

Benedicte Lepoittevin

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3453662/publications.pdf>

Version: 2024-02-01

38
papers

2,406
citations

304602

22
h-index

330025

37
g-index

39
all docs

39
docs citations

39
times ranked

2408
citing authors

#	ARTICLE	IF	CITATIONS
1	CNSL, a Promising Building Blocks for Sustainable Molecular Design of Surfactants: A Critical Review. <i>Molecules</i> , 2022, 27, 1443.	1.7	21
2	The synthesis and characterization of giant Calixarenes. <i>Nature Communications</i> , 2019, 10, 113.	5.8	43
3	Hydrophobization of chitosan films by surface grafting with fluorinated polymer brushes. <i>Carbohydrate Polymers</i> , 2019, 205, 437-446.	5.1	27
4	Synthesis, characterization and catalytic properties of salen-containing polymers obtained by atom transfer radical polymerization. <i>Polymer</i> , 2018, 135, 261-270.	1.8	11
5	Surface initiated supplemental activator and reducing agent atom transfer radical polymerization (SI-SARA-ATRP) of 4-vinylpyridine on poly(ethylene terephthalate). <i>Journal of Colloid and Interface Science</i> , 2017, 500, 69-78.	5.0	18
6	Hydrophilic PET surfaces by aminolysis and glycopolymer brushes chemistry. <i>Journal of Polymer Science Part A</i> , 2016, 54, 2689-2697.	2.5	22
7	Antibacterial surfaces obtained through dopamine and fluorination functionalizations. <i>Progress in Organic Coatings</i> , 2015, 82, 17-25.	1.9	29
8	Antibacterial poly(ethylene terephthalate) surfaces obtained from thymyl methacrylate polymerization. <i>Journal of Polymer Science Part A</i> , 2015, 53, 1975-1985.	2.5	20
9	First Examples of Hybrids Based on Graphene and a Ring-Shaped Macrocyclic Polyoxometalate: Synthesis, Characterization, and Properties. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1882-1889.	1.0	12
10	Adsorption of Alkanethiols on Gold Surfaces: PM-IRRAS Study of the Influence of Terminal Functionality on Alkyl Chain Orientation. <i>Journal of Adhesion</i> , 2013, 89, 416-432.	1.8	12
11	Poly(ionic liquid) and macrocyclic polyoxometalate ionic self-assemblies: new water-insoluble and visible light photosensitive catalysts. <i>Journal of Materials Chemistry</i> , 2012, 22, 319-323.	6.7	44
12	Introduction of Primary Amino Groups on Poly(ethylene terephthalate) Surfaces by Ammonia and a Mix of Nitrogen and Hydrogen Plasma. <i>Plasma Chemistry and Plasma Processing</i> , 2012, 32, 305-323.	1.1	22
13	Radical polymerization and preliminary microbiological investigation of new polymer derived from myrtenol. <i>European Polymer Journal</i> , 2011, 47, 1842-1851.	2.6	14
14	Easy access to amphiphilic glycosylated-functionalized polystyrenes. <i>Carbohydrate Polymers</i> , 2011, 83, 1174-1179.	5.1	9
15	Facile synthesis and promising antibacterial properties of a new guaiacol-based polymer. <i>Polymer</i> , 2011, 52, 1908-1916.	1.8	48
16	Surface characterizations of poly(ethylene terephthalate) film modified by a carbohydrate-bearing photoreactive azide group. <i>European Polymer Journal</i> , 2010, 46, 1594-1603.	2.6	19
17	Atom transfer radical polymerization of styrene from different poly(ethylene terephthalate) surfaces: Films, fibers and fabrics. <i>European Polymer Journal</i> , 2009, 45, 246-255.	2.6	38
18	Polystyrene-b-Poly(tert-butyl acrylate) and Polystyrene-b-Poly(acrylic acid) Dendrimer-Like Copolymers: A Two-Dimensional Self-Assembly at the Air-Water Interface. <i>Langmuir</i> , 2007, 23, 2531-2538.	1.6	39

#	ARTICLE	IF	CITATIONS
19	Double Plasma Treatment-Induced Graft Polymerization of Carbohydrated Monomers on Poly(ethylene) Tj ETQq1 1,0,784314,rgBT /Ome	1.6	34
20	Chemical surface modification of poly(ethylene terephthalate) fibers by aminolysis and grafting of carbohydrates. Journal of Polymer Science Part A, 2007, 45, 2172-2183.	2.5	133
21	Synthesis and characterization of glycosylated nano particles. E-Polymers, 2006, 6, .	1.3	2
22	Controlled polymerizations as tools for the design of star-like and dendrimer-like polymers. Polymer International, 2006, 55, 1138-1145.	1.6	58
23	Synthesis of Dendrimer-Like Polystyrene by Atom Transfer Radical Polymerization and Investigation of Their Viscosity Behavior. Macromolecules, 2005, 38, 3120-3128.	2.2	92
24	Synthesis and Investigation of Surface Properties of Dendrimer-like Copolymers Based on Polystyrene and Poly(tert-butylacrylate). Macromolecules, 2005, 38, 5459-5467.	2.2	57
25	Polymer/layered silicate nanocomposites by combined intercalative polymerization and melt intercalation: a masterbatch process. Polymer, 2003, 44, 2033-2040.	1.8	163
26	Vapor barrier properties of polycaprolactone montmorillonite nanocomposites: effect of clay dispersion. Polymer, 2003, 44, 2271-2279.	1.8	307
27	Layered silicate/polyester nanohybrids by controlled ring-opening polymerization. Macromolecular Symposia, 2002, 183, 95-102.	0.4	17
28	Poly(μ -caprolactone)/Clay Nanocomposites by in-Situ Intercalative Polymerization Catalyzed by Dibutyltin Dimethoxide. Macromolecules, 2002, 35, 8385-8390.	2.2	208
29	Toward an Easy Access to Asymmetric Stars and Miktoarm Stars by Atom Transfer Radical Polymerization. Macromolecules, 2002, 35, 9001-9008.	2.2	108
30	Polyester layered silicate nanohybrids by controlled grafting polymerization. Journal of Materials Chemistry, 2002, 12, 3528-3532.	6.7	80
31	Synthesis of high-molecular-weight cyclic and multicyclic polystyrenes. Polymers for Advanced Technologies, 2002, 13, 771-776.	1.6	9
32	Biodegradable polyester layered silicate nanocomposites based on poly(μ -caprolactone). Polymer Engineering and Science, 2002, 42, 1928-1937.	1.5	77
33	Poly(μ -caprolactone)/clay nanocomposites prepared by melt intercalation: mechanical, thermal and rheological properties. Polymer, 2002, 43, 4017-4023.	1.8	398
34	Synthesis of cyclic and multicyclic polyisoprenes. European Polymer Journal, 2002, 38, 243-250.	2.6	8
35	New Route to Synthesis of Cyclic Polystyrenes Using Controlled Free Radical Polymerization. Macromolecules, 2001, 34, 425-429.	2.2	74
36	Synthesis of multicyclic and grafted polystyrenes. Journal of Polymer Science Part A, 2001, 39, 2723-2730.	2.5	8

#	ARTICLE	IF	CITATIONS
37	Synthesis and Characterization of Ring-Shaped Polystyrenes. <i>Macromolecules</i> , 2000, 33, 8218-8224.	2.2	84
38	Poly(ethylene terephthalate). , 0, , 97-126.		41