Stephanie Schubert

List of Publications by Year
in descending order

77 papers	3,410 citations	172457 29 h-index	155660 55 g-index
81 all docs	81 docs citations	81 times ranked	5005 citing authors

#	Article	IF	Citations
1	Miniemulsion polymerization at low temperature: A strategy for one-pot encapsulation of hydrophobic anti-inflammatory drugs into polyester-containing nanoparticles. Journal of Colloid and Interface Science, 2022, 612, 628-638.	9.4	5
2	Ethoxy acetalated dextran-based nanocarriers accomplish efficient inhibition of leukotriene formation by a novel FLAP antagonist in human leukocytes and blood. Cellular and Molecular Life Sciences, 2022, 79, 1.	5.4	7
3	Self-assembled PEGylated amphiphilic polypeptides for gene transfection. Journal of Materials Chemistry B, 2021, 9, 8224-8236.	5.8	7
4	Characterization of a library of vitamin A-functionalized polymethacrylate-based nanoparticles for siRNA delivery. Polymer Chemistry, 2021, 12, 911-925.	3.9	5
5	In vivo coherent antiâ€Stokes Raman scattering microscopy reveals vitamin A distribution in the liver. Journal of Biophotonics, 2021, 14, e202100040.	2.3	3
6	Dual Photo- and pH-Responsive Spirooxazine-Functionalized Dextran Nanoparticles. Biomacromolecules, 2020, 21, 3620-3630.	5.4	13
7	Formulation of Liver-Specific PLGA-DY-635 Nanoparticles Loaded with the Protein Kinase C Inhibitor Bisindolylmaleimide I. Pharmaceutics, 2020, 12, 1110.	4.5	6
8	Encapsulation of the dual FLAP/mPEGS-1 inhibitor BRP-187 into acetalated dextran and PLGA nanoparticles improves its cellular bioactivity. Journal of Nanobiotechnology, 2020, 18, 73.	9.1	21
9	Tunable nanogels by hostâ€“guest interaction with carboxylate pillar[5]arene for controlled encapsulation and release of doxorubicin. Nanoscale, 2020, 12, 13595-13605.	5.6	6
10	Straightforward Access to Glycosylated, Acid Sensitive Nanogels by Hostâ€“Guest Interactions with Sugar-Modified Pillar[5]arenes. ACS Macro Letters, 2020, 9, 540-545.	4.8	11
11	Degradable polycaprolactone nanoparticles stabilized <i>via</i> supramolecular hostâ€“guest interactions with pH-responsive polymer-pillar[5]arene conjugates. Polymer Chemistry, 2020, 11, 1985-1997.	3.9	4
12	Improved Bioactivity of the Natural Product 5-Lipoxygenase Inhibitor Hyperforin by Encapsulation into Polymeric Nanoparticles. Molecular Pharmaceutics, 2020, 17, 810-816.	4.6	14
13	Polymer-based nanoparticles for biomedical applications. Frontiers of Nanoscience, 2020, 16, 233-252.	0.6	4
14	Effect of surfactant on the size and stability of PLGA nanoparticles encapsulating a protein kinase C inhibitor. International Journal of Pharmaceutics, 2019, 566, 756-764.	5.2	44
15	Utilization of 4â€(trifluoromethyl)benzenesulfonates as Counter Ions Tunes the Initiator Efficiency of Sophisticated Initiators for the Preparation of Wellâ€Defined poly(2â€oxazoline)s. Macromolecular Rapid Communications, 2019, 40, 1900094.	3.9	5
16	Smart pH-Sensitive Nanogels for Controlled Release in an Acidic Environment. Biomacromolecules, 2019, 20, 130-140.	5.4	43
17	Spherical and Wormâ€Like Micelles from Fructoseâ€Functionalized Polyether Block Copolymers. Macromolecular Bioscience, 2018, 18, e1700396.	4.1	7
18	Accelerating the acidic degradation of a novel thermoresponsive polymer by hostâ€“guest interaction. Polymer Chemistry, 2018, 9, 2634-2642.	3.9	9

#	ARTICLE	IF	CITATIONS
19	Comparison of random and gradient amino functionalized poly(2â€oxazoline)s: Can the transfection efficiency be tuned by the macromolecular structure?. Journal of Polymer Science Part A, 2018, 56, 1210-1224.	2.3	5
20	Photocontrolled Release of Chemicals from Nanoâ€•and Microparticle Containers. Angewandte Chemie - International Edition, 2018, 57, 2479-2482.	13.8	25
21	From Dendrimers to Macrocycles: 80 Years George R. Newkomeâ€"Milestones of a Gentleman Scientist. Macromolecular Chemistry and Physics, 2018, 219, 1800269.	2.2	4
22	Metal-Containing Polymers and Metallopolymers: A Special Issue Dedicated to Prof. George R. Newkome. Macromolecular Rapid Communications, 2018, 39, 1800664.	3.9	0
23	â€œGreenâ€•ethers as solvent alternatives for anionic ring-opening polymerizations of ethylene oxide (EO): In-situ kinetic and advanced characterization studies. Polymer, 2018, 159, 86-94.	3.8	10
24	Pharmapolymers in the 21st century: Synthetic polymers in drug delivery applications. Progress in Polymer Science, 2018, 87, 107-164.	24.7	177
25	Dual pH and ultrasound responsive nanoparticles with pH triggered surface charge-conversional properties. Polymer Chemistry, 2017, 8, 1328-1340.	3.9	38
26	Site-Specific POxylation of Interleukin-4. ACS Biomaterials Science and Engineering, 2017, 3, 304-312.	5.2	40
27	Uptake of Retinoic Acidâ€Modified PMMA Nanoparticles in LXâ€2 and Liver Tissue by Raman Imaging and Intravital Microscopy. Macromolecular Bioscience, 2017, 17, 1700064.	4.1	12
28	Polymersomes with Endosomal pH-Induced Vesicle-to-Micelle Morphology Transition and a Potential Application for Controlled Doxorubicin Delivery. Biomacromolecules, 2017, 18, 3280-3290.	5.4	28
29	Retinol initiated poly(lactide)s: stability upon polymerization and nanoparticle preparation. Polymer Chemistry, 2017, 8, 4378-4387.	3.9	16
30	Dual Responsive Nanoparticles from a RAFT Copolymer Library for the Controlled Delivery of Doxorubicin. Macromolecules, 2016, 49, 3856-3868.	4.8	28
31	Safety and regulatory review of dyes commonly used as excipients in pharmaceutical and nutraceutical applications. European Journal of Pharmaceutical Sciences, 2016, 93, 264-273.	4.0	63
32	Thermodynamic compatibility of actives encapsulated into PEGâ€PLA nanoparticles: <i>In Silic</i>o predictions and experimental verification. Journal of Computational Chemistry, 2016, 37, 2220-2227.	3.3	12
33	Synthesis and characterization of colored EUDRAGIT^{Â®} as enteric coating material. Journal of Polymer Science Part A, 2016, 54, 2386-2393.	2.3	3
34	Cellular uptake of PLA nanoparticles studied by light and electron microscopy: synthesis, characterization and biocompatibility studies using an iridium(<scp>iii</scp>) complex as correlative label. Chemical Communications, 2016, 52, 4361-4364.	4.1	13
35	A Pandora's Box of New Materialsâ€"Metallopolymers. Macromolecular Rapid Communications, 2015, 36, 585-585.	3.9	12
36	RAFT made methacrylate copolymers for reversible pHâ€responsive nanoparticles. Journal of Polymer Science Part A, 2015, 53, 2711-2721.	2.3	21

#	Article	IF	Citations
37	Stabilization of factor VIII by poly(2â€oxazoline) hydrogels. Journal of Polymer Science Part A, 2015, 53, 10-14.	2.3	17
38	Multifunctional poly(methacrylate) polyplex libraries: A platform for gene delivery inspired by nature. Journal of Controlled Release, 2015, 209, 1-11.	9.9	19
39	The influence of polymer architecture on in vitro pDNA transfection. Journal of Materials Chemistry B, 2015, 3, 7477-7493.	5.8	66
40	Dextran-graft-linear poly(ethylene imine)s for gene delivery: Importance of the linking strategy. Carbohydrate Polymers, 2014, 113, 597-606.	10.2	29
41	Novel Insights Into Appropriate Encapsulation Methods for Bioactive Compounds Into Polymers: A Study With Peptides and HDAC Inhibitors. Macromolecular Bioscience, 2014, 14, 69-80.	4.1	10
42	Toward pH-Responsive Coating Materialsâ€"High-Throughput Study of (Meth)acrylic Copolymers. ACS Combinatorial Science, 2014, 16, 386-392.	3.8	6
43	Star-Shaped Drug Carriers for Doxorubicin with POEGMA and POEtOxMA Brush-like Shells: A Structural, Physical, and Biological Comparison. Biomacromolecules, 2013, 14, 2536-2548.	5.4	40
44	Parallel High-Throughput Screening of Polymer Vectors for Nonviral Gene Delivery: Evaluation of Structureâ€"Property Relationships of Transfection. ACS Combinatorial Science, 2013, 15, 475-482.	3.8	31
45	A toolbox of differently sized and labeled PMMA nanoparticles for cellular uptake investigations. Soft Matter, 2013, 9, 99-108.	2.7	46
46	Resonance Raman Spectral Imaging of Intracellular Uptake of Î²â€Carotene Loaded Poly(D,<scp>L</scp>â€lactideâ€<i>co</i>â€glycolide) Nanoparticles. ChemPhysChem, 2013, 14, 155-161.	2.1	19
47	Fluorescence imaging of cancer tissue based on metal-free polymeric nanoparticles â€" a review. Journal of Materials Chemistry B, 2013, 1, 1994.	5.8	92
48	Polyelectrolyte Complexes of DNA and Linear PEI: Formation, Composition and Properties. Langmuir, 2012, 28, 16167-16176.	3.5	67
49	Preparation, Cellular Internalization, and Biocompatibility of Highly Fluorescent PMMA Nanoparticles. Macromolecular Rapid Communications, 2012, 33, 1791-1797.	3.9	34
50	Nanoprecipitation of poly(methyl methacrylate)â€based nanoparticles: Effect of the molar mass and polymer behavior. Journal of Polymer Science Part A, 2012, 50, 2906-2913.	2.3	33
51	Macromolecules Containing Metal Ions. Macromolecular Rapid Communications, 2012, 33, 447-447.	3.9	3
52	Branched and linear poly(ethylene imine)-based conjugates: synthetic modification, characterization, and application. Chemical Society Reviews, 2012, 41, 4755.	38.1	268
53	Acid-Degradable Cationic Dextran Particles for the Delivery of siRNA Therapeutics. Bioconjugate Chemistry, 2011, 22, 1056-1065.	3.6	142
54	Nanoprecipitation and nanoformulation of polymers: from history to powerful possibilities beyond poly(lactic acid). Soft Matter, 2011, 7, 1581-1588.	2.7	320

#	Article	IF	Citations
55	Examination and optimization of the self-assembly of biocompatible, polymeric nanoparticles by high-throughput nanoprecipitation. Soft Matter, 2011, 7, 5030.	2.7	31
56	Linear Polyethyleneimine: Optimized Synthesis and Characterization â€“ On the Way to â€œPharmagradeâ€• Batches. Macromolecular Chemistry and Physics, 2011, 212, 1918-1924.	2.2	44
57	Complexation of Terpyridineâ€Containing Dextrans: Toward Waterâ€Soluble Supramolecular Structures. Macromolecular Rapid Communications, 2010, 31, 921-927.	3.9	10
58	Multifunctional Poly(2â€oxazoline) Nanoparticles for Biological Applications. Macromolecular Rapid Communications, 2010, 31, 1869-1873.	3.9	67
59	Labeled Nanoparticles Based on Pharmaceutical EUDRAGITÂ® S 100 Polymers. Macromolecular Rapid Communications, 2010, 31, 2053-2058.	3.9	13
60	Characterization of poly(methyl methacrylate) nanoparticles prepared by nanoprecipitation using analytical ultracentrifugation, dynamic light scattering, and scanning electron microscopy. Journal of Polymer Science Part A, 2010, 48, 3924-3931.	2.3	54
61	Preparation and characterization of nanoparticles based on dextranâ€“drug conjugates. Journal of Colloid and Interface Science, 2009, 338, 56-62.	9.4	98
62	Synthetic polymeric nanoparticles by nanoprecipitation. Journal of Materials Chemistry, 2009, 19, 3838.	6.7	197
63	Evaluation of fluorescent polysaccharide nanoparticles for pH-sensing. Organic and Biomolecular Chemistry, 2009, 7, 1884.	2.8	41
64	Clicking Pentafluorostyrene Copolymers: Synthesis, Nanoprecipitation, and Glycosylation. Macromolecules, 2009, 42, 2387-2394.	4.8	208
65	Determination of the Surface Coverage of Adsorbed Dextran and Î²-Cyclodextrin Derivatives on Gold by Surface Titration. Langmuir, 2009, 25, 4845-4847.	3.5	2
66	Fluorescent Polysaccharide Nanoparticles for pH-Sensing. Journal of Photopolymer Science and Technology = [Fotoporima Konwakai Shi], 2009, 22, 671-673.	0.3	8
67	Efficient Approach To Design Stable Water-Dispersible Nanoparticles of Hydrophobic Cellulose Esters. Biomacromolecules, 2008, 9, 1487-1492.	5.4	132
68	Biocompatible fluorescent nanoparticles for pH-sensoring. Soft Matter, 2008, 4, 1169.	2.7	87
69	Structure Design of Multifunctional Furoate and Pyroglutamate Esters of Dextran by Polymer-Analogous Reactions. Macromolecular Bioscience, 2007, 7, 297-306.	4.1	24
70	Nanoscale structures of dextran esters. Carbohydrate Polymers, 2007, 68, 280-286.	10.2	56
71	Reactive polymeric nanoparticles based on unconventional dextran derivatives. European Polymer Journal, 2007, 43, 697-703.	5.4	26
72	Synthesis and Characterization of Sulfur Containing Dextran- and Î²-Cyclodextrin Derivatives. Polymer Bulletin, 2007, 59, 65-71.	3.3	5

#	Article	IF	Citations
73	Functional Polymers Based on Dextran. , 2006, , 199-291.		205
74	Microscopic Visualization of Nanostructures of Cellulose Derivatives. Macromolecular Symposia, 2005, 223, 253-266.	0.7	8
75	Novel Nanoparticles Based on Dextran Esters with Unsaturated Moieties. Macromolecular Rapid Communications, 2005, 26, 1908-1912.	3.9	32
76	Nanoparticles on the Basis of Highly Functionalized Dextrans. Journal of the American Chemical Society, 2005, 127, 10484-10485.	13.7	91
77	Poly(2-oxazoline) Homopolymers and Diblock Copolymers Containing Retinoate Ï‰-End Groups. ACS Applied Polymer Materials, 0, , .	4.4	4