Efrosyni Themistou

List of Publications by Year in descending order

33 papers	1,324 citations	361413 20 h-index	414414 32 g-index
35 all docs	35 docs citations	35 times ranked	2019 citing authors

#	Article	IF	Citations
1	Targeting Siglecs with a sialic acidâ€“decorated nanoparticle abrogates inflammation. Science Translational Medicine, 2015, 7, 303ra140.	12.4	142
2	Nile Blue-Based Nanosized pH Sensors for Simultaneous Far-Red and Near-Infrared Live Bioimaging. Journal of the American Chemical Society, 2013, 135, 14863-14870.	13.7	119
3	Facile Synthesis and Visualization of Janus Double-Brush Copolymers. ACS Macro Letters, 2012, 1, 52-56.	4.8	116
4	pH-Sensitive brush polymer-drug conjugates by ring-opening metathesis copolymerization. Chemical Communications, 2011, 47, 4493.	4.1	95
5	Fluid Shear Induces Conformation Change in Human Blood Protein von Willebrand Factor in Solution. Biophysical Journal, 2009, 96, 2313-2320.	0.5	88
6	Clicking Wellâ€Đefined Biodegradable Nanoparticles and Nanocapsules by UVâ€Ìnduced Thiolâ€Ēne Crossâ€Ŀinking in Transparent Miniemulsions. Advanced Materials, 2011, 23, 4274-4277.	21.0	87
7	Wholly Biobased, Highly Stretchable, Hydrophobic, and Self-healing Thermoplastic Elastomer. ACS Applied Materials & Interfaces, 2021, 13, 6720-6730.	8.0	60
8	Structure and dynamics of dextran in binary mixtures of a good and a bad solvent. Colloid and Polymer Science, 2010, 288, 1301-1312.	2.1	56
9	Synthesis and Characterization of Star Polymers and Cross-Linked Star Polymer Model Networks with Cores Based on an Asymmetric, Hydrolyzable Dimethacrylate Cross-Linker. Chemistry of Materials, 2006, 18, 85-93.	6.7	48
10	Synthesis and Characterization of Polymer Networks and Star Polymers Containing a Novel, Hydrolyzable Acetal-Based Dimethacrylate Cross-Linker. Macromolecules, 2006, 39, 73-80.	4.8	47
11	Controlling Surface Topology and Functionality of Electrospun Fibers on the Nanoscale using Amphiphilic Block Copolymers To Direct Mesenchymal Progenitor Cell Adhesion. Biomacromolecules, 2015, 16, 66-75.	5.4	46
12	Synthesis and Characterization of Star Polymers and Cross-Linked Star Polymer Model Networks Containing a Novel, Silicon-Based, Hydrolyzable Cross-Linker. Macromolecules, 2004, 37, 6734-6743.	4.8	44
13	Facile synthesis of thiol-functionalized amphiphilic polylactideâ€“methacrylic diblock copolymers. Polymer Chemistry, 2014, 5, 1405-1417.	3.9	38
14	Targeting triple-negative breast cancer cells using Dengue virus-mimicking pH-responsive framboidal triblock copolymer vesicles. Chemical Science, 2019, 10, 4811-4821.	7.4	36
15	Three different types of quasi-model networks: synthesis by group transfer polymerization and characterization. Polymer Bulletin, 2007, 58, 185-190.	3.3	32
16	Star Polymers and Polymer Networks Containing a Novel, Hydrolyzable Diacetal-Based Dimethacrylate Cross-Linker:Â Synthesis, Characterization, and Hydrolysis Kinetics. Macromolecules, 2007, 40, 5231-5234.	4.8	29
17	Application of Fluorescence Spectroscopy to Quantify Shear-Induced Protein Conformation Change. Biophysical Journal, 2009, 97, 2567-2576.	0.5	29
18	Nanoscale detection of metal-labeled copolymers in patchy polymersomes. Polymer Chemistry, 2015, 6, 2065-2068.	3.9	26

#	Article	IF	Citations
19	Star polymers with acid-labile diacetal-based cores synthesized by aqueous RAFT polymerization for intracellular DNA delivery. Polymer Chemistry, 2020, 11, 344-357.	3.9	25
20	Thermolyzable polymer networks and star polymers containing a novel, compact, degradable acylalâ€based dimethacrylate crossâ€linker: Synthesis, characterization, and thermolysis. Journal of Polymer Science Part A, 2007, 45, 5811-5823.	2.3	22
21	A Cleavable Network Based on Crosslinked Star Polymers Containing Acidâ€Labile Diacetal Crosslinks: Synthesis, Characterization and Hydrolysis. Macromolecular Chemistry and Physics, 2008, 209, 1021-1028.	2.2	18
22	Polyelectrolyte nanocages via crystallized miniemulsion droplets. Chemical Communications, 2011, 47, 11697.	4.1	15
23	pH-Responsive diblock copolymers with two different fluorescent labels for simultaneous monitoring of micellar self-assembly and degree of protonation. Polymer Chemistry, 2018, 9, 2964-2976.	3.9	13
24	pH-Responsive benzaldehyde-functionalized PEG-based polymeric nanoparticles for drug delivery: Effect of preparation method on morphology, dye encapsulation and attachment. European Polymer Journal, 2020, 124, 109471.	5.4	13
25	Single-Domain Antibody-Functionalized pH-Responsive Amphiphilic Block Copolymer Nanoparticles for Epidermal Growth Factor Receptor Targeted Cancer Therapy. ACS Macro Letters, 2018, 7, 1010-1015.	4.8	12
26	Synthesis and characterization of amphiphilic star copolymers of 2-(dimethylamino)ethyl methacrylate and methyl methacrylate: Effects of architecture and composition. European Polymer Journal, 2007, 43, 84-92.	5.4	11
27	Degradable polymer networks and star polymers based on mixtures of two cleavable dimethacrylate crosslinkers: Synthesis, characterization, and degradation. Journal of Polymer Science Part A, 2009, 47, 5853-5870.	2.3	11
28	Low temperature gamma sterilization of a bioresorbable polymer, PLGA. Radiation Physics and Chemistry, 2018, 143, 27-32.	2.8	11
29	Novel Biobased Polyamide Thermoplastic Elastomer with Medium Hardness. Macromolecular Chemistry and Physics, 2021, 222, 2100218.	2.2	11
30	Development of amphiphilic block copolymers as silica optical fiber overlayers for BSA protein detection. Materials Chemistry and Physics, 2018, 216, 421-428.	4.0	10
31	Evaluation of the in vitro cytotoxicity and modulation of the inflammatory response by the bioresorbable polymers poly(D,L-lactide-co-glycolide) and poly(L-lactide-co-glycolide). Acta Biomaterialia, 2021, 134, 261-275.	8.3	10
32	Electrosprayed cysteine-functionalized degradable amphiphilic block copolymer microparticles for low pH-triggered drug delivery. Polymer Chemistry, 2019, 10, 5814-5820.	3.9	4
33	Amphiphilic block copolymer-based photonic platform towards efficient protein detection. , 2016, , .		0