

Jean-Christophe Leroux

List of Publications by Year in descending order

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Version: 2024-02-01

267
papers

20,853
citations

11235

73
h-index

13635

134
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284
all docs

284
docs citations

284
times ranked

25437
citing authors

#	ARTICLE	IF	CITATIONS
1	Encapsulation of Hydrophilic Compounds in Small Extracellular Vesicles: Loading Capacity and Impact on Vesicle Functions. <i>Advanced Healthcare Materials</i> , 2022, 11, e2100047.	3.9	35
2	Rapid Characterization and Quantification of Extracellular Vesicles by Fluorescence-Based Microfluidic Diffusion Sizing. <i>Advanced Healthcare Materials</i> , 2022, 11, e2100021.	3.9	13
3	Challenges and Opportunities in 3D Printing of Biodegradable Medical Devices by Emerging Photopolymerization Techniques. <i>Advanced Functional Materials</i> , 2022, 32, .	7.8	77
4	The TFAMoplex Conversion of the Mitochondrial Transcription Factor A into a DNA Transfection Agent. <i>Advanced Science</i> , 2022, 9, e2104987.	5.6	6
5	3D printed elastomers with Sylgard-184-like mechanical properties and tuneable degradability. <i>Polymer Chemistry</i> , 2022, 13, 2271-2276.	1.9	10
6	Activity-Based Approach for Selective Molecular CO ₂ Sensing. <i>Journal of the American Chemical Society</i> , 2022, 144, 8717-8724.	6.6	13
7	Light-Based Printing of Leachable Salt Molds for Facile Shaping of Complex Structures. <i>Advanced Materials</i> , 2022, 34, .	11.1	10
8	3D printing of a controlled fluoride delivery device for the prevention and treatment of tooth decay. <i>Journal of Controlled Release</i> , 2022, 348, 870-880.	4.8	9
9	Digital light 3D printing of customized bioresorbable airway stents with elastomeric properties. <i>Science Advances</i> , 2021, 7, .	4.7	69
10	Continuous color tuning of single-fluorophore emission via polymerization-mediated through-space charge transfer. <i>Science Advances</i> , 2021, 7, .	4.7	43
11	Physical methods for enhancing drug absorption from the gastrointestinal tract. <i>Advanced Drug Delivery Reviews</i> , 2021, 175, 113814.	6.6	24
12	Solvent-Free Three-Dimensional Printing of Biodegradable Elastomers Using Liquid Macrophotoinitiators. <i>Macromolecules</i> , 2021, 54, 7830-7839.	2.2	25
13	Optimization of an ammonia assay based on transmembrane pH-gradient polymersomes. <i>Scientific Reports</i> , 2021, 11, 22032.	1.6	2
14	Preclinical evaluation of liposome-supported peritoneal dialysis for the treatment of hyperammonemic crises. <i>Journal of Controlled Release</i> , 2020, 328, 503-513.	4.8	10
15	Nanopharmaceuticals: A focus on their clinical translatability. <i>International Journal of Pharmaceutics</i> , 2020, 578, 119098.	2.6	44
16	Investigating the Mechanism of Cyclodextrins in the Treatment of Niemann-Pick Disease Type C Using Crosslinked 2-Hydroxypropyl-β-cyclodextrin. <i>Small</i> , 2020, 16, e2004735.	5.2	16
17	Exosomes for Wound Healing: Purification Optimization and Identification of Bioactive Components. <i>Advanced Science</i> , 2020, 7, 2002596.	5.6	52
18	DNA unchained: two assays to discover and study inhibitors of the DNA clustering function of barrier-to-autointegration factor. <i>Scientific Reports</i> , 2020, 10, 12301.	1.6	8

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19	Investigational Therapies for Primary Hyperoxaluria. <i>Bioconjugate Chemistry</i> , 2020, 31, 1696-1707.	1.8	16
20	Engineered Polymersomes for the Treatment of Fish Odor Syndrome: A First Randomized Double Blind Olfactory Study. <i>Advanced Science</i> , 2020, 7, 1903697.	5.6	9
21	Microfluidic Shrinking Droplet Concentrator for Analyte Detection and Phase Separation of Protein Solutions. <i>Analytical Chemistry</i> , 2020, 92, 5803-5812.	3.2	38
22	Inhibitors of Calcium Oxalate Crystallization for the Treatment of Oxalate Nephropathies. <i>Advanced Science</i> , 2020, 7, 1903337.	5.6	27
23	Treatments of trimethylaminuria: where we are and where we might be heading. <i>Drug Discovery Today</i> , 2020, 25, 1710-1717.	3.2	24
24	A microparticulate based formulation to protect therapeutic enzymes from proteolytic digestion: phenylalanine ammonia lyase as case study. <i>Scientific Reports</i> , 2020, 10, 3651.	1.6	11
25	Ammonia uptake by transmembrane pH gradient poly(isoprene)-block-poly(ethylene glycol) polymersomes. <i>Soft Matter</i> , 2020, 16, 2725-2735.	1.2	2
26	Twenty-five years of polymersomes: lost in translation?. <i>Materials Horizons</i> , 2020, 7, 1297-1309.	6.4	92
27	Inhibition of vascular calcification by inositol phosphates derivatized with ethylene glycol oligomers. <i>Nature Communications</i> , 2020, 11, 721.	5.8	38
28	Development of a Kidney Calcification Inhibitor Employing Image-Based Profiling: A Proof-of-Concept Study. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1339-1351.	2.5	0
29	Development of a Kidney Calcification Inhibitor Employing Image-Based Profiling: A Proof-of-Concept Study. <i>ACS Pharmacology and Translational Science</i> , 2020, 3, 1339-1351.	2.5	0
30	Opposing roles of endothelial and leukocyte-expressed IL-7R α in the regulation of psoriasis-like skin inflammation. <i>Scientific Reports</i> , 2019, 9, 11714.	1.6	9
31	Ultra-sub-stoichiometric α -Dynamic Bioconjugation Reduces Viscosity by Disrupting Immunoglobulin Oligomerization. <i>Biomacromolecules</i> , 2019, 20, 3557-3565.	2.6	2
32	Delivery of Rapamycin Using In Situ Forming Implants Promotes Immunoregulation and Vascularized Composite Allograft Survival. <i>Scientific Reports</i> , 2019, 9, 9269.	1.6	15
33	An Investigation of PS- <i>b</i> -PEO Polymersomes for the Oral Treatment and Diagnosis of Hyperammonemia. <i>Small</i> , 2019, 15, e1902347.	5.2	22
34	The Illusion and Disillusion of Peer Review. <i>ACS Nano</i> , 2019, 13, 9696-9697.	7.3	2
35	Dual delivery of nucleic acids and PEGylated-bisphosphonates via calcium phosphate nanoparticles. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2019, 142, 142-152.	2.0	20
36	Closed-loop cavitation control for focused ultrasound-mediated blood-brain barrier opening by long-circulating microbubbles. <i>Physics in Medicine and Biology</i> , 2019, 64, 045012.	1.6	18

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37	Lipids and polymers in pharmaceutical technology: Lifelong companions. <i>International Journal of Pharmaceutics</i> , 2019, 558, 128-142.	2.6	101
38	Small-Molecule Allosteric Triggers of Clostridium difficile Toxin B Auto-proteolysis as a Therapeutic Strategy. <i>Cell Chemical Biology</i> , 2019, 26, 17-26.e13.	2.5	11
39	Chemotherapy sensitization of glioblastoma by focused ultrasound-mediated delivery of therapeutic liposomes. <i>Journal of Controlled Release</i> , 2019, 295, 130-139.	4.8	72
40	Poly(ethylene glycol)-alendronate coated nanoparticles for magnetic resonance imaging of lymph nodes. <i>Journal of Drug Targeting</i> , 2019, 27, 659-669.	2.1	7
41	Is 3D Printing of Pharmaceuticals a Disruptor or Enabler?. <i>Advanced Materials</i> , 2019, 31, e1805680.	11.1	42
42	Investigational Pharmacological Treatments for Vascular Calcification. <i>Advanced Therapeutics</i> , 2019, 2, 1800094.	1.6	28
43	Minimally invasive method for the point-of-care quantification of lymphatic vessel function. <i>JCI Insight</i> , 2019, 4, .	2.3	19
44	Peritoneal dialysis beyond kidney failure?. <i>Journal of Controlled Release</i> , 2018, 282, 3-12.	4.8	5
45	Pharmacokinetics of lipid-drug conjugates loaded into liposomes. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 128, 188-199.	2.0	41
46	Near-UV activated, photostable nanophosphors for in vitro dosimetry and dynamic bioimaging. <i>AICHE Journal</i> , 2018, 64, 2947-2957.	1.8	12
47	Structural properties and gene-silencing activity of chemically modified DNA-RNA hybrids with parallel orientation. <i>Nucleic Acids Research</i> , 2018, 46, 1614-1623.	6.5	3
48	Liposome-supported peritoneal dialysis in the treatment of severe hyperammonemia: An investigation on potential interactions. <i>Journal of Controlled Release</i> , 2018, 278, 57-65.	4.8	16
49	The novelty bubble. <i>Journal of Controlled Release</i> , 2018, 278, 140-141.	4.8	13
50	Preparation of PEGylated liposomes incorporating lipophilic lomeguatrib derivatives for the sensitization of chemo-resistant gliomas. <i>International Journal of Pharmaceutics</i> , 2018, 536, 388-396.	2.6	12
51	SuO015VS-01 - A PROMISING INTRAPERITONEAL TREATMENT TO MANAGE HEPATIC ENCEPHALOPATHY AND RENAL FAILURE IN CIRRHOTIC PATIENTS. <i>Nephrology Dialysis Transplantation</i> , 2018, 33, i622-i622.	0.4	1
52	3D printing of a wearable personalized oral delivery device: A first-in-human study. <i>Science Advances</i> , 2018, 4, eaat2544.	4.7	149
53	Intracellular delivery of colloids: Past and future contributions from microinjection. <i>Advanced Drug Delivery Reviews</i> , 2018, 132, 3-15.	6.6	29
54	Drug Delivery Research for the Future: Expanding the Nano Horizons and Beyond. <i>Journal of Controlled Release</i> , 2017, 246, 183-184.	4.8	75

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55	The effect of settling on cytotoxicity evaluation of SiO ₂ nanoparticles. <i>Journal of Aerosol Science</i> , 2017, 108, 56-66.	1.8	18
56	Peptides for tumor-specific drug targeting: state of the art and beyond. <i>Journal of Materials Chemistry B</i> , 2017, 5, 4348-4364.	2.9	39
57	Development of a Modular Ratiometric Fluorescent Probe for the Detection of Extracellular Superoxide. <i>Chemistry - A European Journal</i> , 2017, 23, 4765-4769.	1.7	10
58	Prolonged circulation and increased tumor accumulation of liposomal vincristine in a mouse model of rhabdomyosarcoma. <i>Nanomedicine</i> , 2017, 12, 1135-1151.	1.7	13
59	Ratiometric Fluorescent Probes for the Detection of Reactive Oxygen Species. <i>Chemistry - A European Journal</i> , 2017, 23, 13549-13573.	1.7	104
60	Drugs Interactions and Metabolomic Profile During Liposome-Supported Peritoneal Dialysis (LSPD) in the Treatment of Severe Hyperammonemia. <i>Journal of Clinical and Experimental Hepatology</i> , 2017, 7, S15.	0.4	0
61	Characterization of Calcium Phosphate Nanoparticles Based on a PEGylated Chelator for Gene Delivery. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10435-10445.	4.0	43
62	Well-Defined Multivalent Ligands for Hepatocytes Targeting via Asialoglycoprotein Receptor. <i>Bioconjugate Chemistry</i> , 2017, 28, 283-295.	1.8	77
63	Editorial: Drug Delivery: Too Much Complexity, Not Enough Reproducibility?. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 15170-15171.	7.2	88
64	Editorial: Drug Delivery: zu kompliziert und nicht reproduzierbar genug?. <i>Angewandte Chemie</i> , 2017, 129, 15368-15369.	1.6	7
65	Frontispiece: Ratiometric Fluorescent Probes for the Detection of Reactive Oxygen Species. <i>Chemistry - A European Journal</i> , 2017, 23, .	1.7	0
66	Liposome-supported enzymatic peritoneal dialysis. <i>Biomaterials</i> , 2017, 145, 128-137.	5.7	18
67	Gastroresistant oral peptide for fluorescence imaging of colonic inflammation. <i>Journal of Controlled Release</i> , 2017, 262, 118-126.	4.8	5
68	Comment on "A Liposomal System Capable of Generating CO ₂ Bubbles to Induce Transient Cavitation, Lysosomal Rupturing and Cell Necrosis". <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11686-11689.	7.2	3
69	Comment on "A Liposomal System Capable of Generating CO ₂ Bubbles to Induce Transient Cavitation, Lysosomal Rupturing and Cell Necrosis". <i>Angewandte Chemie</i> , 2017, 129, 11846-11849.	1.6	0
70	Microinjection for the <i>ex Vivo</i> Modification of Cells with Artificial Organelles. <i>ACS Nano</i> , 2017, 11, 7758-7769.	7.3	15
71	Enzyme-Mimetic Antioxidant Luminescent Nanoparticles for Highly Sensitive Hydrogen Peroxide Biosensing. <i>ACS Nano</i> , 2017, 11, 12210-12218.	7.3	96
72	In Vitro and In Vivo Evaluation of PEGylated Layer-by-Layer Polyelectrolyte-Coated Paclitaxel Nanocrystals. <i>Small</i> , 2017, 13, 1602066.	5.2	34

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73	Layer-by-layer Coating of Solid Drug Cores: A Versatile Method to Improve Stability, Control Release and Tune Surface Properties. <i>Macromolecular Bioscience</i> , 2017, 17, 1600228.	2.1	15
74	Targeting Nanocarriers with Anisamide: Fact or Artifact?. <i>Advanced Materials</i> , 2017, 29, 1603451.	11.1	31
75	Serum-Stable, Long-Circulating, pH-Sensitive PEGylated Liposomes. <i>Methods in Molecular Biology</i> , 2017, 1522, 193-207.	0.4	5
76	Quantitative measurement of lymphatic function in mice by noninvasive near-infrared imaging of a peripheral vein. <i>JCI Insight</i> , 2017, 2, e90861.	2.3	28
77	Efficient protein targeting to the inner nuclear membrane requires Atlastin-dependent maintenance of ER topology. <i>ELife</i> , 2017, 6, .	2.8	36
78	Presumed LRP1-targeting transport peptide delivers β -secretase inhibitor to neurons in vitro with limited efficiency. <i>Scientific Reports</i> , 2016, 6, 34297.	1.6	9
79	In vivo visualization and quantification of collecting lymphatic vessel contractility using near-infrared imaging. <i>Scientific Reports</i> , 2016, 6, 22930.	1.6	33
80	Regulation of lymphangiogenesis in the diaphragm by macrophages and VEGFR-3 signaling. <i>Angiogenesis</i> , 2016, 19, 513-524.	3.7	29
81	Quantitative analysis of the deposited nanoparticle dose on cell cultures by optical absorption spectroscopy. <i>Nanomedicine</i> , 2016, 11, 2483-2496.	1.7	26
82	Carrier-free Gene Silencing by Amphiphilic Nucleic Acid Conjugates in Differentiated Intestinal Cells. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e364.	2.3	8
83	Liposome-Supported Peritoneal Dialysis for the Treatment of Hyperammonemia-Associated Encephalopathy. <i>Advanced Functional Materials</i> , 2016, 26, 8382-8389.	7.8	24
84	Site-Specific Polymer Conjugation Stabilizes Therapeutic Enzymes in the Gastrointestinal Tract. <i>Advanced Materials</i> , 2016, 28, 1455-1460.	11.1	35
85	A Chiral Phosphoramidite Reagent for the Synthesis of Inositol Phosphates. <i>Organic Letters</i> , 2016, 18, 3162-3165.	2.4	7
86	Microneedles for the Noninvasive Structural and Functional Assessment of Dermal Lymphatic Vessels. <i>Small</i> , 2016, 12, 1053-1061.	5.2	30
87	Oral delivery of macromolecular drugs: Where we are after almost 100 years of attempts. <i>Advanced Drug Delivery Reviews</i> , 2016, 101, 108-121.	6.6	244
88	Findings questioning the involvement of Sigma-1 receptor in the uptake of anisamide-decorated particles. <i>Journal of Controlled Release</i> , 2016, 224, 229-238.	4.8	24
89	Polymer-coated pH-responsive high-density lipoproteins. <i>Journal of Controlled Release</i> , 2016, 228, 132-140.	4.8	10
90	Permeation of steryl ferulates through an in vitro intestinal barrier model. <i>Molecular Nutrition and Food Research</i> , 2015, 59, 1182-1189.	1.5	10

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91	Nano-antidotes for drug overdose and poisoning. <i>Science Translational Medicine</i> , 2015, 7, 290ps14.	5.8	37
92	New Paradigms for the Chiral Synthesis of Inositol Phosphates. <i>ChemBioChem</i> , 2015, 16, 1030-1032.	1.3	3
93	Preparation of PEGylated chelator-stabilized calcium phosphate nanoparticles for liver-targeted delivery of nucleic acid. <i>Journal of Controlled Release</i> , 2015, 213, e116.	4.8	2
94	Releasable Conjugation of Polymers to Proteins. <i>Bioconjugate Chemistry</i> , 2015, 26, 1172-1181.	1.8	60
95	Twin disulfides as opportunity for improving stability and transfection efficiency of oligoaminoethane polyplexes. <i>Journal of Controlled Release</i> , 2015, 205, 109-119.	4.8	32
96	N-methyl pyrrolidone/bone morphogenetic protein-2 double delivery with in situ forming implants. <i>Journal of Controlled Release</i> , 2015, 203, 181-188.	4.8	19
97	Investigational new treatments for <i>Clostridium difficile</i> infection. <i>Drug Discovery Today</i> , 2015, 20, 602-608.	3.2	15
98	Conformationâ€function relationships for the comb-shaped polymer pOEGMA. <i>Progress in Polymer Science</i> , 2015, 48, 111-121.	11.8	50
99	An oral redox-sensitive self-immolating prodrug strategy. <i>Chemical Communications</i> , 2015, 51, 5721-5724.	2.2	31
100	Recent advances in the treatment of hyperammonemia. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 55-68.	6.6	87
101	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.	3.0	106
102	Oral prodrug strategy for poorly soluble drugs. <i>Journal of Controlled Release</i> , 2015, 213, e102.	4.8	4
103	Decline of lymphatic vessel density and function in murine skin during aging. <i>Angiogenesis</i> , 2015, 18, 489-498.	3.7	63
104	Current and forthcoming approaches for systemic detoxification. <i>Advanced Drug Delivery Reviews</i> , 2015, 90, 1-2.	6.6	13
105	Improving oral drug bioavailability with polycations?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 97, 427-437.	2.0	41
106	Chronic High-Fat Diet Impairs Collecting Lymphatic Vessel Function in Mice. <i>PLoS ONE</i> , 2014, 9, e94713.	1.1	113
107	Liposome-supported peritoneal dialysis for detoxification of drugs and endogenous metabolites. <i>Science Translational Medicine</i> , 2014, 6, 258ra141.	5.8	66
108	MR Imaging of Therapeutic Magnetic Microcarriers Guided by Magnetic Resonance Navigation for Targeted Liver Chemoembolization. <i>CardioVascular and Interventional Radiology</i> , 2014, 37, 784-790.	0.9	20

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109	Improving the Stability and Activity of Oral Therapeutic Enzymes—Recent Advances and Perspectives. <i>Pharmaceutical Research</i> , 2014, 31, 1099-1105.	1.7	41
110	Photothermal Killing of Cancer Cells by the Controlled Plasmonic Coupling of Silica-Coated Au/Fe ₂ O ₃ Nanoaggregates. <i>Advanced Functional Materials</i> , 2014, 24, 2818-2827.	7.8	99
111	Semi-permeable coatings fabricated from comb-polymers efficiently protect proteins in vivo. <i>Nature Communications</i> , 2014, 5, 5526.	5.8	61
112	Cancer Treatment: Photothermal Killing of Cancer Cells by the Controlled Plasmonic Coupling of Silica-Coated Au/Fe ₂ O ₃ Nanoaggregates (<i>Adv. Funct. Mater.</i> 19(2014)). <i>Advanced Functional Materials</i> , 2014, 24, 2817-2817.	7.8	0
113	Targeting of Injectable Drug Nanocrystals. <i>Molecular Pharmaceutics</i> , 2014, 11, 1762-1771.	2.3	60
114	Plasmonic biocompatible silver-gold alloyed nanoparticles. <i>Chemical Communications</i> , 2014, 50, 13559-13562.	2.2	50
115	Breakthrough discoveries in drug delivery technologies: The next 30 years. <i>Journal of Controlled Release</i> , 2014, 190, 9-14.	4.8	82
116	Disulfide-containing parenteral delivery systems and their redox-biological fate. <i>Journal of Controlled Release</i> , 2014, 195, 147-154.	4.8	156
117	Amphipathic Homopolymers for siRNA Delivery: Probing Impact of Bifunctional Polymer Composition on Transfection. <i>Biomacromolecules</i> , 2014, 15, 1707-1715.	2.6	45
118	Activatable Cell Penetrating Peptide—Peptide Nucleic Acid Conjugate via Reduction of Azobenzene PEG Chains. <i>Journal of the American Chemical Society</i> , 2014, 136, 12868-12871.	6.6	115
119	Bio-reduction of Redox-sensitive Albumin Conjugates in FcRn-Expressing Cells. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 8392-8396.	7.2	15
120	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.	1.1	41
121	Celiac Disease: A Challenging Disease for Pharmaceutical Scientists. <i>Pharmaceutical Research</i> , 2013, 30, 619-626.	1.7	19
122	Non-invasive dynamic near-infrared imaging and quantification of vascular leakage in vivo. <i>Angiogenesis</i> , 2013, 16, 525-540.	3.7	32
123	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.	5.7	134
124	Modular Design of Redox-Responsive Stabilizers for Nanocrystals. <i>ACS Nano</i> , 2013, 7, 8243-8250.	7.3	40
125	Expansion of the lymphatic vasculature in cancer and inflammation: New opportunities for in vivo imaging and drug delivery. <i>Journal of Controlled Release</i> , 2013, 172, 550-557.	4.8	52
126	Is there a future for cell-penetrating peptides in oligonucleotide delivery?. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2013, 85, 5-11.	2.0	69

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127	Toxicity of Silver Nanoparticles in Macrophages. <i>Small</i> , 2013, 9, 2576-2584.	5.2	184
128	Biomedical applications of bisphosphonates. <i>Journal of Controlled Release</i> , 2013, 167, 175-188.	4.8	147
129	Dynamics of lymphatic regeneration and flow patterns after lymph node dissection. <i>Breast Cancer Research and Treatment</i> , 2013, 139, 81-86.	1.1	71
130	Sustained gastrointestinal activity of dendronized polymer-enzyme conjugates. <i>Nature Chemistry</i> , 2013, 5, 582-589.	6.6	92
131	Broad Control of Disulfide Stability through Microenvironmental Effects and Analysis in Complex Redox Environments. <i>Biomacromolecules</i> , 2013, 14, 2383-2388.	2.6	35
132	siRNA Transfection with Calcium Phosphate Nanoparticles Stabilized with PEGylated Chelators. <i>Advanced Healthcare Materials</i> , 2013, 2, 134-144.	3.9	57
133	Molecular Sieving on the Surface of a Protein Provides Protection Without Loss of Activity. <i>Advanced Functional Materials</i> , 2013, 23, 2007-2015.	7.8	43
134	Polymer-Enzyme Conjugates for Oral Drug Delivery Applications. <i>Chimia</i> , 2013, 67, 685.	0.3	1
135	Tracking the Bioreduction of Disulfide-Containing Cationic Dendrimers. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12454-12458.	7.2	67
136	Annealing of magnetic nanoparticles for their encapsulation into microcarriers guided by vascular magnetic resonance navigation. <i>Journal of Nanoparticle Research</i> , 2012, 14, 1.	0.8	6
137	The Copolymer P(HEMA-co-SS) Binds Gluten and Reduces Immune Response in Gluten-Sensitized Mice and Human Tissues. <i>Gastroenterology</i> , 2012, 142, 316-325.e12.	0.6	71
138	Twin disulfides for orthogonal disulfide pairing and the directed folding of multicyclic peptides. <i>Nature Chemistry</i> , 2012, 4, 1044-1049.	6.6	63
139	Lipase Is Essential for the Study of <i>in Vitro</i> Release Kinetics from Organogels. <i>Molecular Pharmaceutics</i> , 2012, 9, 1803-1811.	2.3	13
140	PEG Nanocages as Non-sheddable Stabilizers for Drug Nanocrystals. <i>ACS Nano</i> , 2012, 6, 1667-1676.	7.3	55
141	pH-sensitive vesicles, polymeric micelles, and nanospheres prepared with polycarboxylates. <i>Advanced Drug Delivery Reviews</i> , 2012, 64, 979-992.	6.6	414
142	Genetic Ablation of SOX18 Function Suppresses Tumor Lymphangiogenesis and Metastasis of Melanoma in Mice. <i>Cancer Research</i> , 2012, 72, 3105-3114.	0.4	56
143	Targeting Bacterial Toxins. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 4024-4045.	7.2	55
144	Treatment of calcium channel blocker-induced cardiovascular toxicity with drug scavenging liposomes. <i>Biomaterials</i> , 2012, 33, 3578-3585.	5.7	33

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145	The interactions of amphiphilic antisense oligonucleotides with serum proteins and their effects on in vitro silencing activity. <i>Biomaterials</i> , 2012, 33, 5955-5965.	5.7	19
146	The journey of a drug-carrier in the body: An anatomico-physiological perspective. <i>Journal of Controlled Release</i> , 2012, 161, 152-163.	4.8	568
147	Development and physico-chemical characterization of a liposomal formulation of istaroxime. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2011, 79, 285-293.	2.0	9
148	Nanonization of megestrol acetate by laser fragmentation in aqueous milieu. <i>Journal of Controlled Release</i> , 2011, 149, 273-280.	4.8	64
149	Gene delivery with bisphosphonate-stabilized calcium phosphate nanoparticles. <i>Journal of Controlled Release</i> , 2011, 150, 87-93.	4.8	120
150	siRNA nanocarriers based on methacrylic acid copolymers. <i>Journal of Controlled Release</i> , 2011, 152, 159-167.	4.8	58
151	New pharmaceutical applications for macromolecular binders. <i>Journal of Controlled Release</i> , 2011, 155, 200-210.	4.8	32
152	Preparation of polyion complex micelles from poly(ethylene glycol)-block-polyions. <i>Journal of Controlled Release</i> , 2011, 156, 118-127.	4.8	30
153	Self assembling properties of aminated poly(glycerol methacrylate)s. <i>Journal of Controlled Release</i> , 2011, 152, e142-e143.	4.8	3
154	Fabrication of Paclitaxel Nanocrystals by Femtosecond Laser Ablation and Fragmentation. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 1022-1030.	1.6	46
155	Interplay of Chemical Microenvironment and Redox Environment on Thiol-Disulfide Exchange Kinetics. <i>Chemistry - A European Journal</i> , 2011, 17, 10064-10070.	1.7	58
156	Co-encapsulation of magnetic nanoparticles and doxorubicin into biodegradable microcarriers for deep tissue targeting by vascular MRI navigation. <i>Biomaterials</i> , 2011, 32, 3481-3486.	5.7	223
157	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.	1.2	94
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