Thierry Hamaide

List of Publications by Year
in descending order

50	1,005	331670	434195
papers	citations	21 h-index	31 g-index

51	51	51	1160
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Syntheses of Wellâ€Defined Glycoâ€Polyorganosiloxanes by â€œClickâ€•Chemistry and their Surfactant Properties. Macromolecular Chemistry and Physics, 2008, 209, 1282-1290.	2.2	68
2	Kinetic study of copper(I)â€catalyzed click chemistry stepâ€growth polymerization. Journal of Polymer Science Part A, 2008, 46, 5506-5517.	2.3	59
3	Anionic coordinated polymerization ofÉ›-caprolactone with aluminium, zirconium and some rare earths alkoxides as initiators in the presence of alcohols. Macromolecular Chemistry and Physics, 1999, 200, 1771-1778.	2.2	55
4	Synthesis and Characterization of Water Soluble Saccharide Functionalized Polysiloxanes and Their Use as Polymer Surfactants for the Stabilization of Polycaprolactone Nanoparticles. Macromolecular Chemistry and Physics, 2005, 206, 1757-1768.	2.2	54
5	Siloxane surfactants in polymer nanoparticles formulation. Applied Organometallic Chemistry, 2006, 20, 235-245.	3.5	45
6	Block copolymers of the type poly(caprolactone)-b-poly(ethylene oxide) for the preparation and stabilization of nanoemulsions. International Journal of Pharmaceutics, 2008, 362, 153-162.	5.2	42
7	Homogeneous and Heterogeneous Polymerization ofÉ›-Caprolactone by Neodymium Alkoxides Prepared In Situ. Macromolecular Chemistry and Physics, 2001, 202, 1156-1160.	2.2	41
8	Functionalized random copolymers from versatile oneâ€pot click chemistry/ATRP tandems approaches. Journal of Polymer Science Part A, 2009, 47, 3803-3813.	2.3	37
9	Synthesis of thermosensitive guarâ€based hydrogels with tunable physicoâ€chemical properties by click chemistry. Journal of Polymer Science Part A, 2010, 48, 2733-2742.	2.3	36
10	End-functionalized poly(Ïµ-caprolactone) oligomers through heterogeneous catalysis in protic conditions: a mechanistic approach. Polymer, 1997, 38, 5667-5676.	3.8	34
11	Encapsulation of High Biocompatible Hydrophobe Contents in Nonionic Nanoparticles by Miniemulsion Polymerization of Vinyl Acetate or Styrene: Influence of the Hydrophobe Component on the Polymerization. Macromolecular Chemistry and Physics, 2005, 206, 2284-2291.	2.2	33
12	Tailoring of Bioresorbable Polymers for Elaboration of Sugar-Functionalized Nanoparticles. Biomacromolecules, 2004, 5, 922-927.	5.4	32
13	Synthesis of Temperature Responsive Biohybrid Guar-Based Grafted Copolymers by Click Chemistry. Macromolecules, 2010, 43, 6843-6852.	4.8	31
14	Polymer electrolytes. Polymer Bulletin, 1985, 14, 233-237.	3.3	27
15	Modified poly(?-caprolactone)s and their use for drug-encapsulating nanoparticles. Journal of Polymer Science Part A, 2004, 42, 689-700.	2.3	27
16	Functionalized poly(É›-caprolactone) and copolymers with ethylene oxide through heterogeneous anionic coordinated polymerization. NMR characterization and crystallinity. Macromolecular Chemistry and Physics, 1996, 197, 1311-1324.	2.2	25
17	Influence of the chemical structure of transfer agents in coordinated anionic ring-opening polymerization: application to one-step functional oligomerization ofÉ›-caprolactone. Polymer International, 2004, 53, 506-514.	3.1	24
18	Synthesis of New Cellobioseâ€Based Glycopolysiloxanes and their Use as Polymer Stabilizers in Miniemulsion Polymerisation. Macromolecular Chemistry and Physics, 2008, 209, 1814-1825.	2.2	24

#	Article	IF	Citations
19	Polydimethylsiloxane-modified chitosan I. Synthesis and structural characterisation of graft and crosslinked copolymers. Journal of Polymer Research, 2009, 16, 73-80.	2.4	23
20	One-Pot Synthesis of Hybrid Multifunctional Silica Nanoparticles with Tunable Coating by Click Chemistry in Reverse W/O Microemulsion. Langmuir, 2012, 28, 209-218.	3.5	23
21	Toward tunable amphiphilic copolymers via CuAAC click chemistry of oligocaprolactones onto starch backbone. Carbohydrate Polymers, 2013, 96, 259-269.	10.2	23
22	Heterogeneous catalytic ring opening polymerization of 2,2-dimethyltrimethylene carbonate with metal alkoxides as initiators in protic conditions. Macromolecular Chemistry and Physics, 1999, 200, 2525-2532.	2.2	19
23	Association states of multisensitive smart polysaccharideâ€“block-polyetheramine copolymers. Carbohydrate Polymers, 2013, 95, 41-49.	10.2	19
24	Solid polymer electrolytes with stable electrochemical properties. British Polymer Journal, 1988, 20, 269-274.	0.7	18
25	Anionic ring opening polymerization of oxygenated heterocycles with supported Zirconium and rare earths alkoxides as initiators in protic conditions. Towards a catalytic heterogeneous process. Macromolecular Symposia, 2000, 153, 275-286.	0.7	18
26	New amphiphilic glycopolymers by click functionalization of random copolymers â€“ application to the colloidal stabilisation of polymer nanoparticles and their interaction with concanavalin A lectin. Beilstein Journal of Organic Chemistry, 2010, 6, 58.	2.2	18
27	Ring-Opening Polymerisation ofÎµ-Caprolactone with Monosaccharides as Transfer Agents. A Novel Route to Functionalised Nanoparticles. Macromolecular Rapid Communications, 2001, 22, 659-663.	3.9	17
28	Synthesis of oligocaprolactone vinyl ether macromonomers and their use for indomethacin encapsulation in polymer nanoparticles based on polycaprolactone macromonomer-maleic anhydride-N-vinyl pyrrolidone terpolymers. Polymer International, 2006, 55, 222-228.	3.1	17
29	On the feasibility of chemical reactions in the presence of siloxane-based surfactants. Colloid and Polymer Science, 2009, 287, 461-470.	2.1	17
30	Itaconic anhydride based amphiphilic copolymers: Synthesis, characterization and stabilization of carboxyl functionalized, PEGylated nanoparticles. European Polymer Journal, 2007, 43, 4843-4851.	5.4	14
31	New Amphiphilic Glycopolymers Based on a Polycaprolactoneâ€maleic anhydride Copolymer Backbone: Characterization by ¹⁵N NMR and Application to Colloidal Stabilization of Nanoparticles. Macromolecular Chemistry and Physics, 2008, 209, 2410-2422.	2.2	12
32	Miniemulsion Polymerizations Using Static Mixers: Towards High Biocompatible Hydrophobe Contents. Macromolecular Chemistry and Physics, 2010, 211, 2331-2338.	2.2	10
33	Kinetic study of the heterogeneous anionic coordinated polymerization of ethylene oxide. Macromolecular Chemistry and Physics, 1996, 197, 2577-2594.	2.2	9
34	Grafting 1,2-polybutadiene onto porous silica. Polymer, 1993, 34, 3048-3051.	3.8	7
35	Heterogeneous anionic ring opening polymerization in a fixed-bed reactor: description of the process and modelling. Polymer International, 2004, 53, 550-556.	3.1	7
36	Aluminium and rare earths alkoxides as initiators for the heterogeneous anionic coordinated polymerisation of propylene oxide. A1H NMR approach of the regioselectivity and transfer ability of the catalytic system. Macromolecular Chemistry and Physics, 2000, 201, 12-20.	2.2	6

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37	Study of dioxolane-dioxepane copolymers through IR and DSC. Polymer Bulletin, 2004, 52, 349-354.	3.3	6
38	Evolution of the water-monomer dynamic interfacial properties during methyl methacrylate radical polymerization in a single monomer droplet: dependence on the chemical structure of the surfactant. Polymer International, 2013, 62, n/a-n/a.	3.1	5
39	Bulk functional oligomerization of Îµ-caprolactone in a mini extruder. Polymer Bulletin, 2002, 48, 173-181.	3.3	4
40	Improvement of the Mechanical Properties of Calcium Phosphate Bone Substitutes by Polycaprolactone Infiltration. Key Engineering Materials, 2008, 361-363, 403-406.	0.4	3
41	Teaching Polymer Chemistry: Revisiting the Syllabus. Open Journal of Polymer Chemistry, 2012, 02, 132-143.	3.3	3
42	On the linearization of the free-volume laws in the solid polymer electrolytes field. European Polymer Journal, 1994, 30, 961-965.	5.4	2
43	5607890 Supported Lewis acid catalysts derived from superacids useful for hydrocarbon conversion reactions. Journal of Molecular Catalysis A, 1997, 125, 153-154.	4.8	2
44	Reactive surfactants in heterophase polymerization. XVI. Emulsion copolymerization of styreneâ€“butyl acrylateâ€“acrylic acid in the presence of simple maleate reactive surfactants. Journal of Applied Polymer Science, 2000, 77, 2768-2776.	2.6	2
45	Cellulose-Based Composites for Membranes by â€œIn Situâ€•Radical Polymerization. Molecular Crystals and Liquid Crystals, 2008, 484, 71/[437]-85/[451].	0.9	1
46	Novel polymeric surfactants and their applications in miniemulsions. E-Polymers, 2008, 8, .	3.0	1
47	Pullulan-Based Polymer Surfactants for Vinyl Acetate Miniemulsion Polymerization: Kinetics and Colloidal Stability Investigations. Macromolecular Chemistry and Physics, 2015, 216, 1879-1887.	2.2	1
48	Improvement of the Mechanical Properties of Calcium Phosphate Bone Substitutes by Polycaprolactone Infiltration. Key Engineering Materials, 0, , 403-406.	0.4	1
49	Teaching Sustainable Development. , 2014, , 357-361.		0
50	Bioapplication Oriented Polymers. Micro- and Nanoparticles for Drug Delivery Systems. Advances in Experimental Medicine and Biology, 2004, 553, 69-82.	1.6	0