

Jean-Christophe Leroux

List of Publications by Year
in descending order

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267
papers

20,853
citations

9786

73
h-index

11939

134
g-index

284
all docs

284
docs citations

284
times ranked

22538
citing authors

#	ARTICLE	IF	CITATIONS
1	Block copolymer micelles: preparation, characterization and application in drug delivery. Journal of Controlled Release, 2005, 109, 169-188.	9.9	1,303
2	Polymeric micelles “a new generation of colloidal drug carriers. European Journal of Pharmaceutics and Biopharmaceutics, 1999, 48, 101-111.	4.3	1,132
3	In situ-forming hydrogels”review of temperature-sensitive systems. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 58, 409-426.	4.3	1,106
4	Organogels and their use in drug delivery “A review. Journal of Controlled Release, 2008, 125, 179-192.	9.9	625
5	The journey of a drug-carrier in the body: An anatomo-physiological perspective. Journal of Controlled Release, 2012, 161, 152-163.	9.9	568
6	Current status of pH-sensitive liposomes in drug delivery. Progress in Lipid Research, 2000, 39, 409-460.	11.6	437
7	pH-sensitive vesicles, polymeric micelles, and nanospheres prepared with polycarboxylates. Advanced Drug Delivery Reviews, 2012, 64, 979-992.	13.7	414
8	A thermosensitive chitosan-based hydrogel for the local delivery of paclitaxel. European Journal of Pharmaceutics and Biopharmaceutics, 2004, 57, 53-63.	4.3	337
9	Polymeric micelles for oral drug delivery. European Journal of Pharmaceutics and Biopharmaceutics, 2010, 76, 147-158.	4.3	332
10	Stereocomplex Block Copolymer Micelles:Â Core”Shell Nanostructures with Enhanced Stability. Nano Letters, 2005, 5, 315-319.	9.1	323
11	Thermosensitive chitosan-based hydrogel containing liposomes for the delivery of hydrophilic molecules. Journal of Controlled Release, 2002, 82, 373-383.	9.9	291
12	Polyester-based micelles and nanoparticles for the parenteral delivery of taxanes. Journal of Controlled Release, 2010, 143, 2-12.	9.9	291
13	Biocompatibility of thermosensitive chitosan-based hydrogels: an in vivo experimental approach to injectable biomaterials. Biomaterials, 2002, 23, 2717-2722.	11.4	280
14	Oral delivery of macromolecular drugs: Where we are after almost 100 years of attempts. Advanced Drug Delivery Reviews, 2016, 101, 108-121.	13.7	244
15	Biodegradable nanoparticles “From sustained release formulations to improved site specific drug delivery. Journal of Controlled Release, 1996, 39, 339-350.	9.9	240
16	Poly(N-vinylpyrrolidone)-block-poly(D,L-lactide) as a new polymeric solubilizer for hydrophobic anticancer drugs: in vitro and in vivo evaluation. Journal of Controlled Release, 2004, 99, 83-101.	9.9	230
17	Co-encapsulation of magnetic nanoparticles and doxorubicin into biodegradable microcarriers for deep tissue targeting by vascular MRI navigation. Biomaterials, 2011, 32, 3481-3486.	11.4	223
18	pH-Sensitive Unimolecular Polymeric Micelles:Â Synthesis of a Novel Drug Carrier. Bioconjugate Chemistry, 2003, 14, 774-781.	3.6	211

#	ARTICLE	IF	CITATIONS
19	N-isopropylacrylamide copolymers for the preparation of pH-sensitive liposomes and polymeric micelles. <i>Journal of Controlled Release</i> , 2001, 72, 71-84.	9.9	208
20	Membrane-destabilizing polyanions: interaction with lipid bilayers and endosomal escape of biomacromolecules. <i>Advanced Drug Delivery Reviews</i> , 2004, 56, 999-1021.	13.7	205
21	Quantitative Imaging of Lymphatic Function with Liposomal Indocyanine Green. <i>Cancer Research</i> , 2010, 70, 7053-7062.	0.9	186
22	In vitro extended-release properties of drug-loaded poly(DL-lactic acid) nanoparticles produced by a salting-out procedure. <i>Pharmaceutical Research</i> , 1993, 10, 1732-1737.	3.5	185
23	Toxicity of Silver Nanoparticles in Macrophages. <i>Small</i> , 2013, 9, 2576-2584.	10.0	184
24	Novel pH-sensitive supramolecular assemblies for oral delivery of poorly water soluble drugs: preparation and characterization. <i>Journal of Controlled Release</i> , 2004, 97, 301-312.	9.9	157
25	Disulfide-containing parenteral delivery systems and their redox-biological fate. <i>Journal of Controlled Release</i> , 2014, 195, 147-154.	9.9	156
26	3D printing of a wearable personalized oral delivery device: A first-in-human study. <i>Science Advances</i> , 2018, 4, eaat2544.	10.3	149
27	Biomedical applications of bisphosphonates. <i>Journal of Controlled Release</i> , 2013, 167, 175-188.	9.9	147
28	Design of targeted lipid nanocapsules by conjugation of whole antibodies and antibody Fab [®] ™ fragments. <i>Biomaterials</i> , 2007, 28, 4978-4990.	11.4	143
29	Novel polymeric micelles based on the amphiphilic diblock copolymer poly(N-vinyl-2-pyrrolidone)-block-poly(D,L-lactide). <i>Pharmaceutical Research</i> , 2001, 18, 323-328.	3.5	136
30	Characterization and biocompatibility of organogels based on L-alanine for parenteral drug delivery implants. <i>Biomaterials</i> , 2005, 26, 6242-6253.	11.4	135
31	Formulation and lyoprotection of poly(lactic acid-co-ethylene oxide) nanoparticles: influence on physical stability and in vitro cell uptake. <i>Pharmaceutical Research</i> , 1999, 16, 859-866.	3.5	134
32	Use of a PEG-conjugated bright near-infrared dye for functional imaging of rerouting of tumor lymphatic drainage after sentinel lymph node metastasis. <i>Biomaterials</i> , 2013, 34, 5128-5137.	11.4	134
33	Polymeric Binders Suppress Gliadin-Induced Toxicity in the Intestinal Epithelium. <i>Gastroenterology</i> , 2009, 136, 288-298.	1.3	127
34	Magnetic nanoparticles encapsulated into biodegradable microparticles steered with an upgraded magnetic resonance imaging system for tumor chemoembolization. <i>Biomaterials</i> , 2009, 30, 6327-6332.	11.4	124
35	Effect of Poly(N-vinyl-pyrrolidone)-block-poly(D,L-lactide) as Coating Agent on the Opsonization, Phagocytosis, and Pharmacokinetics of Biodegradable Nanoparticles. <i>Biomacromolecules</i> , 2009, 10, 408-416.	5.4	123
36	Gene delivery with bisphosphonate-stabilized calcium phosphate nanoparticles. <i>Journal of Controlled Release</i> , 2011, 150, 87-93.	9.9	120

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37	Long Circulating Poly(Ethylene Glycol)-Decorated Lipid Nanocapsules Deliver Docetaxel to Solid Tumors. <i>Pharmaceutical Research</i> , 2006, 23, 752-758.	3.5	118
38	Activatable Cell Penetrating Peptideâ€“Peptide Nucleic Acid Conjugate via Reduction of Azobenzene PEG Chains. <i>Journal of the American Chemical Society</i> , 2014, 136, 12868-12871.	13.7	115
39	Enhancement of oral bioavailability of poorly water-soluble drugs by poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 667 2005, 104, 289-300.	9.9	113
40	Chronic High-Fat Diet Impairs Collecting Lymphatic Vessel Function in Mice. <i>PLoS ONE</i> , 2014, 9, e94713.	2.5	113
41	An investigation on the role of plasma and serum opsonins on the externalization of biodegradable poly(D,L-lactic acid) nanoparticles by human monocytes. <i>Life Sciences</i> , 1995, 57, 695-703.	4.3	112
42	Effects of steam sterilization on thermogelling chitosan-based gels. <i>Journal of Biomedical Materials Research Part B</i> , 2001, 58, 127-135.	3.1	109
43	Characterization of the membrane-destabilizing properties of different pH-sensitive methacrylic acid copolymers. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2003, 1613, 28-38.	2.6	108
44	Agingâ€“related anatomical and biochemical changes in lymphatic collectors impair lymph transport, fluid homeostasis, and pathogen clearance. <i>Aging Cell</i> , 2015, 14, 582-594.	6.7	106
45	Novel Amphiphilic Diblock Copolymer of Low Molecular Weight Poly(N-vinylpyrrolidone)-block-poly(d,l-lactide): Synthesis, Characterization, and Micellization. <i>Macromolecules</i> , 2004, 37, 4008-4013.	4.8	104
46	Ratiometric Fluorescent Probes for the Detection of Reactive Oxygen Species. <i>Chemistry - A European Journal</i> , 2017, 23, 13549-13573.	3.3	104
47	Lipids and polymers in pharmaceutical technology: Lifelong companions. <i>International Journal of Pharmaceutics</i> , 2019, 558, 128-142.	5.2	101
48	Predicting the Solubility of the Anti-Cancer Agent Docetaxel in Small Molecule Excipients using Computational Methods. <i>Pharmaceutical Research</i> , 2008, 25, 147-157.	3.5	99
49	Photothermal Killing of Cancer Cells by the Controlled Plasmonic Coupling of Silicaâ€“Coated Au/Fe₂O₃ Nanoaggregates. <i>Advanced Functional Materials</i> , 2014, 24, 2818-2827.	14.9	99
50	Copolymers of N -isopropylacrylamide can trigger pH sensitivity to stable liposomes. <i>FEBS Letters</i> , 1998, 421, 61-64.	2.8	98
51	Enzyme-Mimetic Antioxidant Luminescent Nanoparticles for Highly Sensitive Hydrogen Peroxide Biosensing. <i>ACS Nano</i> , 2017, 11, 12210-12218.	14.6	96
52	Brain targeting using novel lipid nanovectors. <i>Journal of Controlled Release</i> , 2008, 126, 44-49.	9.9	95
53	A Novel One-Step Drug-Loading Procedure for Water-Soluble Amphiphilic Nanocarriers. <i>Pharmaceutical Research</i> , 2004, 21, 962-968.	3.5	94
54	PEG-coated Poly(lactic acid) Nanoparticles for the Delivery of Hexadecafluoro Zinc Phthalocyanine to EMT-6 Mouse Mammary Tumours. <i>Journal of Pharmacy and Pharmacology</i> , 2011, 47, 382-387.	2.4	94

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55	Polymer based pH-sensitive carriers as a means to improve the cytoplasmic delivery of drugs. International Journal of Pharmaceutics, 2002, 242, 25-36.	5.2	93
56	Novel Long-Circulating Lipid Nanocapsules. Pharmaceutical Research, 2004, 21, 1783-1789.	3.5	92
57	Sustained gastrointestinal activity of dendronized polymer-enzyme conjugates. Nature Chemistry, 2013, 5, 582-589.	13.6	92
58	Twenty-five years of polymersomes: lost in translation?. Materials Horizons, 2020, 7, 1297-1309.	12.2	92
59	Injectable nanocarriers for biodetoxification. Nature Nanotechnology, 2007, 2, 679-684.	31.5	91
60	Solubilization of cyclosporin A in dextran-g-polyethyleneglycolalkyl ether polymeric micelles. European Journal of Pharmaceutics and Biopharmaceutics, 2003, 56, 337-346.	4.3	90
61	In vitro characterization of a novel polymeric-based pH-sensitive liposome system. Biochimica Et Biophysica Acta - Biomembranes, 2000, 1463, 383-394.	2.6	89
62	Serum-stable and long-circulating, PEGylated, pH-sensitive liposomes. Journal of Controlled Release, 2004, 94, 447-451.	9.9	89
63	Editorial: Drug Delivery: Too Much Complexity, Not Enough Reproducibility?. Angewandte Chemie - International Edition, 2017, 56, 15170-15171.	13.8	88
64	Internalization of poly(D,L-lactic acid) nanoparticles by isolated human leukocytes and analysis of plasma proteins adsorbed onto the particles. Journal of Biomedical Materials Research Part B, 1994, 28, 471-481.	3.1	87
65	Recent advances in the treatment of hyperammonemia. Advanced Drug Delivery Reviews, 2015, 90, 55-68.	13.7	87
66	Kinetics of blood component adsorption on poly(D,L-lactic acid) nanoparticles: Evidence of complement C3 component involvement. , 1997, 37, 229-234.		85
67	Preparation and Tumor Cell Uptake of Poly(N-isopropylacrylamide) Folate Conjugates. Bioconjugate Chemistry, 2002, 13, 685-692.	3.6	84
68	pH-Responsive Molecular Tweezers. Journal of the American Chemical Society, 2010, 132, 8544-8545.	13.7	82
69	Breakthrough discoveries in drug delivery technologies: The next 30 years. Journal of Controlled Release, 2014, 190, 9-14.	9.9	82
70	Study of the Micellization Behavior of Different Order Amino Block Copolymers with Heparin. Pharmaceutical Research, 2004, 21, 160-169.	3.5	79
71	In situ-Forming Pharmaceutical Organogels Based on the Self-Assembly of L-Alanine Derivatives. Pharmaceutical Research, 2004, 21, 454-457.	3.5	79
72	From well-defined diblock copolymers prepared by a versatile atom transfer radical polymerization method to supramolecular assemblies. Journal of Polymer Science Part A, 2001, 39, 3861-3874.	2.3	78

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73	Well-Defined Multivalent Ligands for Hepatocytes Targeting via Asialoglycoprotein Receptor. Bioconjugate Chemistry, 2017, 28, 283-295.	3.6	77
74	Challenges and Opportunities in 3D Printing of Biodegradable Medical Devices by Emerging Photopolymerization Techniques. Advanced Functional Materials, 2022, 32, .	14.9	77
75	On the Characterization of pH-sensitive Liposome/Polymer Complexes. Biomacromolecules, 2003, 4, 240-248.	5.4	76
76	First report on the efficacy of l-alanine-based in situ-forming implants for the long-term parenteral delivery of drugs. Journal of Controlled Release, 2005, 108, 433-441.	9.9	76
77	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. Journal of Controlled Release, 2017, 246, 183-184.	9.9	75
78	Solubilization of Docetaxel in Poly(ethylene oxide)-block-poly(butylene/styrene oxide) Micelles. Biomacromolecules, 2007, 8, 2250-2257.	5.4	74
79	Reverse polymeric micelles for pharmaceutical applications. Journal of Controlled Release, 2008, 132, 208-215.	9.9	74
80	Tyrosine-based rivastigmine-loaded organogels in the treatment of Alzheimer's disease. Biomaterials, 2010, 31, 6031-6038.	11.4	74
81	pH-responsive polymeric micelles of poly(ethylene glycol)-b-poly(alkyl(meth)acrylate-co-methacrylic) Tj ETQq1 1 0.784314 rgBT /Overbo candesartan cilexetil. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 65, 379-387.	4.3	72
82	Chemotherapy sensitization of glioblastoma by focused ultrasound-mediated delivery of therapeutic liposomes. Journal of Controlled Release, 2019, 295, 130-139.	9.9	72
83	The Copolymer P(HEMA-co-SS) Binds Gluten and Reduces Immune Response in Gluten-Sensitized Mice and Human Tissues. Gastroenterology, 2012, 142, 316-325.e12.	1.3	71
84	Dynamics of lymphatic regeneration and flow patterns after lymph node dissection. Breast Cancer Research and Treatment, 2013, 139, 81-86.	2.5	71
85	Steric stabilization of liposomes by pH-responsive N-isopropylacrylamide copolymer. Journal of Pharmaceutical Sciences, 2002, 91, 1795-1802.	3.3	70
86	Triblock and star-block copolymers of N-(2-hydroxypropyl)methacrylamide or N-vinyl-2-pyrrolidone and d,l-lactide: synthesis and self-assembling properties in water. Polymer, 2004, 45, 8967-8980.	3.8	69
87	Is there a future for cell-penetrating peptides in oligonucleotide delivery?. European Journal of Pharmaceutics and Biopharmaceutics, 2013, 85, 5-11.	4.3	69
88	Digital light 3D printing of customized bioresorbable airway stents with elastomeric properties. Science Advances, 2021, 7, .	10.3	69
89	Tracking the Bioreduction of Disulfide-Containing Cationic Dendrimers. Angewandte Chemie - International Edition, 2012, 51, 12454-12458.	13.8	67
90	Pharmacokinetics of a Novel HIV-1 Protease Inhibitor Incorporated into Biodegradable or Enteric Nanoparticles following Intravenous and Oral Administration to Mice. Journal of Pharmaceutical Sciences, 1995, 84, 1387-1391.	3.3	66

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91	Liposome-supported peritoneal dialysis for detoxification of drugs and endogenous metabolites. <i>Science Translational Medicine</i> , 2014, 6, 258ra141.	12.4	66
92	Pharmaceutical organogels prepared from aromatic amino acid derivatives. <i>Journal of Materials Chemistry</i> , 2009, 19, 3867.	6.7	65
93	Self-Assembled Nanocages for Hydrophilic Guest Molecules. <i>Journal of the American Chemical Society</i> , 2006, 128, 14599-14605.	13.7	64
94	Nanonization of megestrol acetate by laser fragmentation in aqueous milieu. <i>Journal of Controlled Release</i> , 2011, 149, 273-280.	9.9	64
95	pH-sensitive immunoliposomes specific to the CD33 cell surface antigen of leukemic cells. <i>International Journal of Pharmaceutics</i> , 2009, 381, 86-96.	5.2	63
96	Pharmacokinetics and biodistribution of N-isopropylacrylamide copolymers for the design of pH-sensitive liposomes. <i>Biomaterials</i> , 2009, 30, 2598-2605.	11.4	63
97	Twin disulfides for orthogonal disulfide pairing and the directed folding of multicyclic peptides. <i>Nature Chemistry</i> , 2012, 4, 1044-1049.	13.6	63
98	Decline of lymphatic vessel density and function in murine skin during aging. <i>Angiogenesis</i> , 2015, 18, 489-498.	7.2	63
99	Aminated Linear and Star-Shape Poly(glycerol methacrylate)s: Synthesis and Self-Assembling Properties. <i>Biomacromolecules</i> , 2010, 11, 889-895.	5.4	62
100	Delivery of Nucleic Acids through the Controlled Disassembly of Multifunctional Nanocomplexes. <i>Advanced Functional Materials</i> , 2009, 19, 3862-3867.	14.9	61
101	Semi-permeable coatings fabricated from comb-polymers efficiently protect proteins in vivo. <i>Nature Communications</i> , 2014, 5, 5526.	12.8	61
102	Targeting of Injectable Drug Nanocrystals. <i>Molecular Pharmaceutics</i> , 2014, 11, 1762-1771.	4.6	60
103	Releasable Conjugation of Polymers to Proteins. <i>Bioconjugate Chemistry</i> , 2015, 26, 1172-1181.	3.6	60
104	siRNA nanocarriers based on methacrylic acid copolymers. <i>Journal of Controlled Release</i> , 2011, 152, 159-167.	9.9	58
105	Interplay of Chemical Microenvironment and Redox Environment on Thiol-Disulfide Exchange Kinetics. <i>Chemistry - A European Journal</i> , 2011, 17, 10064-10070.	3.3	58
106	siRNA Transfection with Calcium Phosphate Nanoparticles Stabilized with PEGylated Chelators. <i>Advanced Healthcare Materials</i> , 2013, 2, 134-144.	7.6	57
107	In Situ-Forming Oleogel Implant for Rivastigmine Delivery. <i>Pharmaceutical Research</i> , 2008, 25, 845-852.	3.5	56
108	Genetic Ablation of SOX18 Function Suppresses Tumor Lymphangiogenesis and Metastasis of Melanoma in Mice. <i>Cancer Research</i> , 2012, 72, 3105-3114.	0.9	56

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109	PEG Nanocages as Non-sheddable Stabilizers for Drug Nanocrystals. ACS Nano, 2012, 6, 1667-1676.	14.6	55
110	Targeting Bacterial Toxins. Angewandte Chemie - International Edition, 2012, 51, 4024-4045.	13.8	55
111	pH-sensitive nanoparticles: an effective means to improve the oral delivery of HIV-1 protease inhibitors in dogs. Pharmaceutical Research, 1996, 13, 485-487.	3.5	54
112	In Vitro Evaluation of pH-Sensitive Polymer/Niosome Complexes. Biomacromolecules, 2001, 2, 741-749.	5.4	52
113	Micelles in Anticancer Drug Delivery. American Journal of Drug Delivery, 2004, 2, 15-42.	0.6	52
114	Expansion of the lymphatic vasculature in cancer and inflammation: New opportunities for in vivo imaging and drug delivery. Journal of Controlled Release, 2013, 172, 550-557.	9.9	52
115	Exosomes for Wound Healing: Purification Optimization and Identification of Bioactive Components. Advanced Science, 2020, 7, 2002596.	11.2	52
116	Irradiating or Autoclaving Chitosan/Polyol Solutions: Effect on Thermogelling Chitosan-BETA-glycerophosphate Systems.. Chemical and Pharmaceutical Bulletin, 2002, 50, 1335-1340.	1.3	51
117	Transmembrane pH-Gradient Liposomes To Treat Cardiovascular Drug Intoxication. ACS Nano, 2010, 4, 7552-7558.	14.6	51
118	Thiol-Functionalized Polymeric Micelles: From Molecular Recognition to Improved Mucoadhesion. Bioconjugate Chemistry, 2005, 16, 1027-1033.	3.6	50
119	Plasmonic biocompatible silver-gold alloyed nanoparticles. Chemical Communications, 2014, 50, 13559-13562.	4.1	50
120	Conformation-function relationships for the comb-shaped polymer pOEGMA. Progress in Polymer Science, 2015, 48, 111-121.	24.7	50
121	Fabrication of Paclitaxel Nanocrystals by Femtosecond Laser Ablation and Fragmentation. Journal of Pharmaceutical Sciences, 2011, 100, 1022-1030.	3.3	46
122	Amphipathic Homopolymers for siRNA Delivery: Probing Impact of Bifunctional Polymer Composition on Transfection. Biomacromolecules, 2014, 15, 1707-1715.	5.4	45
123	Preparation and purification of polyisohexylcyanoacrylate nanocapsules. International Journal of Pharmaceutics, 1991, 72, 211-217.	5.2	44
124	On the role of methacrylic acid copolymers in the intracellular delivery of antisense oligonucleotides. European Journal of Pharmaceutics and Biopharmaceutics, 2006, 63, 1-10.	4.3	44
125	Nanopharmaceuticals: A focus on their clinical translatability. International Journal of Pharmaceutics, 2020, 578, 119098.	5.2	44
126	Thiol-Functionalized Poly(ethylene glycol)-b-polyesters: Synthesis and Characterization. Macromolecules, 2007, 40, 1874-1880.	4.8	43

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127	Molecular Sieving on the Surface of a Protein Provides Protection Without Loss of Activity. <i>Advanced Functional Materials</i> , 2013, 23, 2007-2015.	14.9	43
128	Characterization of Calcium Phosphate Nanoparticles Based on a PEGylated Chelator for Gene Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10435-10445.	8.0	43
129	Continuous color tuning of single-fluorophore emission via polymerization-mediated through-space charge transfer. <i>Science Advances</i> , 2021, 7, .	10.3	43
130	Biodegradable nanospheres containing phthalocyanines and naphthalocyanines for targeted photodynamic tumor therapy. <i>Pharmaceutical Research</i> , 1991, 08, 1027-1031.	3.5	42
131	Autonomous gel/enzyme oscillator fueled by glucose: Preliminary evidence for oscillations. <i>Chaos</i> , 1999, 9, 267-275.	2.5	42
132	Star-shaped alkylated poly(glycerol methacrylate) reverse micelles: Synthesis and evaluation of their solubilizing properties in dichloromethane. <i>Journal of Polymer Science Part A</i> , 2007, 45, 2425-2435.	2.3	42
133	Is 3D Printing of Pharmaceuticals a Disruptor or Enabler?. <i>Advanced Materials</i> , 2019, 31, e1805680.	21.0	42
134	Improving the Stability and Activity of Oral Therapeutic Enzymes—Recent Advances and Perspectives. <i>Pharmaceutical Research</i> , 2014, 31, 1099-1105.	3.5	41
135	Improving oral drug bioavailability with polycations?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 427-437.	4.3	41
136	Pharmacokinetics of lipid-drug conjugates loaded into liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 188-199.	4.3	41
137	BL-7010 Demonstrates Specific Binding to Gliadin and Reduces Gluten-Associated Pathology in a Chronic Mouse Model of Gliadin Sensitivity. <i>PLoS ONE</i> , 2014, 9, e109972.	2.5	41
138	Reverse micelles from amphiphilic branched polymers. <i>Soft Matter</i> , 2010, 6, 5850.	2.7	40
139	Modular Design of Redox-Responsive Stabilizers for Nanocrystals. <i>ACS Nano</i> , 2013, 7, 8243-8250.	14.6	40
140	<i>In Vivo</i> Evaluation of pH-Sensitive Polymer-Based Immunoliposomes Targeting the CD33 Antigen. <i>Molecular Pharmaceutics</i> , 2010, 7, 1098-1107.	4.6	39
141	Peptides for tumor-specific drug targeting: state of the art and beyond. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4348-4364.	5.8	39
142	Microfluidic Shrinking Droplet Concentrator for Analyte Detection and Phase Separation of Protein Solutions. <i>Analytical Chemistry</i> , 2020, 92, 5803-5812.	6.5	38
143	Inhibition of vascular calcification by inositol phosphates derivatized with ethylene glycol oligomers. <i>Nature Communications</i> , 2020, 11, 721.	12.8	38
144	Nano-antidotes for drug overdose and poisoning. <i>Science Translational Medicine</i> , 2015, 7, 290ps14.	12.4	37

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145	In vivo fluorescence imaging of exogenous enzyme activity in the gastrointestinal tract. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 9032-9037.	7.1	36
146	Efficient protein targeting to the inner nuclear membrane requires Atlastin-dependent maintenance of ER topology. ELife, 2017, 6, .	6.0	36
147	Report on the Use of Poly(organophosphazenes) for the Design of Stimuli-Responsive Vesicles. Biomacromolecules, 2004, 5, 2082-2087.	5.4	35
148	Broad Control of Disulfide Stability through Microenvironmental Effects and Analysis in Complex Redox Environments. Biomacromolecules, 2013, 14, 2383-2388.	5.4	35
149	Site-Specific Polymer Conjugation Stabilizes Therapeutic Enzymes in the Gastrointestinal Tract. Advanced Materials, 2016, 28, 1455-1460.	21.0	35
150	Encapsulation of Hydrophilic Compounds in Small Extracellular Vesicles: Loading Capacity and Impact on Vesicle Functions. Advanced Healthcare Materials, 2022, 11, e2100047.	7.6	35
151	Long-circulating poly(ethylene glycol)-coated emulsions to target solid tumors. European Journal of Pharmaceutics and Biopharmaceutics, 2007, 67, 329-338.	4.3	34
152	Interaction of Î±-Gliadin with poly(HEMA-co-SS): Structural characterization and biological implication. Biopolymers, 2009, 91, 169-178.	2.4	34
153	In Vitro and In Vivo Evaluation of PEGylated Layer-by-Layer Polyelectrolyte-Coated Paclitaxel Nanocrystals. Small, 2017, 13, 1602066.	10.0	34
154	Synthesis and enzymatic stability of PEGylated oligonucleotide duplexes and their self-assemblies with polyamidoamine dendrimers. Soft Matter, 2008, 4, 294-302.	2.7	33
155	Treatment of calcium channel blocker-induced cardiovascular toxicity with drug scavenging liposomes. Biomaterials, 2012, 33, 3578-3585.	11.4	33
156	In vivo visualization and quantification of collecting lymphatic vessel contractility using near-infrared imaging. Scientific Reports, 2016, 6, 22930.	3.3	33
157	Poly(N-vinylpyrrolidone)-block-poly(D,L-lactide) as polymeric emulsifier for the preparation of biodegradable nanoparticles. Journal of Pharmaceutical Sciences, 2007, 96, 1763-1775.	3.3	32
158	Long circulating lipid nanocapsules for drug detoxification. Biomaterials, 2007, 28, 1248-1257.	11.4	32
159	New pharmaceutical applications for macromolecular binders. Journal of Controlled Release, 2011, 155, 200-210.	9.9	32
160	Non-invasive dynamic near-infrared imaging and quantification of vascular leakage in vivo. Angiogenesis, 2013, 16, 525-540.	7.2	32
161	Twin disulfides as opportunity for improving stability and transfection efficiency of oligoaminoethane polyplexes. Journal of Controlled Release, 2015, 205, 109-119.	9.9	32
162	An oral redox-sensitive self-immolating prodrug strategy. Chemical Communications, 2015, 51, 5721-5724.	4.1	31

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163	Targeting Nanocarriers with Anisamide: Fact or Artifact?. Advanced Materials, 2017, 29, 1603451.	21.0	31
164	Characterization of Polyion Complex Micelles Designed to Address the Challenges of Oligonucleotide Delivery. Pharmaceutical Research, 2008, 25, 2083-2093.	3.5	30
165	Core Cross-Linked Reverse Micelles from Star-Shaped Polymers. Chemistry of Materials, 2008, 20, 3063-3067.	6.7	30
166	Preparation of polyion complex micelles from poly(ethylene glycol)-block-polyions. Journal of Controlled Release, 2011, 156, 118-127.	9.9	30
167	Microneedles for the Noninvasive Structural and Functional Assessment of Dermal Lymphatic Vessels. Small, 2016, 12, 1053-1061.	10.0	30
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