

Shin-nosuke Nishimura

List of Publications by Year in descending order

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27
papers

277
citations

933447

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27
all docs

27
docs citations

27
times ranked

171
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermo-responsive polymer brushes on glass plate prepared from a new class of amino acid-derived vinyl monomers and their applications in cell-sheet engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 159, 39-46.	5.0	26
2	A novel thermo-responsive multiblock architecture composed of a sequential peptide and an amino acid-derived vinyl polymer: toward protein-mimicking single-chain folding. <i>Chemical Communications</i> , 2019, 55, 1498-1501.	4.1	24
3	Infrared Spectra and Hydrogen-Bond Configurations of Water Molecules at the Interface of Water-Insoluble Polymers under Humidified Conditions. <i>Journal of Physical Chemistry B</i> , 2022, 126, 4143-4151.	2.6	24
4	Impact of simultaneous hydrolysis of OCP and PLGA on bone induction of a PLGA-OCP composite scaffold in a rat femoral defect. <i>Acta Biomaterialia</i> , 2021, 124, 358-373.	8.3	23
5	Facile Synthesis of Multiblock Copolymers Containing Sequence-Controlled Peptides and Well-Defined Vinyl Polymers by Nitroxide-Mediated Polymerization. <i>Chemistry - A European Journal</i> , 2017, 23, 15050-15058.	3.3	17
6	Synthesis of peptide-vinyl polymer multiblock hybrids by nitroxide-mediated polymerization: breaking the limitations of monomer compatibility. <i>Polymer Chemistry</i> , 2019, 10, 71-76.	3.9	17
7	Stepwise Thermo-Responsive Amino Acid-Derived Triblock Vinyl Polymers: ATRP Synthesis of Polymers, Aggregation, and Gelation Properties via Flower-Like Micelle Formation. <i>Materials</i> , 2018, 11, 424.	2.9	15
8	Photocleavable Peptide-Poly(2-hydroxyethyl methacrylate) Hybrid Graft Copolymer via Postpolymerization Modification by Click Chemistry To Modulate the Cell Affinities of 2D and 3D Materials. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 24577-24587.	8.0	15
9	Silsesquioxane/Poly(2-methoxyethyl acrylate) Hybrid with Both Antithrombotic and Endothelial Cell Adhesive Properties. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4790-4801.	4.4	13
10	Selective Accumulation to Tumor Cells with Coacervate Droplets Formed from a Water-Insoluble Acrylate Polymer. <i>Biomacromolecules</i> , 2022, 23, 1569-1580.	5.4	12
11	Biocompatible poly(<i>N</i> -(<i>i</i> -acryloyloxy- <i>n</i> -alkyl)-2-pyrrolidone)s with widely-tunable lower critical solution temperatures (LCSTs): a promising alternative to poly(<i>N</i> -isopropylacrylamide). <i>Polymer Chemistry</i> , 2022, 13, 2519-2530.	3.9	11
12	Spider silk-inspired peptide multiblock hybrid copolymers for self-healable thin film materials. <i>Materials Advances</i> , 2021, 2, 7851-7860.	5.4	10
13	Characterization of Hydration Water Bound to Choline Phosphate-Containing Polymers. <i>Biomacromolecules</i> , 2022, 23, 2999-3008.	5.4	10
14	Chain-End Effect for Intermediate Water Formation of Poly(2-Methoxyethyl Acrylate). <i>Organic Materials</i> , 2021, 03, 214-220.	2.0	8
15	Spontaneous Formation of Nanoparticles from Peptide-Vinyl Polymer Diblock Hybrids Prepared by RAFT Polymerization and Their Interactions with Cells. <i>ACS Omega</i> , 2019, 4, 8104-8111.	3.5	7
16	Effect of pendant groups on the blood compatibility and hydration states of poly(2-oxazoline)s. <i>Journal of Polymer Science</i> , 2021, 59, 2559-2570.	3.8	7
17	Protein Stabilization Effect of Zwitterionic Osmolyte-bearing Polymer. <i>Chemistry Letters</i> , 2021, 50, 1699-1702.	1.3	7
18	A β -hairpin peptide with pH-controlled affinity for tumor cells. <i>Chemical Communications</i> , 2022, 58, 505-508.	4.1	6

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19	Hydration Mechanism in Blood-Compatible Polymers Undergoing Phase Separation. Langmuir, 2022, 38, 1090-1098.	3.5	6
20	Star-Shaped Peptide-Polymer Hybrids as Fast pH-Responsive Supramolecular Hydrogels. Biomacromolecules, 2022, 23, 2941-2950.	5.4	6
21	Photocleavable and Polymerizable Peptide for Micropatterning of Bioactive Segments in Polymer Soft Materials. Chemistry Letters, 2018, 47, 555-558.	1.3	5
22	Observing the repulsion layers on blood-compatible polymer-grafted interfaces by frequency modulation atomic force microscopy. Materials Science and Engineering C, 2022, 133, 112596.	7.3	5
23	Surfactant-free suspension polymerization of hydrophilic monomers with an oil-in-water system for the preparation of microparticles toward the selective isolation of tumor cells. Materials Advances, 2022, 3, 5043-5054.	5.4	2
24	Nanostructure Formation from Three-Armed Coiled-Coil Peptide through Self-Assembly. Kobunshi Ronbunshu, 2016, 73, 175-182.	0.2	1
25	Frontispiece: Facile Synthesis of Multiblock Copolymers Containing Sequence-Controlled Peptides and Well-Defined Vinyl Polymers by Nitroxide-Mediated Polymerization. Chemistry - A European Journal, 2017, 23, .	3.3	0
26	Development of Coating Technique with Polymers having Photo-cleavable RGDS Peptide as a Graft Chain. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2018, 2018.30, 2H10.	0.0	0
27	Development of Surface Treatment Technique with Poly (styrene- <i>alt</i> -maleic anhydride) Thin Film Modified by Photo-cleavable RGDS Peptide. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2018, 2018.30, 2H09.	0.0	0