Annabelle Bertin

List of Publications by Year
in descending order

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31 papers	1,701 citations	448610 19 h-index	536525 29 g-index
31 all docs	31 docs citations	31 times ranked	3049 citing authors

#	Article	IF	Citations
1	Hyperbranched Rigid Aromatic Phosphorusâ€Containing Flame Retardants for Epoxy Resins. Macromolecular Materials and Engineering, 2021, 306, 2000731.	1.7	52
2	2,6â€Diaminopyridine and Acrylamideâ€Based Copolymers with Upper Critical Solution Temperatureâ€type Behavior in Aqueous Solution. Journal of Polymer Science Part A, 2019, 57, 2064-2073.	2.5	9
3	Polyacrylamide â€œrevisitedâ€• UCST-type reversible thermoresponsive properties in aqueous alcoholic solutions. Soft Matter, 2018, 14, 1336-1343.	1.2	16
4	Frontispiece: Hybrid Siliconâ€Based Organic/Inorganic Block Copolymers with Solâ€“Gel Active Moieties: Synthetic Advances, Selfâ€Assembly and Applications in Biomedicine and Materials Science. Chemistry - A European Journal, 2018, 24, .	1.7	0
5	Hybrid Siliconâ€Based Organic/Inorganic Block Copolymers with Solâ€“Gel Active Moieties: Synthetic Advances, Selfâ€Assembly and Applications in Biomedicine and Materials Science. Chemistry - A European Journal, 2018, 24, 3354-3373.	1.7	20
6	Facile Photochemical Modification of Silk Proteinâ€“Based Biomaterials. Macromolecular Bioscience, 2018, 18, e1800216.	2.1	5
7	Dielectric analysis of the upper critical solution temperature behaviour of a poly(acrylamide-co-acrylonitrile) copolymer system in water. Soft Matter, 2017, 13, 2384-2393.	1.2	10
8	A Dendritic Amphiphile for Efficient Control of Biomimetic Calcium Phosphate Mineralization. Macromolecular Bioscience, 2017, 17, 1600524.	2.1	5
9	Thermoresponsive functional polymers based on 2,6-diaminopyridine motif with tunable UCST behaviour in water/alcohol mixtures. Polymer Chemistry, 2017, 8, 3140-3153.	1.9	25
10	Phase transition and aggregation behaviour of an UCST-type copolymer poly(acrylamide-co-acrylonitrile) in water: effect of acrylonitrile content, concentration in solution, copolymer chain length and presence of electrolyte. Soft Matter, 2017, 13, 658-669.	1.2	54
11	Vesicles from Amphiphilic Dumbbells and Janus Dendrimers: Bioinspired Self-Assembled Structures for Biomedical Applications. Polymers, 2017, 9, 280.	2.0	20
12	Tuning the Surface of Nanoparticles: Impact of Poly(2â€ethylâ€2â€oxazoline) on Protein Adsorption in Serum and Cellular Uptake. Macromolecular Bioscience, 2016, 16, 1287-1300.	2.1	43
13	Temperature-Triggered Protein Adsorption on Polymer-Coated Nanoparticles in Serum. Langmuir, 2015, 31, 8873-8881.	1.6	50
14	The role of coating materials and zeta potential in iron oxide nanoparticle translocation in human intestinal cells. Toxicology Letters, 2014, 229, S194-S195.	0.4	1
15	â€œSingleâ€“Singleâ€•Amphiphilic Janus Dendrimers Self-Assemble into Uniform Dendrimersomes with Predictable Size. ACS Nano, 2014, 8, 1554-1565.	7.3	91
16	Self-assembly of amphiphilic Janus dendrimers into uniform onion-like dendrimersomes with predictable size and number of bilayers. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 9058-9063.	3.3	145
17	Polyelectrolyte Complexes of DNA and Polycations as Gene Delivery Vectors. Advances in Polymer Science, 2013, , 103-195.	0.4	23
18	Modular Synthesis of Amphiphilic Janus Glycodendrimers and Their Self-Assembly into Glycodendrimersomes and Other Complex Architectures with Bioactivity to Biomedically Relevant Lectins. Journal of the American Chemical Society, 2013, 135, 9055-9077.	6.6	261

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19	Emergence of Polymer Stereocomplexes for Biomedical Applications. Macromolecular Chemistry and Physics, 2012, 213, 2329-2352.	1.1	54
20	Predicting the Size and Properties of Dendrimersomes from the Lamellar Structure of Their Amphiphilic Janus Dendrimers. Journal of the American Chemical Society, 2011, 133, 20507-20520.	6.6	165
21	Dendronized iron oxide nanoparticles for multimodal imaging. Biomaterials, 2011, 32, 8562-8573.	5.7	84
22	Probing Polymersomeâ€Protein and â€Cell Interactions: Influence of Different Endâ€Groups and Environments. Macromolecular Symposia, 2011, 309-310, 134-140.	0.4	1
23	Poly(2â€oxazoline)s as Smart Bioinspired Polymers. Macromolecular Rapid Communications, 2010, 31, 511-525.	2.0	276
24	In vitro neurotoxicity of magnetic resonance imaging (MRI) contrast agents: Influence of the molecular structure and paramagnetic ion. Toxicology in Vitro, 2010, 24, 1386-1394.	1.1	28
25	Synthesis and characterization of a highly stable dendritic catechol-tripod bearing technetium-99m. New Journal of Chemistry, 2010, 34, 267-275.	1.4	5
26	Biohybrid and Peptide-Based Polymer Vesicles. Advances in Polymer Science, 2009, , 167-195.	0.4	24
27	Water soluble dendronized iron oxide nanoparticles. Dalton Transactions, 2009, , 4442.	1.6	85
28	Development of a Dendritic Manganese-Enhanced Magnetic Resonance Imaging (MEMRI) Contrast Agent: Synthesis, Toxicity (in Vitro) and Relaxivity (in Vitro, in Vivo) Studies. Bioconjugate Chemistry, 2009, 20, 760-767.	1.8	66
29	Mild and Versatile (Bio-)Functionalization of Glass Surfaces via Thiolâ^'Ene Photochemistry. Chemistry of Materials, 2009, 21, 5698-5700.	3.2	80
30	Biohybrid and Peptide-Based Polymer Vesicles. Advances in Polymer Science, 2009, , .	0.4	0
31	Synthesis and Langmuir-film formation of new dendritic DTPA-derived gadolinium(III) complexes. Tetrahedron Letters, 2007, 48, 4699-4702.	0.7	3