Emmanuel Ibarboure

List of Publications by Year
in descending order

60 papers	2,431 citations	236612 25 h-index	205818 48 g-index
61 all docs	61 docs citations	61 times ranked	4045 citing authors

#	Article	IF	Citations
1	Hybrid polymer/lipid vesicles: Influence of polymer architecture and molar mass on line tension. Biophysical Journal, 2022, 121, 61-67.	0.2	3
2	Membrane reinforcement in giant hybrid polymer lipid vesicles achieved by controlling the polymer architecture. Soft Matter, 2021, 17, 83-89.	1.2	11
3	Aqueous ROPISA of Î±-amino acid N-carboxyanhydrides: polypeptide block secondary structure controls nanoparticle shape anisotropy. Polymer Chemistry, 2021, 12, 6242-6251.	1.9	27
4	Spatiotemporal Dynamic Assembly/Disassembly of Organelleâ€Mimics Based on Intrinsically Disordered Proteinâ€Polymer Conjugates. Advanced Science, 2021, 8, e2102508.	5.6	21
5	Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides. Angewandte Chemie - International Edition, 2020, 59, 622-626.	7.2	129
6	Low-temperature amino-based catalyst activation for on-demand polyurethane synthesis. Polymer Journal, 2020, 52, 45-49.	1.3	1
7	Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides. Angewandte Chemie, 2020, 132, 632-636.	1.6	26
8	Titelbild: Aqueous Ringâ€Opening Polymerizationâ€Induced Selfâ€Assembly (ROPISA) of Nâ€Carboxyanhydrides (Angew. Chem. 2/2020). Angewandte Chemie, 2020, 132, 517-517.	1.6	0
9	Switchable Lipid Provides pH-Sensitive Properties to Lipid and Hybrid Polymer/Lipid Membranes. Polymers, 2020, 12, 637.	2.0	15
10	Obtention of Giant Unilamellar Hybrid Vesicles by Electroformation and Measurement of their Mechanical Properties by Micropipette Aspiration. Journal of Visualized Experiments, 2020, , .	0.2	5
11	Polypeptide Nanoparticles Obtained from Emulsion Polymerization of Amino Acid N-Carboxyanhydrides. Journal of the American Chemical Society, 2019, 141, 12522-12526.	6.6	50
12	Large and Giant Unilamellar Vesicle(s) Obtained by Self-Assembly of Poly(dimethylsiloxane)-b-poly(ethylene oxide) Diblock Copolymers, Membrane Properties and Preliminary Investigation of Their Ability to Form Hybrid Polymer/Lipid Vesicles. Polymers, 2019, 11, 2013.	2.0	27
13	Anionic polymerization of activated oxetane and its copolymerization with ethylene oxide for the synthesis of amphiphilic block copolymers. Polymer Chemistry, 2018, 9, 2660-2668.	1.9	7
14	Synthesis of polyamide 6 with aramid units by combination of anionic ring-opening and condensation reactions. European Polymer Journal, 2018, 102, 231-237.	2.6	11
15	Asymmetric Hybrid Polymerâ€“Lipid Giant Vesicles as Cell Membrane Mimics. Advanced Science, 2018, 5, 1700453.	5.6	45
16	Main-chain poly(fullerene) multiblock copolymers as organic photovoltaic donorâ€“acceptors and stabilizers. Journal of Materials Chemistry A, 2017, 5, 7533-7544.	5.2	12
17	Modulation of phase separation at the micron scale and nanoscale in giant polymer/lipid hybrid unilamellar vesicles (GHUVs). Soft Matter, 2017, 13, 627-637.	1.2	57
18	Polymersome Popping by Lightâ€Induced Osmotic Shock under Temporal, Spatial, and Spectral Control. Angewandte Chemie, 2017, 129, 1588-1592.	1.6	18

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19	Polymersome Popping by Lightâ€Induced Osmotic Shock under Temporal, Spatial, and Spectral Control. Angewandte Chemie - International Edition, 2017, 56, 1566-1570.	7.2	71
20	Monocorevs.multicore magnetic iron oxide nanoparticles: uptake by glioblastoma cells and efficiency for magnetic hyperthermia. Molecular Systems Design and Engineering, 2017, 2, 629-639.	1.7	54
21	Liposomes in Polymersomes: Multicompartment System with Temperature-Triggered Release. Langmuir, 2017, 33, 7079-7085.	1.6	47
22	Insights into <scp>C</scp>arbopol gel formulations: Microscopy analysis of the microstructure and the influence of polyol additives. Journal of Applied Polymer Science, 2015, 132, .	1.3	18
23	Fullerene-capped copolymers for bulk heterojunctions: device stability and efficiency improvements. Journal of Materials Chemistry A, 2015, 3, 18207-18221.	5.2	26
24	Nano-Encapsulation of Plitidepsin: In Vivo Pharmacokinetics, Biodistribution, and Efficacy in a Renal Xenograft Tumor Model. Pharmaceutical Research, 2014, 31, 983-991.	1.7	21
25	Effect of BMP-2 from matrices of different stiffnesses for the modulation of stem cell fate. Biomaterials, 2013, 34, 2157-2166.	5.7	108
26	Biofunctional micellar nanoparticles from peptide-b-polymer chimeras. Polymer Chemistry, 2013, 4, 2011.	1.9	9
27	Hydrosoluble dendritic poly(ethylene oxide)s with zinc tetraphenylporphyrin branching points as photosensitizers. Polymer Chemistry, 2013, 4, 1903.	1.9	24
28	Self-assembled coreâ€“shell micelles from peptide-b-polymer molecular chimeras towards structureâ€“activity relationships. Faraday Discussions, 2013, 166, 83.	1.6	11
29	Fully bio-based poly(l-lactide)-b-poly(ricinoleic acid)-b-poly(l-lactide) triblock copolyesters: investigation of solid-state morphology and thermo-mechanical properties. Polymer Chemistry, 2013, 4, 3357.	1.9	47
30	Encapsidation of RNAâ€“Polyelectrolyte Complexes with Amphiphilic Block Copolymers: Toward a New Self-Assembly Route. Journal of the American Chemical Society, 2012, 134, 20189-20196.	6.6	29
31	Rapid and controlled synthesis of hydrophobic polyethers by monomer activation. Pure and Applied Chemistry, 2012, 84, 2103-2111.	0.9	15
32	Ï‰-Dimethyl ammonium tetrakis-pentafluorophenyl borate polyisoprene as an organic template for alkylated metallocenes toward the synthesis of polyethylene beads. Polymer Chemistry, 2012, 3, 1133.	1.9	1
33	Supramolecular Structure Characterization of Cellulose II Nanowhiskers Produced by Acid Hydrolysis of Cellulose I Substrates. Biomacromolecules, 2012, 13, 570-578.	2.6	199
34	Visualization of arborescent architecture of polystyrenes prepared by raftâ€based initiatorâ€monomer polymerization using atomic force microscopy. Journal of Polymer Science Part A, 2012, 50, 1238-1247.	2.5	2
35	Synthesis and self-assembly of â€œtree-likeâ€amphiphilic glycopolypeptides. Chemical Communications, 2012, 48, 8353.	2.2	64
36	Selective Ring-Opening Polymerization of Glycidyl Methacrylate: Toward the Synthesis of Cross-Linked (Co)polyethers with Thermoresponsive Properties. Macromolecules, 2011, 44, 6356-6364.	2.2	42

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37	Doxorubicin Loaded Magnetic Polymersomes: Theranostic Nanocarriers for MR Imaging and Magneto-Chemotherapy. ACS Nano, 2011, 5, 1122-1140.	7.3	441
38	Polyisoprene-based block copolymers as supports for metallocene and post-metallocene catalytic systems toward ethylene polymerization. New Journal of Chemistry, 2011, 35, 2322.	1.4	4
39	Nanogels Based on Poly(vinyl acetate) for the Preparation of Patterned Porous Films. Langmuir, 2011, 27, 4290-4295.	1.6	9
40	Surface segregation of polypeptide-based block copolymer micelles: An approach to engineer nanostructured and stimuli responsive surfaces. European Polymer Journal, 2011, 47, 2063-2068.	2.6	10
41	Synthesis of polynorborneneâ€poly(tertâ€butyl acrylate) nanoparticles with original morphologies by tandem ROMP and ATRP in microemulsion. Journal of Polymer Science Part A, 2011, 49, 1471-1482.	2.5	16
42	Selfâ€Assembly of Thermally Responsive Amphiphilic Diblock Copolypeptides into Spherical Micellar Nanoparticles. Angewandte Chemie - International Edition, 2010, 49, 4257-4260.	7.2	136
43	Supramolecular structures from self-assembled poly(Î³-benzyl-l-glutamate)â€“polydimethylsiloxaneâ€“poly(Î³-benzyl-l-glutamate) triblock copolypeptides in thin films. European Polymer Journal, 2010, 46, 891-899.	2.6	13
44	Structured multistimuliâ€responsive functional polymer surfaces obtained by interfacial diffusion of amphiphilic block copolymers. Journal of Polymer Science Part A, 2010, 48, 1952-1961.	2.5	23
45	pH responsive surfaces with nanoscale topography. Journal of Polymer Science Part A, 2010, 48, 2982-2990.	2.5	25
46	Singleâ€step process to produce functionalized multiresponsive polymeric particles. Journal of Polymer Science Part A, 2010, 48, 3523-3533.	2.5	8
47	Organic support for ethylene polymerization based on the self-assembly in heptane of end-functionalized polyisoprene. Polymer Chemistry, 2010, 1, 1078.	1.9	8
48	Environmentally Responsive Particles: From Superhydrophobic Particle Films to Water-Dispersible Microspheres. Langmuir, 2010, 26, 18617-18620.	1.6	5
49	Fabrication of Honeycomb-Structured Porous Surfaces Decorated with Glycopolymers. Langmuir, 2010, 26, 8552-8558.	1.6	52
50	Synthesis of Donorâ€'Acceptor Multiblock Copolymers Incorporating Fullerene Backbone Repeat Units. Macromolecules, 2010, 43, 6033-6044.	2.2	51
51	Engineering polymer surfaces with variable chemistry and topography. Journal of Polymer Science Part A, 2009, 47, 2262-2271.	2.5	32
52	Nanostructured polymer composite nanoparticles synthesized in a single step via simultaneous ROMP and ATRP under microemulsion conditions. Journal of Polymer Science Part A, 2009, 47, 4014-4027.	2.5	27
53	Adhesives based on polyurethane graft multiblock copolymers: Tack, rheology and first morphological analyses. International Journal of Adhesion and Adhesives, 2009, 29, 1-8.	1.4	32
54	Self-Organized Hierarchical Structures in Polymer Surfaces: Self-Assembled Nanostructures within Breath Figures. Langmuir, 2009, 25, 6493-6499.	1.6	76

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55	Main-Chain Fullerene Polymers for Photovoltaic Devices. Macromolecules, 2009, 42, 3549-3558.	2.2	44
56	Simultaneous ROMP and ATRP in Aqueous Dispersed Media: A Straightforward Strategy to Prepare Polymer Composite Particles with Original Morphologies. Macromolecular Symposia, 2009, 281, 31-38.	0.4	10
57	Synthesis and selfâ€assembly in water of coilâ€rodâ€coil amphiphilic block copolymers with central Ïâ€conjugated sequence. Journal of Polymer Science Part A, 2008, 46, 4602-4616.	2.5	35
58	Synthesis of PEDOT Nano-objects Using Poly(vinyl alcohol)-Based Reactive Stabilizers in Aqueous Dispersion. Macromolecules, 2008, 41, 8964-8970.	2.2	24
59	Janus-Type Dendrimer-like Poly(ethylene oxide)s. Journal of the American Chemical Society, 2008, 130, 11662-11676.	6.6	80
60	Structured Assemblies of Ferromagnetic Particles through Covalent Immobilization on Functionalized Polymer Surfaces Obtained by Surface Segregation. Langmuir, 2007, 23, 6879-6882.	1.6	17