

Delphine Chan-Seng

List of Publications by Year in descending order

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40
papers

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citations

516215

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docs citations

43
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1282
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid Nanoparticles with Hyperbranched Polymer Shells via Self-Condensing Atom Transfer Radical Polymerization from Silica Surfaces. <i>Langmuir</i> , 2002, 18, 3682-3693.	1.6	173
2	Synthesis and Characterization of Branched Polyelectrolytes. 1. Preparation of Hyperbranched Poly(acrylic acid) via Self-Condensing Atom Transfer Radical Copolymerization. <i>Macromolecules</i> , 2002, 35, 9270-9281.	2.2	138
3	Synthesis of Molecularly Encoded Oligomers Using a Chemoselective α AB + CD Iterative Approach. <i>Macromolecular Rapid Communications</i> , 2014, 35, 141-145.	2.0	105
4	Synthesis and functionalization of hyperbranched polymers for targeted drug delivery. <i>Journal of Controlled Release</i> , 2020, 321, 285-311.	4.8	83
5	Influence of Strong Electron-Donor Monomers in Sequence-Controlled Polymerizations. <i>ACS Macro Letters</i> , 2012, 1, 589-592.	2.3	66
6	Polymer Chain Encoding: Synthesis of Highly Complex Monomer Sequence Patterns by Using Automated Protocols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12254-12257.	7.2	66
7	Microstructure Control: An Underestimated Parameter in Recent Polymer Design. <i>Macromolecular Chemistry and Physics</i> , 2013, 214, 135-142.	1.1	58
8	Reconfiguring polylysine architectures for controlling polyplex binding and non-viral transfection. <i>Biomaterials</i> , 2011, 32, 2432-2444.	5.7	50
9	Preparation of Information-Containing Macromolecules by Ligation of Dyad-Encoded Oligomers. <i>Chemistry - A European Journal</i> , 2015, 21, 11961-11965.	1.7	50
10	Polyester-graft-phosphorylcholine prepared by ring-opening polymerization and click chemistry. <i>Chemical Communications</i> , 2009, , 815-817.	2.2	37
11	Verdazyl-Mediated Living-Radical Polymerization of Styrene and <i>n</i> -Butyl Acrylate. <i>Macromolecules</i> , 2007, 40, 8609-8616.	2.2	35
12	Controlled Synthesis of NaYF ₄ :Yb,Er Upconversion Nanocrystals as Potential Probe for Bioimaging: A Focus on Heat Treatment. <i>ACS Applied Nano Materials</i> , 2021, 4, 5319-5329.	2.4	25
13	Interleukin-27 Gene Delivery for Modifying Malignant Interactions Between Prostate Tumor and Bone. <i>Human Gene Therapy</i> , 2013, 24, 970-981.	1.4	22
14	Polymer Peptide Delivery Platforms: Effect of Oligopeptide Orientation on Polymer-Based DNA Delivery. <i>Biomacromolecules</i> , 2014, 15, 1328-1336.	2.6	22
15	Primary Structure Control of Oligomers Based on Natural and Synthetic Building Blocks. <i>ACS Macro Letters</i> , 2014, 3, 291-294.	2.3	20
16	Synthesis and Evaluation of Sterically Hindered 1,1-Diadamantyl Nitroxide as a Low-Temperature Mediator for the Stable Free Radical Polymerization Process. <i>Macromolecules</i> , 2007, 40, 6224-6232.	2.2	17
17	Dispersing Zwitterions into Comb Polymers for Nonviral Transfection: Experiments and Molecular Simulation. <i>Biomacromolecules</i> , 2016, 17, 546-557.	2.6	16
18	Living radical emulsion polymerization using the nanoprecipitation technique: An extension to atom transfer radical polymerization. <i>Journal of Polymer Science Part A</i> , 2006, 44, 4027-4038.	2.5	15

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19	Ligand-Mediated Targeting of Cytokine Interleukin-27 Enhances Its Bioactivity In Vivo. <i>Molecular Therapy - Methods and Clinical Development</i> , 2020, 17, 739-751.	1.8	13
20	Examination of zwitterionic polymers and gels subjected to mechanical constraints. <i>Polymer</i> , 2013, 54, 2887-2894.	1.8	12
21	Block copolymer preparation by atom transfer radical polymerization under emulsion conditions using a nanoprecipitation technique. <i>Journal of Polymer Science Part A</i> , 2008, 46, 625-635.	2.5	11
22	Debromination of ATRP-made Wang soluble polymer supports. <i>Polymer</i> , 2015, 72, 341-347.	1.8	9
23	Adsorption of phenylalanine-rich sequence-defined oligomers onto Kevlar fibers for fiber-reinforced polyolefin composite materials. <i>Polymer</i> , 2021, 217, 123465.	1.8	9
24	Verdazyl-Mediated Polymerization of Styrene. <i>Macromolecular Symposia</i> , 2007, 248, 117-125.	0.4	7
25	Aliphatic polyester terpolymers for stent coating and drug elution: Effect of polymer composition on drug solubility and release. <i>Drug Delivery</i> , 2009, 16, 304-311.	2.5	7
26	Solid-Phase Synthesis as a Tool for the Preparation of Sequence-Defined Oligomers Based on Natural Amino Acids and Synthetic Building Blocks. <i>ACS Symposium Series</i> , 2014, , 103-116.	0.5	7
27	Unexpected aqueous UCST behavior of a cationic comb polymer with pentaarginine side chains. <i>European Polymer Journal</i> , 2020, 125, 109528.	2.6	7
28	Reengineering Tumor Microenvironment with Sequential Interleukin Delivery. <i>Bioengineering</i> , 2021, 8, 90.	1.6	7
29	Sonodelivery Facilitates Sustained Luciferase Expression from an Episomal Vector in Skeletal Muscle. <i>Materials</i> , 2015, 8, 4608-4617.	1.3	6
30	Production of lipophilic nanogels by spontaneous emulsification. <i>International Journal of Pharmaceutics</i> , 2020, 585, 119481.	2.6	6
31	Investigating the growth of hyperbranched polymers by self-condensing vinyl RAFT copolymerization from the surface of upconversion nanoparticles. <i>Polymer Chemistry</i> , 2020, 11, 4313-4325.	1.9	6
32	Production of Janus/Hecate microfibers by microfluidic photopolymerization and evaluation of their potential in dye removal. <i>Chemical Communications</i> , 2022, 58, 4619-4622.	2.2	6
33	Orthogonal Synthesis of Xeno Nucleic Acids. <i>Chemistry - A European Journal</i> , 2016, 22, 17945-17948.	1.7	5
34	Stable free radical polymerization of n-butyl acrylate in the presence of high-temperature initiators. <i>European Polymer Journal</i> , 2009, 45, 211-216.	2.6	4
35	Synthesis of Macromolecules Containing Phenylalanine and Aliphatic Building Blocks. <i>Macromolecular Rapid Communications</i> , 2018, 39, e1700764.	2.0	4
36	Microfluidic elaboration of polymer microfibers from miscible phases: Effect of operating and material parameters on fiber diameter. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2022, 132, 104215.	2.7	4

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37	Tuning polymers grafted on upconversion nanoparticles for the delivery of 5-fluorouracil. European Polymer Journal, 2020, 137, 109935.	2.6	3
38	Insertion of hydrophobic spacers on dodecalysines as potential transfection enhancers. European Polymer Journal, 2021, 157, 110654.	2.6	2
39	Microfluidic Janus fibers with dual thermoresponsive behavior for thermoactuation. European Polymer Journal, 2022, 174, 111321.	2.6	1
40	Verdazyl-Mediated Polymerization of Styrene. , 0, , 117-125.		0