

J-F Le Meins

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,903
citations

279487

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276539

41
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all docs

42
docs citations

42
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	Hybrid polymer/lipid vesicles: Influence of polymer architecture and molar mass on line tension. <i>Biophysical Journal</i> , 2022, 121, 61-67.	0.2	3
2	Tear of lipid membranes by nanoparticles. <i>Soft Matter</i> , 2022, 18, 3318-3322.	1.2	3
3	Membrane reinforcement in giant hybrid polymer lipid vesicles achieved by controlling the polymer architecture. <i>Soft Matter</i> , 2021, 17, 83-89.	1.2	11
4	Large hybrid Polymer/Lipid Unilamellar vesicle (LHUV) at the nanoscale: An insight into the lipid distribution in the membrane and permeability control. <i>Journal of Colloid and Interface Science</i> , 2021, 604, 575-583.	5.0	8
5	Bio-Based Polyricinoleate and Polyhydroxystearate: Properties and Evaluation as Viscosity Modifiers for Lubricants. <i>ACS Applied Polymer Materials</i> , 2021, 3, 811-818.	2.0	2
6	Self-Assembling Peptide-Polymer Nano-Objects via Polymerization-Induced Self-Assembly. <i>Macromolecules</i> , 2020, 53, 7034-7043.	2.2	28
7	Switchable Lipid Provides pH-Sensitive Properties to Lipid and Hybrid Polymer/Lipid Membranes. <i>Polymers</i> , 2020, 12, 637.	2.0	15
8	Obtention of Giant Unilamellar Hybrid Vesicles by Electroformation and Measurement of their Mechanical Properties by Micropipette Aspiration. <i>Journal of Visualized Experiments</i> , 2020, .	0.2	5
9	Organogels from trehalose difatty ester amphiphiles. <i>Soft Matter</i> , 2019, 15, 956-962.	1.2	4
10	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. <i>Polymers</i> , 2019, 11, 2013.	2.0	27
11	Asymmetric Hybrid Polymer-Lipid Giant Vesicles as Cell Membrane Mimics. <i>Advanced Science</i> , 2018, 5, 1700453.	5.6	45
12	The combination of block copolymers and phospholipids to form giant hybrid unilamellar vesicles (GHUVs) does not systematically lead to intermediate-membrane properties. <i>Soft Matter</i> , 2018, 14, 6476-6484.	1.2	20
13	Mixing Block Copolymers with Phospholipids at the Nanoscale: From Hybrid Polymer/Lipid Wormlike Micelles to Vesicles Presenting Lipid Nanodomains. <i>Langmuir</i> , 2017, 33, 1705-1715.	1.6	75
14	Modulation of phase separation at the micron scale and nanoscale in giant polymer/lipid hybrid unilamellar vesicles (GHUVs). <i>Soft Matter</i> , 2017, 13, 627-637.	1.2	57
15	Insights into Carbopol gel formulations: Microscopy analysis of the microstructure and the influence of polyol additives. <i>Journal of Applied Polymer Science</i> , 2015, 132, .	1.3	18
16	Phase Separation and Nanodomain Formation in Hybrid Polymer/Lipid Vesicles. <i>ACS Macro Letters</i> , 2015, 4, 182-186.	2.3	69
17	Soft dynamic covalent hydrogels based on iron(III)-tetraphenylporphyrinato-functionalized 4-arm poly(ethylene oxide). <i>Polymer Chemistry</i> , 2013, 4, 458-461.	1.9	11
18	Polymersome Shape Transformation at the Nanoscale. <i>ACS Nano</i> , 2013, 7, 9298-9311.	7.3	96

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19	Droplet Microfluidics to Prepare Magnetic Polymer Vesicles and to Confine the Heat in Magnetic Hyperthermia. IEEE Transactions on Magnetics, 2013, 49, 182-190.	1.2	22
20	Hybrid polymer/lipid vesicles: state of the art and future perspectives. Materials Today, 2013, 16, 397-402.	8.3	187
21	Hybrid polymer/lipid vesicles: fine control of the lipid and polymer distribution in the binary membrane. Soft Matter, 2012, 8, 2867.	1.2	115
22	Original diols from sunflower and ricin oils: Synthesis, characterization, and use as polyurethane building blocks. Journal of Polymer Science Part A, 2012, 50, 1766-1782.	2.5	77
23	The in vivo behavior and antitumor activity of doxorubicin-loaded poly(β -benzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 587 Td Nanomedicine: Nanotechnology, Biology, and Medicine, 2012, 8, 71-80.	1.7	80
24	Block Copolymer Vesicle Permeability Measured by Osmotic Swelling and Shrinking. Langmuir, 2011, 27, 4884-4890.	1.6	61
25	Nanogels Based on Poly(vinyl acetate) for the Preparation of Patterned Porous Films. Langmuir, 2011, 27, 4290-4295.	1.6	9
26	Mastering a Double Emulsion in a Simple Co-Flow Microfluidic to Generate Complex Polymersomes. Langmuir, 2011, 27, 9034-9042.	1.6	98
27	Recent trends in the tuning of polymersomesâ€™ membrane properties. European Physical Journal E, 2011, 34, 14.	0.7	195
28	Biocompatible and Biodegradable Poly(trimethylene carbonate)- <i>block</i> -Poly(<i>l</i> -glutamic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 162	1.8	162
29	A simple method to achieve high doxorubicin loading in biodegradable polymersomes. Journal of Controlled Release, 2010, 147, 428-435.	4.8	317
30	In vitro and In vivo Evaluation of Docetaxel Loaded Biodegradable Polymersomes. Macromolecular Bioscience, 2010, 10, 503-512.	2.1	70
31	The intracellular drug delivery and anti tumor activity of doxorubicin loaded poly(β -benzyl) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 310	5.7	310
32	Temperature responsive poly(trimethylene carbonate)- <i>block</i> -poly(<i>l</i> -glutamic acid) copolymer: polymersomes fusion and fission. Soft Matter, 2010, 6, 1722.	1.2	70
33	Morphological Changes Induced by Addition of Polystyrene to Dextranâ€™Polystyrene Block Copolymer Solutions. Macromolecular Symposia, 2009, 281, 113-118.	0.4	3
34	Biomimetic Doxorubicin Loaded Polymersomes from Hyaluronan- <i>block</i> -Poly(β -benzyl glutamate) Copolymers. Biomacromolecules, 2009, 10, 2802-2808.	2.6	195
35	Hybrid Block Copolymers Incorporating Oligosaccharides and D Synthetic Blocks Grown by Controlled Radical Polymerization. ACS Symposium Series, 2009, , 231-240.	0.5	7
36	Design and function of novel superplasticizers for more durable high performance concrete (superplast project). Cement and Concrete Research, 2008, 38, 1197-1209.	4.6	205

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37	Thermal properties and stability of cassava starch films cross-linked with tetraethylene glycol diacrylate. <i>Polymer Degradation and Stability</i> , 2006, 91, 726-732.	2.7	78
38	Microstructural characterisation and behaviour in different salt solutions of sodium polymethacrylate-g-PEO comb copolymers. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2005, 260, 173-182.	2.3	68
39	Suspensions of monodisperse spheres in polymer melts: particle size effects in extensional flow. <i>Rheologica Acta</i> , 2003, 42, 184-190.	1.1	49
40	Shear-Induced Phase Separation in an Associating Polymer Solution. <i>Macromolecules</i> , 2001, 34, 2641-2647.	2.2	27