

Khrystyna Harhay

List of Publications by Year in descending order

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papers

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759233

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#	ARTICLE	IF	CITATIONS
1	Temperature-responsive hybrid nanomaterials based on modified halloysite nanotubes uploaded with silver nanoparticles. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 641, 128525.	4.7	42
2	Novel amphiphilic block-copolymer forming stable micelles and interpolyelectrolyte complexes with DNA for efficient gene delivery. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2021, 70, 554-573.	3.4	2
3	Temperature-responsive and multi-responsive grafted polymer brushes with transitions based on critical solution temperature: synthesis, properties, and applications. <i>Colloid and Polymer Science</i> , 2021, 299, 363-383.	2.1	43
4	Nanoarchitectonics at surfaces using multifunctional initiators of surface-initiated radical polymerization for fabrication of the nanocomposites. <i>Applied Surface Science Advances</i> , 2021, 5, 100104.	6.8	19
5	Grafted polymer brush coatings for growth of cow granulosa cells and oocyte-cumulus cell complexes. <i>Biointerphases</i> , 2020, 15, 031006.	1.6	4
6	pH-Controlled fluorescence switching in water-dispersed polymer brushes grafted to modified boron nitride nanotubes for cellular imaging. <i>Beilstein Journal of Nanotechnology</i> , 2019, 10, 2428-2439.	2.8	11
7	Shape-Controlled synthesis of silver nanoparticles in temperature-responsive grafted polymer brushes for optical applications. <i>Applied Surface Science</i> , 2019, 463, 1124-1133.	6.1	27
8	Glass transition in temperature-responsive poly(butyl methacrylate) grafted polymer brushes. Impact of thickness and temperature on wetting, morphology, and cell growth. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1613-1621.	5.8	19
9	Luminescent SiO ₂ nanoparticles for cell labelling: Combined water dispersion polymerization and 3D condensation controlled by oligoperoxide surfactant-initiator. <i>European Polymer Journal</i> , 2018, 103, 282-292.	5.4	4
10	Temperature-responsive grafted polymer brushes obtained from renewable sources with potential application as substrates for tissue engineering. <i>Applied Surface Science</i> , 2017, 407, 546-554.	6.1	29
11	Temperature-Controlled Three-Stage Switching of Wetting, Morphology, and Protein Adsorption. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12035-12045.	8.0	34
12	Cholesterol-Based Grafted Polymer Brushes as Alignment Coating with Temperature-Tuned Anchoring for Nematic Liquid Crystals. <i>Langmuir</i> , 2016, 32, 11029-11038.	3.5	25
13	Temperature-responsive properties of poly(4-vinylpyridine) coatings: influence of temperature on the wettability, morphology, and protein adsorption. <i>RSC Advances</i> , 2016, 6, 87469-87477.	3.6	33
14	Water-dispersed thermo-responsive boron nitride nanotubes: synthesis and properties. <i>Nanotechnology</i> , 2016, 27, 035703.	2.6	31
15	Synthesis and Selfassembly of Amphiphilic Oligoesters Based on Pyromellitic Acid. <i>Chemistry and Chemical Technology</i> , 2016, 10, 159-172.	1.1	2
16	Synthesis and Postpolymerization Modification of Thermoresponsive Coatings Based on Pentaerythritol Monomethacrylate: Surface Analysis, Wettability, and Protein Adsorption. <i>Langmuir</i> , 2015, 31, 9675-9683.	3.5	23
17	Ionically and Covalently Crosslinked Hydrogel Particles Based on Chitosan and Poly(ethylene glycol). <i>Chemistry and Chemical Technology</i> , 2014, 8, 171-176.	1.1	8
18	Temperature and pH dual-responsive POEGMA-based coatings for protein adsorption. <i>Journal of Colloid and Interface Science</i> , 2013, 411, 247-256.	9.4	39

#	ARTICLE	IF	CITATIONS
19	Modification of poly(ethylene terephthalate) surface with attached dextran macromolecules. Polymer International, 2009, 58, 1034-1040.	3.1	8