Aqueous Solution. Macromolecules, 2003, 36, 1304-1309.	2.2	62
534	Differential Gene Expression Profile between PC-14 Cells Treated with Free Cisplatin and Cisplatin-Incorporated Polymeric Micelles. Bioconjugate Chemistry, 2003, 14, 449-457.	1.8	46
535	Application of Nanoparticle Technology for the Prevention of Restenosis After Balloon Injury in Rats. Circulation Research, 2003, 92, e62-9.	2.0	70
536	Synthesis and Cholesterol-Lowering Effect of Poly(ethylene glycol)-Polyamine Graft and Block Polymers. Kobunshi Ronbunshu, 2003, 60, 238-240.	0.2	1
537	Polymeric Micelle Drug Carrier Systems: PEG-PAsp(Dox) and Second Generation of Micellar Drugs. , 2003, 519, 155-177.		34
538	Fusion of Spheroid Engineering and Medical Nano-fiber. Journal of Fiber Science and Technology, 2003, 59, P.8-P.11.	0.0	0
539	Novel cisplatin-incorporated polymeric micelles can eradicate solid tumors in mice. Cancer Research, 2003, 63, 8977-83.	0.4	486
540	Polyion complex micelles as vectors in gene therapy â€“ pharmacokinetics and in vivo gene transfer. Gene Therapy, 2002, 9, 407-414.	2.3	252

#	Article	IF	Citations
541	Coreâ€"Shell Type Polystyrene Latex Possessing Reactive Poly(ethylene glycol) Brushes on the Surface for High Performance Immunodiagnostics. Polymer Journal, 2002, 34, 868-875.	1.3	9
542	Surface Plasmon Resonance Study on the Interaction between Lactose-Installed Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 70 Langmuir, 2002, 18, 10334-10339.	1.6	56
543	Covalent Attachment of Novel Poly(ethylene glycol)â^'Poly(dl-lactic acid) Copolymeric Micelles to TiO2Surfaces. Langmuir, 2002, 18, 252-258.	1.6	45
544	Evaluation by Fluorescence Resonance Energy Transfer of the Stability of Nonviral Gene Delivery Vectors under Physiological Conditions. Biomacromolecules, 2002, 3, 841-845.	2.6	96
545	Block Copolymer Self-Assembly into Monodispersive Nanoparticles with Hybrid Core of Antisense DNA and Calcium Phosphate. Langmuir, 2002, 18, 4539-4543.	1.6	103
546	Temperature-related change in the properties relevant to drug delivery of poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (g 2002, 82, 359-371.	4.8	131
547	Block copolymer micelles for delivery of gene and related compounds. Advanced Drug Delivery Reviews, 2002, 54, 203-222.	6.6	724
548	Preparation of Core-Shell Type Gold and Semiconductor Nanosphere and their Application. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2002, 2002.14, 213-214.	0.0	0
549	Hepatocytes spheroid array for cell-based biosensor. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2002, 2002.14, 23-24.	0.0	0
550	Glutathione-Sensitive Stabilization of Block Copolymer Micelles Composed of Antisense DNA and Thiolated Poly(ethylene glycol)-block-poly(l-lysine):Â A Potential Carrier for Systemic Delivery of Antisense DNA. Biomacromolecules, 2001, 2, 491-497.	2.6	259
551	Quantitative and Reversible Lectin-Induced Association of Gold Nanoparticles Modified with Î±-Lactosyl-Ï‰-mercapto-poly(ethylene glycol). Journal of the American Chemical Society, 2001, 123, 8226-8230.	6.6	487
552	Sugar-Installed Block Copolymer Micelles:â€‰ Their Preparation and Specific Interaction with Lectin Molecules. Biomacromolecules, 2001, 2, 1067-1070.	2.6	176
553	ãƒ¡ãƒ‡ã‚£ã‚«ãƒ«ãƒ»ãƒã‚ª ãƒ†ã‚£ã‚¢ã«ã‚ã¦ã®ã‚ãƒ†ãƒªã‚¸ã§ãƒ¯ãƒˆãƒšãƒªãƒžãƒ¼ è¨ˆ. Kobunshi, 2001, 50, 442-445.	0.2	0
554	Novel Micropaterned Surface Fabricated from Heterobifunctional Poly(ethylene glycol)/polylactide Block Copolymers for Patterned Cell Culture.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2001, 14, 101-104.	0.1	4
555	Polyion complex micelles with core-shell structure: their physicochemical properties and utilities as functional materials. Macromolecular Symposia, 2001, 172, 1-10.	0.4	24
556	Self-assembly of poly(ethylene glycol)-based block copolymers for biomedical applications. Current Opinion in Colloid and Interface Science, 2001, 6, 3-10.	3.4	210
557	Self-assembly of block copolymers. Materials Today, 2001, 4, 30-36.	8.3	14
558	Totally synthetic polymer with lectin-like function: Induction of killer cells by the copolymer of 3-acrylamidophenylboronic acid withN,N-dimethylacrylamide. Biotechnology and Bioengineering, 2001, 72, 307-314.	1.7	60

#	Article	IF	Citations
559	Novel pH-Sensitive Poly(silamine) Hydrogel Microsphere Possessing a Stable Skin Layer. Macromolecular Rapid Communications, 2001, 22, 1124.	2.0	9
560	Cisplatin-loaded polymer-metal complex micelle with time-modulated decaying property as a novel drug delivery system. Pharmaceutical Research, 2001, 18, 1035-1041.	1.7	171
561	Cisplatin-incorporated Polymeric Micelles Eliminate Nephrotoxicity, While Maintaining Antitumor Activity. Japanese Journal of Cancer Research, 2001, 92, 328-336.	1.7	86
562	Pronounced activity of enzymes through the incorporation into the core of polyion complex micelles made from charged block copolymers. Journal of Controlled Release, 2001, 72, 85-91.	4.8	109
563	Preparation and characterization of size-controlled polymeric micelle containing cis-dichlorodiammineplatinum(II) in the core. Journal of Controlled Release, 2001, 74, 83-94.	4.8	140
564	Development of the polymer micelle carrier system for doxorubicin. Journal of Controlled Release, 2001, 74, 295-302.	4.8	530
565	Long-circulating poly(ethylene glycol)â€“poly(d,l-lactide) block copolymer micelles with modulated surface charge. Journal of Controlled Release, 2001, 77, 27-38.	4.8	408
566	Block copolymer micelles for drug delivery: design, characterization and biological significance. Advanced Drug Delivery Reviews, 2001, 47, 113-131.	6.6	3,107
567	Physicochemical properties and nuclease resistance of antisense-oligodeoxynucleotides entrapped in the core of polyion complex micelles composed of poly(ethylene glycol)â€“poly(l-Lysine) block copolymers. European Journal of Pharmaceutical Sciences, 2001, 13, 35-42.	1.9	121
568	Totally synthetic polymer with lectin-like function: Induction of killer cells by the copolymer of 3-acrylamidophenylboronic acid with N,N-dimethylacrylamide. , 2001, 72, 307.		1
569	Novel Approaches for The Construction of Cell Specific Surfaces using Heterobifunctinal Poly(ethylene glycol) (PEG).. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2000, 13, 25-28.	0.1	0
570	New macromolecular micelles based on degradable amphiphilic block copolymers of malic acid and malic acid ester. Macromolecular Chemistry and Physics, 2000, 201, 355-364.	1.1	47
571	Preparation of non-fouling surface through the coating with core-polymerized block copolymer micelles having aldehyde-ended PEG shell. Colloids and Surfaces B: Biointerfaces, 2000, 18, 337-346.	2.5	39
572	Doxorubicin-loaded poly(ethylene glycol)â€“poly(Î²-benzyl-l-aspartate) copolymer micelles: their pharmaceutical characteristics and biological significance. Journal of Controlled Release, 2000, 64, 143-153.	4.8	577
573	Selective Synthesis of Heterobifunctional Poly(ethylene glycol) Derivatives Containing Both Mercapto and Acetal Terminals. Bioconjugate Chemistry, 2000, 11, 947-950.	1.8	87
574	Surface Characterization of Functionalized Polylactide through the Coating with Heterobifunctional Poly(ethylene glycol)/Polylactide Block Copolymers. Biomacromolecules, 2000, 1, 39-48.	2.6	163
575	Functionality of Polymeric Micelle Hydrogels with Organized Three-Dimensional Architecture on Surfaces. Journal of the American Chemical Society, 2000, 122, 2653-2654.	6.6	77
576	Stimuli-Sensitive Polymer Gels That Stiffen upon Swelling. Macromolecules, 2000, 33, 4992-4994.	2.2	22

#	Article	IF	Citations
577	A Coreâˆ’Shell Structured Hydrogel Thin Layer on Surfaces by Lamination of a Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	1.6	39
578	Polyion Complex Micelles Encapsulating Light-Harvesting Ionic Dendrimer Zinc Porphyrins. Langmuir, 2000, 16, 8182-8188.	1.6	104
579	Synthesis of Poly(ethylene glycol)-block-poly(ethylenimine) Possessing an Acetal Group at the PEG End. Macromolecules, 2000, 33, 5841-5845.	2.2	82
580	Dynamic wettability study on the functionalized PEGylated layer on a polylactide surface constructed by the coating of aldehydeâ€“ended poly(ethylene glycol) (PEG)/polylactide (PLA) block copolymer. Science and Technology of Advanced Materials, 2000, 1, 21-29.	2.8	46
581	Structural design of core-shell type polymeric micelles for drug delivery.. Drug Delivery System, 2000, 15, 421-428.	0.0	6
582	Surface charge modulation of poly(ethylene glycol)â€“poly(d,l-lactide) block copolymer micelles: conjugation of charged peptides. Colloids and Surfaces B: Biointerfaces, 1999, 16, 135-146.	2.5	70
583	Functional and site-specific macromolecular micelles as high potential drug carriers. Colloids and Surfaces B: Biointerfaces, 1999, 16, 207-215.	2.5	48
584	Roles of adriamycin and adriamycin dimer in antitumor activity of the polymeric micelle carrier system. Colloids and Surfaces B: Biointerfaces, 1999, 16, 227-236.	2.5	28
585	Peptide drug carrier: studies on incorporation of vasopressin into nano-associates comprising poly(ethylene glycol)-poly(l-aspartic acid) block copolymer. Colloids and Surfaces B: Biointerfaces, 1999, 16, 237-242.	2.5	16
586	Reduction of the Side Effects of an Antitumor Agent, KRN5500, by Incorporation of the Drug into Polymeric Micelles. Japanese Journal of Cancer Research, 1999, 90, 122-128.	1.7	49
587	Permeation of PEO-PBLA-FITC polymeric micelles in aortic endothelial cells. Pharmaceutical Research, 1999, 16, 213-220.	1.7	30
588	Selective Delivery of Adiramycin to a Solid Tumor Using a Polymeric Micelle Carrier System. Journal of Drug Targeting, 1999, 7, 171-186.	2.1	203
589	Preparation and characterization of polymer micelles from poly(ethylene glycol)-poly(d,l-lactide) block copolymers as potential drug carrier. Journal of Controlled Release, 1999, 62, 89-100.	4.8	235
590	Core-stabilized polymeric micelle as potential drug carrier: increased solubilization of taxol. Polymers for Advanced Technologies, 1999, 10, 647-654.	1.6	82
591	Preparation and Characterization of Self-Assembled Polymerâˆ’Metal Complex Micelle fromcis-Dichlorodiammineplatinum(II) and Poly(ethylene glycol)âˆ’Poly(Î±,Î²-aspartic acid) Block Copolymer in an Aqueous Medium. Langmuir, 1999, 15, 377-383.	1.6	244
592	Environment-Sensitive Stabilization of Coreâˆ’Shell Structured Polyion Complex Micelle by Reversible Cross-Linking of the Core through Disulfide Bond. Journal of the American Chemical Society, 1999, 121, 11247-11248.	6.6	325
593	Sugar-Installed Polymer Micelles:â€‰ Synthesis and Micellization of Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 107 Macromolecules, 1999, 32, 8024-8032.	2.2	183
594	Polyion Complex Micelles with Reactive Aldehyde Groups on Their Surface from Plasmid DNA and End-Functionalized Charged Block Copolymers. Macromolecules, 1999, 32, 6892-6894.	2.2	96

#	Article	IF	Citations
595	Chain Length Recognition: Core-Shell Supramolecular Assembly from Oppositely Charged Block Copolymers. Science, 1999, 283, 65-67.	6.0	574
596	Novel Polyion Complex Micelles Entrapping Enzyme Molecules in the Core. 2. Characterization of the Micelles Prepared at Nonstoichiometric Mixing Ratiosâ€. Langmuir, 1999, 15, 4208-4212.	1.6	127
597	Polymers of malic acid and 3-alkylmalic acid as synthetic PHAs in the design of biocompatible hydrolyzable devices. International Journal of Biological Macromolecules, 1999, 25, 273-282.	3.6	71
598	Core-Polymerized Reactive Micelles from Heterotelechelic Amphiphilic Block Copolymers. Macromolecules, 1999, 32, 1140-1146.	2.2	255
599	Coating of Surfaces with Stabilized Reactive Micelles from Poly(ethylene glycol)â^'Poly(dl-lactic acid) Block Copolymer. Langmuir, 1999, 15, 5212-5218.	1.6	96
600	Onâ^'Off Control of Enzymatic Activity Synchronizing with Reversible Formation of Supramolecular Assembly from Enzyme and Charged Block Copolymers. Journal of the American Chemical Society, 1999, 121, 9241-9242.	6.6	134
601	Surface Plasma Polymerization of Poly(ethylene glycol) Heterotelechelic Macromonomers for Construction of Cell Specific Surface.. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 1999, 12, 59-62.	0.1	0
602	Visualization of PEO-PBLA-pyrene polymeric micelles by atomic force microscopy. Pharmaceutical Research, 1998, 15, 1721-1726.	1.7	24
603	Remarkable Increase in Nuclease Resistance of Plasmid DNA through Supramolecular Assembly with Poly(ethylene glycol)â€"Poly(l-lysine) Block Copolymer. Journal of Pharmaceutical Sciences, 1998, 87, 160-163.	1.6	225
604	Characterization of physical entrapment and chemical conjugation of adriamycin in polymeric micelles and their design for in vivo delivery to a solid tumor. Journal of Controlled Release, 1998, 50, 79-92.	4.8	292
605	Polymeric micelles for drug delivery: solubilization and haemolytic activity of amphotericin B. Journal of Controlled Release, 1998, 53, 131-136.	4.8	149
606	Incorporation of water-insoluble anticancer drug into polymeric micelles and control of their particle size. Journal of Controlled Release, 1998, 55, 219-229.	4.8	186
607	In vitro dissociation of antifungal efficacy and toxicity for amphotericin B-loaded poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.8	66
608	Selective adhesion of rat lymphocyte subpopulation on the polymer surface with phenylboronic acid moieties: evaluation by field-flow fractionation/adhesion chromatography (FFF/AC) method. Reactive and Functional Polymers, 1998, 37, 251-261.	2.0	6
609	Synthesis of Heterobifunctional Poly(ethylene glycol) with a Reducing Monosaccharide Residue at One End. Bioconjugate Chemistry, 1998, 9, 300-303.	1.8	48
610	Effect of the Secondary Structure of Poly(l-lysine) Segments on the Micellization in Aqueous Milieu of Poly(ethylene glycol)â^'Poly(l-lysine) Block Copolymer Partially Substituted with a Hydrocinnamoyl Group at the Nîµ-Position. Macromolecules, 1998, 31, 6071-6076.	2.2	64
611	Novel Polyion Complex Micelles Entrapping Enzyme Molecules in the Core:Â Preparation of Narrowly-Distributed Micelles from Lysozyme and Poly(ethylene glycol)â^'Poly(aspartic acid) Block Copolymer in Aqueous Medium. Macromolecules, 1998, 31, 288-294.	2.2	459
612	Effect of phenylboronic acid groups in copolymers on endothelial cell differentiation into capillary structures. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 1-14.	1.9	9

#	Article	IF	Citations
613	The Reactive Polymeric Micelle Based on An Aldehyde-Ended Poly(ethylene glycol)/Poly(lactide) Block Copolymer. Macromolecules, 1998, 31, 1473-1479.	2.2	247
614	Totally Synthetic Polymer Gels Responding to External Glucose Concentration:â€‰ Their Preparation and Application to Onâ˜Off Regulation of Insulin Release. Journal of the American Chemical Society, 1998, 120, 12694-12695.	6.6	567
615	Minimized platelet interaction with poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (methacrylate-block-4-bis water content. Journal of Biomaterials Science, Polymer Edition, 1998, 9, 111-129.	1.9	28
616	The Reactive Polymeric Micelle, Convenient Tool for Targeting Drug Delivery System. ACS Symposium Series, 1998, , 105-116.	0.5	7
617	Highly Blood-Compatible Surface Consisting of a Silicon-Containing Block Copolymer with Supramolecular Structure. , 1998, , 148-151.		0
618	Poly(ethylene glycol)-Based Micelles for Drug Delivery. ACS Symposium Series, 1997, , 99-116.	0.5	3
619	Adsorbed serum protein mediated adhesion and growth behavior of bovine aortic endothelial cells on polyamine graft copolymer surfaces. Journal of Biomaterials Science, Polymer Edition, 1997, 8, 77-90.	1.9	30
620	Synthesis of Heterotelechelic Poly(ethylene glycol) Macromonomers. Preparation of Poly(ethylene) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Macromolecules, 1997, 30, 6489-6493.	2.2	58
621	Formation of Stable and Monodispersive Polyion Complex Micelles in Aqueous Medium from Poly(L-lysine) And Poly(Ethylene Glycol)-Poly(Aspartic Acid) Block Copolymer. Journal of Macromolecular Science - Pure and Applied Chemistry, 1997, 34, 2119-2133.	1.2	68
622	Water-Soluble Polyion Complex Associates of DNA and Poly(ethylene glycol)âˆ’Poly(l-lysine) Block Copolymer. Bioconjugate Chemistry, 1997, 8, 702-707.	1.8	461
623	Block copolymer micelles for drug delivery: loading and release of doxorubicin. Journal of Controlled Release, 1997, 48, 195-201.	4.8	302
624	Thermo-responsive polymer nanoparticles with a core-shell micelle structure as site-specific drug carriers. Journal of Controlled Release, 1997, 48, 157-164.	4.8	331
625	Glucose-responsive gel from phenylborate polymer and poly(vinyl alcohol): prompt response at physiological pH through the interaction of borate with amino group in the gel. Pharmaceutical Research, 1997, 14, 289-293.	1.7	143
626	Design of functional polymeric micelles as site-specific drug vehicles based on poly (Î±-hydroxy ethylene) Tj ETQq0 0 0 rgBT /Overlock 10	3.8	31
627	A potassium alcoholate-initiated polymerization of 2-(trialkylsiloxyethyl) methacrylate. Polymer, 1997, 38, 1197-1202.	1.8	35
628	Glucose-Sensing Electrode Coated with Polymer Complex Gel Containing Phenylboronic Acid. Analytical Chemistry, 1996, 68, 823-828.	3.2	159
629	Spontaneous Formation of Polyion Complex Micelles with Narrow Distribution from Antisense Oligonucleotide and Cationic Block Copolymer in Physiological Saline. Macromolecules, 1996, 29, 8556-8557.	2.2	336
630	Stabilized Î±-Helix Structure of Poly(l-lysine)-block-poly(ethylene glycol) in Aqueous Medium through Supramolecular Assembly. Macromolecules, 1996, 29, 6183-6188.	2.2	120

#	Article	IF	Citations
631	Poly(ethylene oxide-co-Î²-benzyll-aspartate) Block Copolymers:Â Influence of the Poly(ethylene oxide) Block on the Conformation of the Poly(Î²-benzyll-aspartate) Segment in Organic Solvents. Macromolecules, 1996, 29, 3227-3231.	2.2	27
632	A New Blood Compatible and Permselective Hollow Fiber Membrane for Hemodialysis. ASAIO Journal, 1996, 42, 1019-1026.	0.9	8
633	Glucose-Sensitive Lower Critical Solution Temperature Changes of Copolymers Composed of N-Isopropylacrylamide and Phenylboronic Acid Moieties. Polymer Journal, 1996, 28, 371-374.	1.3	61
634	Introduction of cisplatin into polymeric micelle. Journal of Controlled Release, 1996, 39, 351-356.	4.8	205
635	Receptor-mediated absorption of high molecular weight dextrans from intestinal tract. Journal of Controlled Release, 1996, 41, 171-176.	4.8	18
636	Differential Attachment of Lymphocyte Subpopulations on Poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 Td (methacry Colloid and Interface Science, 1996, 180, 242-250.	5.0	2
637	Silicon-containing block copolymer membranes. Polymer, 1996, 37, 633-637.	1.8	9
638	Preparation of polyacrylamide derivatives showing thermo-reversible coacervate formation and their potential application to two-phase separation processes. Polymer, 1996, 37, 681-685.	1.8	66
639	Preparation and Characterization of the Micelle-Forming Polymeric Drug Indomethacin-Incorporated Sciences, 1996, 85, 85-90.	1.6	352
640	Endothelial cell differentiation into capillary structures by copolymer surfaces with phenylboronic acid groups. Journal of Biomaterials Science, Polymer Edition, 1996, 7, 539-550.	1.9	22
641	Amine effect on phenylboronic acid complex with glucose under physiological pH in aqueous solution. Journal of Biomaterials Science, Polymer Edition, 1996, 7, 697-705.	1.9	34
642	Molecular Design of Artificial Lectin; Recognition and Killer Cell Induction of Lymphocytes by a Novel Water Soluble Polymer Having Phenylboronic Acid Moiety. , 1996, , 225-226.		1
643	PEG-Poly(lysine) block copolymer as a novel type of synthetic gene vector with supramolecular structure. , 1996, , 319-320.		11
644	Development of Polymeric Micelles for Drug Delivery of Indomethacin. , 1996, , 321-322.		1
645	Role of Adsorbed Fibronectin and Vitronectin in Adhesion and Spreading Behavior of Bovine Aortic Endothelial Cells on Polyamine Graft Copolymer Surfaces. , 1996, , 29-35.		5
646	Site Specific Drug-Carriers : Polymeric Micelles as High Potential Vehicles for Biologically Active Molecules. , 1996, , 83-113.		13
647	Micelle Forming Polymeric Anticancer Drug Containing Chemically Bound and Physically Incorporated Adriamycin. , 1996, , 327-328.		0
648	Amine Effect on Controlled Release of Insulin from Phenylboronic Acid Gel in Physiological pH. , 1996, , 369-370.		0

#	Article	IF	Citations
649	Nanoscopic Vehicles with Core-Shell Structure for Drug Targeting. , 1996, , 96-100.		0
650	One Pot Synthesis of Poly(Ethylene Oxide) with a Cyano Group at one End and a Hydroxyl Group at the Other End. , 1996, , 205-206.		0
651	Pharmaceutical Aspects of Block Copolymer Micelles. , 1996, , 329-330.		0
652	Creation of New Si-containing Block Copolymer Membrane with Both High Gas Permeability and Blood compatibility. , 1996, , 207-208.		0
653	A Creation of an Intelligent Surface â€" The Design of a Reactive Surface with Stimuli-Sensitivity toward Temperature and pH. , 1996, , 11-19.		0
654	Functional Polymeric Micelles: Synthesis and Characterization. , 1996, , 325-326.		0
655	Novel Sensing System for Glucose Based on the Complex Formation between Phenylborate and Fluorescent Diol Compounds. Journal of Biochemistry, 1995, 117, 1145-1147.	0.9	27
656	Functional poly[(ethylene oxide)-co-(Î²-benzyl-L-aspartate)] polymeric micelles: block copolymer synthesis and micelles formation. Macromolecular Chemistry and Physics, 1995, 196, 1899-1905.	1.1	59
657	Stabilization of the living end in the anionic polymerization of 2-(trimethylsiloxy)ethyl methacrylate. Polymer Bulletin, 1995, 35, 137-142.	1.7	15
658	Block copolymer micelles as long-circulating drug vehicles. Advanced Drug Delivery Reviews, 1995, 16, 295-309.	6.6	725
659	Amine containing phenylboronic acid gel for glucose-responsive insulin release under physiological pH. Journal of Controlled Release, 1995, 37, 269-276.	4.8	171
660	Physical entrapment of adriamycin in AB block copolymer micelles. Pharmaceutical Research, 1995, 12, 192-195.	1.7	256
661	Primary Amino-Terminal Heterobifunctional Poly(ethylene oxide). Facile Synthesis of Poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock Chemistry, 1995, 6, 702-704.	1.8	68
662	Novel pH-Sensitive Hydrogels of Segmented Poly(amine ureas) Having a Repetitive Array of Polar and Apolar Units in the Main Chain. Macromolecules, 1995, 28, 3336-3341.	2.2	38
663	Formyl-Ended Heterobifunctional Poly(ethylene oxide): Synthesis of Poly(ethylene oxide) with a Formyl Group at One End and a Hydroxyl Group at the Other End. Bioconjugate Chemistry, 1995, 6, 231-233.	1.8	91
664	Rubber Elasticity Transition of Poly(silamine) Induced by Ionic Interactions. Macromolecules, 1995, 28, 8870-8871.	2.2	6
665	Formation of Polyion Complex Micelles in an Aqueous Milieu from a Pair of Oppositely-Charged Block Copolymers with Poly(ethylene glycol) Segments. Macromolecules, 1995, 28, 5294-5299.	2.2	798
666	Heterobifunctional Poly(ethylene oxide): Synthesis of .alpha.-Methoxy-.omega.-amino and .alpha.-Hydroxy-.omega.-amino PEOs with the Same Molecular Weights. Bioconjugate Chemistry, 1995, 6, 226-230.	1.8	96

#	Article	IF	Citations
667	A Novel Reactive Polymeric Micelle with Aldehyde Groups on Its Surface. Macromolecules, 1995, 28, 7295-7297.	2.2	128
668	Design of Nanoscopic Vehicles for Drug Targeting Based on Micellization of Amphiphiuc Block Copolymers. Journal of Macromolecular Science - Pure and Applied Chemistry, 1994, 31, 1759-1769.	1.2	56
669	Effects of environmental parameters and composition of poly(2-hydroxyethyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 Td (me	1.9	7
670	Block copolymer micelles as vehicles for hydrophobic drugs. Colloids and Surfaces B: Biointerfaces, 1994, 2, 429-434.	2.5	121
671	Heterobifunctional poly(ethylene oxide). Polymer Bulletin, 1994, 33, 1-6.	1.7	32
672	Preparation and characterization of a glucose-responsive insulin-releasing polymer device. Biomaterials, 1994, 15, 121-128.	5.7	142
673	Enhanced tumor accumulation and prolonged circulation times of micelle-forming poly (ethylene) Tj ETQq1 1 0.784314 rgBT /Overloc	4.8	382
674	Controlled release of insulin from boronic acid gel under physiological conditions. Journal of Controlled Release, 1994, 28, 317-318.	4.8	11
675	In vivo antitumor activity of polymeric micelle anticancer drug against murine C 26 tumor. Journal of Controlled Release, 1994, 28, 336-337.	4.8	27
676	Improved synthesis of adriamycin-conjugated poly (ethylene oxide)-poly (aspartic acid) block copolymer and formation of unimodal micellar structure with controlled amount of physically entrapped adriamycin. Journal of Controlled Release, 1994, 32, 269-277.	4.8	148
677	Sensitive Glucose-Induced Change of the Lower Critical Solution Temperature of Poly[N,N-(dimethylacrylamide)-co-3-(acrylamido)-phenylboronic acid] in Physiological Saline. Macromolecules, 1994, 27, 1061-1062.	2.2	192
678	Interaction between Ganglioside-Containing Liposome and Rat T-Lymphocyte: Confocal Fluorescence Microscopic Study. Biochemical and Biophysical Research Communications, 1994, 203, 1750-1755.	1.0	10
679	Novel Stimuli-Sensitive Telechelic Oligomers. pH and Temperature Sensitivities of Poly(silamine) Oligomers. Macromolecules, 1994, 27, 4848-4850.	2.2	16
680	A Self-Regulated Insulin Delivery System Using Boronic Acid Gel. Journal of Intelligent Material Systems and Structures, 1994, 5, 311-314.	1.4	30
681	Influencing factors on in vitro micelle stability of adriamycin-block copolymer conjugates. , 1994, , 59-65.		0
682	Differential Affinity of Lymphocyte Subpopulations toward PHEMA Surface Derivatized with a Small Amount of Amino Groupsâ€"Evaluation under the Regulated Shear Stress. Journal of Colloid and Interface Science, 1993, 158, 10-18.	5.0	27
683	Polyamine-block-poly(ethylene oxide) diblock copolymer. Aggregation behavior in aqueous media. Die Makromolekulare Chemie Rapid Communications, 1993, 14, 195-201.	1.1	0
684	Analysis of micelle formation of an adriamycin-conjugated poly(ethylene glycol)-poly(aspartic acid) block copolymer by gel permeation chromatography. Pharmaceutical Research, 1993, 10, 895-899.	1.7	93

#	Article	IF	Citations
685	Biodistribution of micelle-forming polymer-drug conjugates. Pharmaceutical Research, 1993, 10, 970-974.	1.7	166
686	Boronate-Containing Polymer as Novel Mitogen for Lymphocytes. Biochemical and Biophysical Research Communications, 1993, 195, 829-836.	1.0	56
687	Micelles based on AB block copolymers of poly(ethylene oxide) and poly(.beta.-benzyl L-aspartate). Langmuir, 1993, 9, 945-949.	1.6	397
688	Preparation of micelle-forming polymer-drug conjugates. [Erratum to document cited in CA117(6):55779a]. Bioconjugate Chemistry, 1993, 4, 103-103.	1.8	1
689	Synthesis of Novel Types of Segmented Polyamineurea and Polyamine-Poly(ethylene oxide) Block Copolymer. Polymer Journal, 1993, 25, 141-152.	1.3	4
690	composition-dependentin vivoantitumor activity of adriamycin-conjugated polymeric micelle against murine colon adenocarcinoma 26. Drug Delivery, 1993, 1, 11-19.	2.5	41
691	A Synthesis of Novel Polyamine Macrocycles with Organosilyl Groups. Chemistry Letters, 1993, 22, 1825-1828.	0.7	5
692	Novel Synthesis of Perfluoroalkylated Phenylboronic Acid with Low pKa Using Bis(heptafluorobutyryl)peroxide as Perfluoroalkylation Reagent. Chemistry Letters, 1993, 22, 1799-1802.	0.7	6
693	Amino-Containing Polymers as Non-Adsorbable Surface for Platelets. , 1993, , 29-32.		1
694	The role of protonation and conformational transition of polyamine grafts in platelet retention to polyamine-graft-PHEMA copolymer surfaces. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 355-374.	1.9	7
695	Biological Response Modifier (BRM). Kobunshi, 1992, 41, 722a-722a.	0.0	0
696	An interpretation of cell separation mechanism on polyamine graft copolymers. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 275-283.	1.9	2
697	Adhesion and proliferation of bovine aortic endothelial cells on monoamine- and diamine-containing polystyrene derivatives. Journal of Biomaterials Science, Polymer Edition, 1992, 3, 253-260.	1.9	15
698	Synthesis of poly(ethylene oxide) with heterobifunctional reactive groups at its terminals by an anionic initiator. Bioconjugate Chemistry, 1992, 3, 275-276.	1.8	67
699	Preparation of micelle-forming polymer-drug conjugates. Bioconjugate Chemistry, 1992, 3, 295-301.	1.8	282
700	A novel drug delivery system utilizing a glucose responsive polymer complex between poly (vinyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 1 Release, 1992, 19, 161-170.	4.8	203
701	Selective retention of lymphocyte subpopulations of poly HEMA-graft-polyamine copolymer: Effect of chemical structure of polyamine graft.. Kobunshi Ronbunshu, 1991, 48, 201-209.	0.2	4
702	High-Capacity Cell Separation by Affinity Selection on Synthetic Solid-Phase Matrices. ACS Symposium Series, 1991, , 159-174.	0.5	5

#	Article	IF	Citations
703	Separation of Cells and Measurement of Surface Adhesion Forces. ACS Symposium Series, 1991, , 146-158.	0.5	6
704	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1991, 12, 227-233.	1.1	109
705	Resolution of lymphocyte subpopulations derived from rat spleen by polyamine-graft-PHEMA copolymer. Polymers for Advanced Technologies, 1991, 2, 245-251.	1.6	6
706	Effect of the incorporation of amino groups in a glucose-responsive polymer complex having phenylboronic acid moieties. Polymers for Advanced Technologies, 1991, 2, 261-264.	1.6	58
707	Evaluation of cytoplasmic free calcium levels in platelets interacting with polymer surfaces. , 1991, , 23-30.		5
708	Controlled drug release from polyether poly(urethane urea).. Kobunshi Ronbunshu, 1990, 47, 403-408.	0.2	0
709	Title is missing!. Die Makromolekulare Chemie, 1990, 191, 301-311.	1.1	12
710	Frontal chromatographic analysis on dynamic behavior of protein adsorption at polymer surface. Journal of Colloid and Interface Science, 1990, 140, 66-74.	5.0	2
711	Title is missing!. Die Makromolekulare Chemie, 1989, 190, 2041-2054.	1.1	97
712	Elimination of cellular active adhesion on microdomain-structured surface of graft-polyamine copolymers. Biomaterials, 1989, 10, 291-298.	5.7	11
713	Change in cytoplasme free Ca2+ concentration in rabbit platelets contacting with albumin coated and uncoated polystyrene surfaces. Biomaterials, 1989, 10, 309-312.	5.7	11
714	Separation of B and T lymphocytes by cellular adsorption chromatography with polyamine graft copolymers as column matrices. Biomaterials, 1989, 10, 393-399.	5.7	10
715	Separation of B and T lymphocytes by a hybrid field-flow fractionation/adhesion chromatography technique. Journal of Immunological Methods, 1989, 117, 289-293.	0.6	34
716	Stabilization of disulfide linkage in drug-polymer-immunoglobulin conjugate by microenvironmental control. Biochemical and Biophysical Research Communications, 1989, 164, 1234-1239.	1.0	14
717	Designed polymer surface for cell separation and related technology.. Hyomen Kagaku, 1989, 10, 84-89.	0.0	1
718	Separation of B- and T-lymphocytes by cellular adsorption chromatography using poly(2-hydroxyethyl) Tj ETQq0 0 0 rgBT /Overlock 10 Tf Research Part B, 1988, 22, 555-571.	3.0	24
719	Quantitative evaluation of rat lymphocyte adsorption on microdomain structured surfaces of poly(2-hydroxyethyl methacrylate)/ polyamine. Biomaterials, 1988, 9, 471-481.	5.7	18
720	Immunoaffinity chromatography of lymphocyte subpopulations using tert-amine derived matrices with adsorbed antibodies. Biomaterials, 1988, 9, 218-224.	5.7	33

#	Article	IF	Citations
721	In vitro and in vivo studies on antithrombogenicity of poly(propylene oxide) segmented nylon 610 in relation to its crystalline-amorphous micpostructure. Biomaterials, 1988, 9, 225-229.	5.7	28
722	Molecular Design of Materials for Cell Separation. Artificial Organs, 1988, 12, 511-513.	1.0	1
723	Novel Design of Microreservoir-Dispersed Matrices for Drug Delivery Formulations: Drug Release from Polybutadiene- and Poly (ethylene oxide)-Based Segmented Polyurethanes in Relation to Their Microdomain Structures. Journal of Bioactive and Compatible Polymers, 1988, 3, 106-125.	0.8	6
724	Scanning and transmission electron-microscopic analysis of rat platelets adhered to microdomain-structured surface of 2-hydroxyethyl methacrylate-styrene ABA type block copolymer.. Kobunshi Ronbunshu, 1988, 45, 511-517.	0.2	1
725	In vitro and ex vivo studies of the antithrombogenicity of polyether-segmented nylon 610 of crystalline-amorphous microstructure. , 1988, , 27-33.		2
726	Morphological analysis of platelets adhering to polymer surfaces with functional groups: A scanning and transmission electron-microscopic study.. Blood & Vessel, 1988, 19, 34-42.	0.0	0
727	A Polyamine Macromonomer Having Controlled Molecular Weightâ€"Synthesis and Mechanismâ€". Polymer Journal, 1987, 19, 593-601.	1.3	19
728	Novel design of microreservoir-dispersed matrices for drug delivery formulations: Regulative drug release from poly(ethylene oxide)- and poly(tetramethylene oxide)-based segmented polyurethanes. Journal of Controlled Release, 1987, 6, 329-342.	4.8	24
729	Affinity Selection of Cells on Solid-Phase Matrices with Immobilized Proteins. ACS Symposium Series, 1987, , 603-614.	0.5	3
730	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1987, 8, 27-30.	1.1	27
731	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1987, 8, 431-435.	1.1	118
732	Material characterization of segmented polyether poly(urethane-urea-amide)s and its implication in blood compatibility. Polymer, 1987, 28, 1017-1024.	1.8	16
733	Recent advances in thromboresistant materials. , 1987, 12, 221-232.		6
734	Adhesion behavior of rat lymphocyte subpopulations (B cell andT cell) on the surface of polystyrene/polypeptide graft copolymer. Journal of Biomedical Materials Research Part B, 1986, 20, 25-35.	3.0	13
735	Adhesion behavior of rat lymphocytes to poly(ether)-poly(amino acid) block and graft copolymers. Journal of Biomedical Materials Research Part B, 1986, 20, 867-878.	3.0	21
736	Hydrophilic-hydrophobic microdomain surfaces having an ability to suppress platelet aggregation and theirin vitro antithrombogenicity. Journal of Biomedical Materials Research Part B, 1986, 20, 919-927.	3.0	133
737	Effect of microstructure of poly(propylene-oxide)-segmented polyamides on platelet adhesion. Journal of Biomedical Materials Research Part B, 1986, 20, 929-943.	3.0	41
738	Suppression of platelet activity on microdomain surfaces of 2-hydroxyethyl methacrylate-polyether block copolymers. Journal of Biomedical Materials Research Part B, 1986, 20, 1035-1047.	3.0	54

#	Article	IF	Citations
739	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 943-953.	1.1	20
740	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 1389-1406.	1.1	3
741	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 1627-1638.	1.1	18
742	Title is missing!. Die Makromolekulare Chemie, 1986, 187, 1895-1906.	1.1	24
743	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1986, 7, 747-750.	1.1	23
744	Molecular Design of Materials for Cell Separation. Journal of Fiber Science and Technology, 1986, 42, P213-P221.	0.0	0
745	Surface structure and blood compatibility of poly(vinyl alcohol)/poly(dimethylsiloxane) graft copolymers.. Kobunshi Ronbunshu, 1985, 42, 629-634.	0.2	10
746	Compatibility in blood of block copolymers having microphase separated structure.. Kobunshi Ronbunshu, 1985, 42, 647-654.	0.2	2
747	Microstructure of polystyrene-polyamide blockcopolymers and adhesion behavior of blood platelets onto the copolymer surfaces.. Kobunshi Ronbunshu, 1985, 42, 655-662.	0.2	4
748	Reversibility of granulocyte adhesion using polyamine-grafted nylon-6 as a new column substrate for granulocyte separation. Biomaterials, 1985, 6, 409-415.	5.7	3
749	Microphase separated polymer surfaces for separation of B and T lymphocytes. Die Makromolekulare Chemie, 1985, 9, 53-67.	1.1	27
750	Molecular design of bloodcompatible materials.. Yuki Gosei Kagaku Kyokaishi/Journal of Synthetic Organic Chemistry, 1985, 43, 1048-1060.	0.0	1
751	Transmission and scanning electron microscopic analysis of rat platelets adhered to HEMA-St ABA type block copolymer surface with microphase separated structure.. Blood & Vessel, 1985, 16, 149-158.	0.0	1
752	Title is missing!. Die Makromolekulare Chemie, 1984, 185, 2109-2116.	1.1	20
753	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1984, 5, 805-809.	1.1	13
754	Characterization of the Microstructure of Poly(propylene oxide)â€"Segmented Polyamide and Its Suppression of Platelet Adhesion. Polymer Journal, 1984, 16, 119-128.	1.3	33
755	Molecular Design of Materials Having an Ability to Differentiate Lymphocyte Subpopulations. , 1984, , 225-239.		2
756	Distribution and redistribution of pancreatic islet cell surface antigen reactive with islet cell surface antibody in the rat. Diabetologia, 1983, 24, 117-121.	2.9	2

#	Article	IF	Citations
757	Preparation of photoresponsive polymeric adsorbent containing amphiphilic polymer with azobenzene moiety and its application for cell adhesion chromatography. Journal of Applied Polymer Science, 1983, 28, 1321-1329.	1.3	23
758	Effect of crystallinity of polyamides on adhesion-separation behavior of granulocytes. Journal of Biomedical Materials Research Part B, 1983, 17, 383-388.	3.0	11
759	Effect of adsorbed protein on the adhesion behaviour of platelet to the microdomain surface of 2-hydroxyethyl methacrylate-styrene block copolymer. European Polymer Journal, 1983, 19, 929-933.	2.6	16
760	Differential retention of lymphocyte subpopulations (B and T cells) on the microphase separated surface of polystyrene/polyamine graft copolymers. European Polymer Journal, 1983, 19, 979-984.	2.6	45
761	Synthesis of 2-Hydroxyethyl Methacrylateâ€“Dimethylsiloxane Block Copolymers and Their Ability to Suppress Blood Platelet Aggregation. Polymer Journal, 1983, 15, 649-656.	1.3	28
762	Title is missing!. Blood & Vessel, 1983, 14, 410-416.	0.0	0
763	å…‰å¿œç”"æ€§é«˜å^†åŽ‚ç€ä½"ã,'åˆ©ç"¨ã•ãŸç´°è£ž²˜ç€ã,¯ãƒãƒžãƒˆã,°ãƒ©ãƒ•ã,£ãƒ¼. Kobunshi Ronbunshu, 1982, 39, 271-276.	0.2	1
764	ã,°ãƒ©ãƒ•ãƒˆåŒ–ãƒ©ãƒªã,¢ãƒŸãƒ‰ã•è¡€æ¶²ç´°è£žã•ã®ç›‚ä°'ä½œç"¨ã«åŠ¹ã™é«˜ã®å½±éŸ¿. Kobunshi Ronbun		
765	ãƒ•ãƒ¼ãƒªã,¨å‰‰æ›è¡å–ATRæ³•ã«ã,ˆã,‹ã,¿ãƒ³ãƒ‘ã,¯è³ªã®ç«¶ä°‰ã,ˆã³ä°æ›å¸ç€ã«é–¢ã™ã,‹ç"©¶. Kobunshi Ronbunshu, 1982, 39, 22	0.2	2
766	é«˜ãˆ†åæœ–™ã«å¯¾ã™ã,‹ãƒ©ãƒƒãƒˆãƒªãƒ³ãƒ‘ãƒ®ç²˜ç€æŒ™å‹•ã•ã¸ç€ã,¿ãƒ³ãƒ‘ã,¯è³ªã®å½±éŸ¿. Kobunshi Ronbunshu, 1982, 39, 263	0.2	2
767	è¦ªæ°´ç–Žæ°´ãžã‹ãƒŸã,¯ãƒç›‚å^†é›¢æ§‹é€ã,'æœ‰ã™ã,‹ãƒ©ãƒªãƒžãƒ¼è¡¨ã面ãƒªãƒ³ãƒ‘ãƒ®ç²˜ç€æŒ™å‹•. Kobunshi Ronbunshu, 198	0.2	2
768	ãƒ©ãƒªã,¨ãƒ©ãƒ¬ãƒ³è¡¨é¢ã«ã•ã¸ã•ã¥ã,¢ãƒ«ãƒ–ãƒŸãƒ³ã•Î³-ã,°ãƒ©ãƒ–ãƒªãƒ³ã®Follrierå‰‰æ›è¡å–ATRæ³•ã«ã,ˆã,‹è§£æž. Nippon Kagaku Kais Journal, 1982, 1982, 1241-1245.	0.1	1
769	Title is missing!. Die Makromolekulare Chemie Rapid Communications, 1982, 3, 275-279.	1.1	25
770	Photo-induced change in wettability and binding ability of azoaromatic polymers. Journal of Applied Polymer Science, 1982, 27, 239-245.	1.3	60
771	Effect of microphase separated structure of polystyrene/polyamine graft copolymer on adhering rat platelets in vitro. Biomaterials, 1982, 3, 237-240.	5.7	25
772	PHOTOREGULATED BINDING OF AMPHIPATHIC PROTEINS TO AZOAROMATIC POLYMER. Chemistry Letters, 1981, 10, 681-684.	0.7	6
773	Regulation of binding and releasing of cephalosporins by photoresponsive polymeric adsorbent. Die Makromolekulare Chemie Rapid Communications, 1981, 2, 95-98.	1.1	12
774	Cellular affinity of polyamides having various functional groups. I. Platelet adhesion. Journal of Applied Polymer Science, 1981, 26, 2293-2303.	1.3	13

#	Article	IF	Citations
775	Effect of crystallinity of condensation polymers on platelet adhesion. Journal of Applied Polymer Science, 1981, 26, 4207-4216.	1.3	20
776	Effect of hydrophilic and hydrophobic microdomains on mode of interaction between block polymer and blood platelets. Journal of Biomedical Materials Research Part B, 1981, 15, 393-402.	3.0	210
777	ãƒ•ã‚©ãƒˆã‚¯ãƒãŸãƒ¯ãƒ¯ã‚¯ãƒªãƒªãƒžãƒ¼ã®å…‰ç…§å°„ã«ã‚ˆã‚‹å•é€†çš„ã•ã‚Œåˆ‰åŒ–. Kobunshi Ronbunshu, 1980, 37, 287-291.		
778	Biomedical behavior of synthetic polyion complexes toward blood platelets. Die Makromolekulare Chemie, 1980, 181, 1363-1373.	1.1	46
779	Estimation of cell adhesion on polymer surfaces with the use of ?column-method?. Journal of Biomedical Materials Research Part B, 1980, 14, 817-823.	3.0	46
780	Copolymerization of New Styrene Derivatives Having Alkylamino Group: p-Diethylaminoethylstyrene, m-Diethyl-aminoethylstyrene and a Quaternized Derivative. Polymer Journal, 1979, 11, 895-900.	1.3	10
781	Title is missing!. Die Makromolekulare Chemie, 1979, 180, 65-77.	1.1	10
782	Synthesis of New Monomers by Addition Reactions of Diethylamine to meta-Divinylbenzene Catalyzed by Lithium Diethylamide. Polymer Journal, 1979, 11, 163-166.	1.3	15
783	Title is missing!. Kobunshi Ronbunshu, 1979, 36, 217-222.	0.2	22
784	Title is missing!. Die Makromolekulare Chemie, 1978, 179, 1121-1124.	1.1	63
785	Title is missing!. Die Makromolekulare Chemie, 1978, 179, 1431-1443.	1.1	14
786	Syntheses of Organozinc Enolates and Their Reactivities in Polymerization Reactions. Polymer Journal, 1977, 9, 595-604.	1.3	6
787	Drug and Gene Delivery Based on Supramolecular Assembly of PEG-Polypeptide Hybrid Block Copolymers. , 0, , 113-153.		119
788	Nanostructured Devices Based on Block Copolymer Assemblies for Drug Delivery: Designing Structures for Enhanced Drug Function. , 0, , 67-101.		193
789	Smart Nanoassemblies of Block Copolymers for Drug and Gene Delivery. , 0, , 91-110.		0