

Veronika Kozlovskaya

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1959319/publications.pdf>

Version: 2024-02-01

81
papers

4,652
citations

66234

42
h-index

98622

67
g-index

85
all docs

85
docs citations

85
times ranked

5131
citing authors

#	ARTICLE	IF	CITATIONS
1	Layer-by-Layer Hydrogen-Bonded Polymer Films: From Fundamentals to Applications. <i>Advanced Materials</i> , 2009, 21, 3053-3065.	11.1	377
2	Responsive microcapsule reactors based on hydrogen-bonded tannic acid layer-by-layer assemblies. <i>Soft Matter</i> , 2010, 6, 3596.	1.2	243
3	Poly(methacrylic acid) Hydrogel Films and Capsules: Response to pH and Ionic Strength, and Encapsulation of Macromolecules. <i>Chemistry of Materials</i> , 2006, 18, 328-336.	3.2	225
4	Hydrogen-Bonded Polymer Capsules Formed by Layer-by-Layer Self-Assembly. <i>Macromolecules</i> , 2003, 36, 8590-8592.	2.2	162
5	Ultrathin Layer-by-Layer Hydrogels with Incorporated Gold Nanorods as pH-Sensitive Optical Materials. <i>Chemistry of Materials</i> , 2008, 20, 7474-7485.	3.2	141
6	Ultrathin Polymeric Coatings Based on Hydrogen-Bonded Polyphenol for Protection of Pancreatic Islet Cells. <i>Advanced Functional Materials</i> , 2012, 22, 3389-3398.	7.8	141
7	Hydrogen-bonded LbL shells for living cell surface engineering. <i>Soft Matter</i> , 2011, 7, 2364-2372.	1.2	140
8	Hydrogen-Bonded Multilayers of Thermoresponsive Polymers. <i>Macromolecules</i> , 2005, 38, 10523-10531.	2.2	133
9	Temperature-Sensitive Polymersomes for Controlled Delivery of Anticancer Drugs. <i>Chemistry of Materials</i> , 2015, 27, 7945-7956.	3.2	118
10	Encapsulation of anticancer drug by hydrogen-bonded multilayers of tannic acid. <i>Soft Matter</i> , 2014, 10, 9237-9247.	1.2	114
11	Spin-Assisted Layer-by-Layer Assembly: Variation of Stratification as Studied with Neutron Reflectivity. <i>Langmuir</i> , 2009, 25, 14017-14024.	1.6	97
12	Thermosensitive Multilayer Hydrogels of Poly(<i>N</i> -vinylcaprolactam) as Nanothin Films and Shaped Capsules. <i>Chemistry of Materials</i> , 2012, 24, 3707-3719.	3.2	91
13	Internalization of Red Blood Cell-Mimicking Hydrogel Capsules with pH-Triggered Shape Responses. <i>ACS Nano</i> , 2014, 8, 5725-5737.	7.3	90
14	Multilayer-derived, ultrathin, stimuli-responsive hydrogels. <i>Soft Matter</i> , 2009, 5, 4077.	1.2	89
15	Biocompatible Shaped Particles from Dried Multilayer Polymer Capsules. <i>Biomacromolecules</i> , 2013, 14, 3830-3841.	2.6	88
16	Theranostic Multilayer Capsules for Ultrasound Imaging and Guided Drug Delivery. <i>ACS Nano</i> , 2017, 11, 3135-3146.	7.3	88
17	Hydrogen-Bonded Multilayers of Tannic Acid as Mediators of T _H 1 Cell Immunity. <i>Advanced Healthcare Materials</i> , 2015, 4, 686-694.	3.9	86
18	pH-Triggered softening of crosslinked hydrogen-bonded capsules. <i>Soft Matter</i> , 2006, 2, 966.	1.2	85

#	ARTICLE	IF	CITATIONS
19	Surface Priming and the Self-Assembly of Hydrogen-Bonded Multilayer Capsules and Films. <i>Macromolecules</i> , 2005, 38, 4828-4836.	2.2	72
20	Intracellular Degradable Hydrogel Cubes and Spheres for Anti-Cancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13633-13644.	4.0	72
21	Shaped stimuli-responsive hydrogel particles: syntheses, properties and biological responses. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9-35.	2.9	71
22	Islet encapsulation with polyphenol coatings decreases pro-inflammatory chemokine synthesis and T cell trafficking. <i>Biomaterials</i> , 2017, 128, 19-32.	5.7	69
23	Temperature-responsive nanogel multilayers of poly(N-vinylcaprolactam) for topical drug delivery. <i>Journal of Colloid and Interface Science</i> , 2017, 506, 589-602.	5.0	67
24	Amphoteric Hydrogel Capsules: Multiple Encapsulation and Release Routes. <i>Macromolecules</i> , 2006, 39, 6191-6199.	2.2	66
25	Hydrogen-Bonded Polymer Multilayers Probed by Neutron Reflectivity. <i>Langmuir</i> , 2008, 24, 11346-11349.	1.6	66
26	Anisotropic Micro- and Nano-Capsules. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2041-2046.	2.0	66
27	pH-responsive photoluminescent LbL hydrogels with confined quantum dots. <i>Soft Matter</i> , 2010, 6, 800-807.	1.2	66
28	Thermoresponsive Micelles from Double LCST-Poly(3-methyl-N-vinylcaprolactam) Block Copolymers for Cancer Therapy. <i>ACS Macro Letters</i> , 2015, 4, 308-311.	2.3	66
29	Fluorescence correlation spectroscopy studies of diffusion of a weak polyelectrolyte in aqueous solutions. <i>Journal of Chemical Physics</i> , 2005, 122, 014907.	1.2	64
30	pH-Controlled Permeability of Layered Hydrogen-Bonded Polymer Capsules. <i>Macromolecules</i> , 2006, 39, 5569-5572.	2.2	61
31	Determination of film thickness and refractive index in one measurement of phase-modulated ellipsometry. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2006, 23, 2639.	0.8	61
32	pH-responsive hydrogel cubes for release of doxorubicin in cancer cells. <i>Journal of Materials Chemistry B</i> , 2014, 2, 2494-2507.	2.9	61
33	Cubical Shape Enhances the Interaction of Layer-by-Layer Polymeric Particles with Breast Cancer Cells. <i>Advanced Healthcare Materials</i> , 2015, 4, 2657-2666.	3.9	60
34	Tuning swelling pH and permeability of hydrogel multilayer capsules. <i>Soft Matter</i> , 2008, 4, 1499.	1.2	57
35	Replication of anisotropic dispersed particulates and complex continuous templates. <i>Journal of Materials Chemistry</i> , 2010, 20, 6587.	6.7	56
36	Resolution Agonist 15-epi-Lipoxin A4 Programs Early Activation of Resolving Phase in Post-Myocardial Infarction Healing. <i>Scientific Reports</i> , 2017, 7, 9999.	1.6	56

#	ARTICLE	IF	CITATIONS
37	Shape switching of hollow layer-by-layer hydrogel microcontainers. <i>Chemical Communications</i> , 2011, 47, 8352.	2.2	55
38	pH-triggered shape response of cubical ultrathin hydrogel capsules. <i>Soft Matter</i> , 2012, 8, 9828.	1.2	49
39	Shape-Adaptable Polymeric Particles for Controlled Delivery. <i>Macromolecules</i> , 2016, 49, 8373-8386.	2.2	48
40	Polyphenolic Polymersomes of Temperature-Sensitive Poly(<i>N</i> -vinylcaprolactam)- <i>b</i> -Poly(<i>N</i> -vinylpyrrolidone) for Anticancer Therapy. <i>Biomacromolecules</i> , 2017, 18, 2552-2563.	2.6	48
41	Synthesis and self-assembly of thermosensitive double-hydrophilic poly(<i>N</i> -vinylcaprolactam)- <i>b</i> -poly(<i>N</i> -vinyl-2-pyrrolidone) diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2725-2737.	2.5	46
42	Biodegradable self-reporting nanocomposite films of poly(lactic acid) nanoparticles engineered by layer-by-layer assembly. <i>Polymer</i> , 2010, 51, 4127-4139.	1.8	43
43	Self-Assemblies of Thermoresponsive Poly(<i>N</i> -vinylcaprolactam) Polymers for Applications in Biomedical Field. <i>ACS Applied Polymer Materials</i> , 2020, 2, 26-39.	2.0	43
44	Highly efficient delivery of potent anticancer iminoquinone derivative by multilayer hydrogel cubes. <i>Acta Biomaterialia</i> , 2017, 58, 386-398.	4.1	37
45	Manganoporphyrin-Polyphenol Multilayer Capsules as Radical and Reactive Oxygen Species (ROS) Scavengers. <i>Chemistry of Materials</i> , 2018, 30, 344-357.	3.2	36
46	Hydrogen-Bonded Multilayers of Silk Fibroin: From Coatings to Cell-Mimicking Shaped Microcontainers. <i>ACS Macro Letters</i> , 2012, 1, 384-387.	2.3	35
47	Highly swellable ultrathin poly(4-vinylpyridine) multilayer hydrogels with pH-triggered surface wettability. <i>Soft Matter</i> , 2013, 9, 9420.	1.2	35
48	Temperature-Responsive Polymersomes of Poly(3-methyl- <i>N</i> -vinylcaprolactam)- <i>b</i> -poly(<i>N</i> -vinylpyrrolidone) To Decrease Doxorubicin-Induced Cardiotoxicity. <i>Biomacromolecules</i> , 2019, 20, 3989-4000.	2.6	31
49	Secondary structure of silaffin at interfaces and titania formation. <i>Journal of Materials Chemistry</i> , 2010, 20, 5242.	6.7	30
50	Ultrasound-Triggered Delivery of Anticancer Therapeutics from MRI-Visible Multilayer Microcapsules. <i>Advanced Therapeutics</i> , 2018, 1, 1800051.	1.6	30
51	Temperature-responsive properties of poly(<i>N</i> -vinylcaprolactam) multilayer hydrogels in the presence of Hofmeister anions. <i>Materials Research Express</i> , 2014, 1, 035039.	0.8	29
52	Tailoring Architecture of Nanothin Hydrogels: Effect of Layering on pH-Triggered Swelling. <i>ACS Macro Letters</i> , 2013, 2, 226-229.	2.3	28
53	Stratified Temperature-Responsive Multilayer Hydrogels of Poly(<i>N</i> -vinylpyrrolidone) and Poly(<i>N</i> -vinylcaprolactam): Effect of Hydrogel Architecture on Properties. <i>Macromolecules</i> , 2016, 49, 6953-6964.	2.2	27
54	Encapsulation and Ultrasound-Triggered Release of G-Quadruplex DNA in Multilayer Hydrogel Microcapsules. <i>Polymers</i> , 2018, 10, 1342.	2.0	26

#	ARTICLE	IF	CITATIONS
55	Localized Immunosuppression With Tannic Acid Encapsulation Delays Islet Allograft and Autoimmune-Mediated Rejection. <i>Diabetes</i> , 2020, 69, 1948-1960.	0.3	25
56	Multilayer Hydrogel Capsules of Interpenetrated Network for Encapsulation of Small Molecules. <i>Langmuir</i> , 2018, 34, 11832-11842.	1.6	22
57	pH-Controlled Assembly and Properties of LbL Membranes from Branched Conjugated Poly(alkoxythiophene sulfonate) and Various Polycations. <i>Langmuir</i> , 2010, 26, 7138-7147.	1.6	20
58	Peptide-Functionalized Hydrogel Cubes for Active Tumor Cell Targeting. <i>Biomacromolecules</i> , 2018, 19, 4084-4097.	2.6	20
59	Tuning assembly and enzymatic degradation of silk/poly(N-vinylcaprolactam) multilayers via molecular weight and hydrophobicity. <i>Soft Matter</i> , 2015, 11, 5133-5145.	1.2	19
60	Controlling Internal Organization of Multilayer Poly(methacrylic acid) Hydrogels with Polymer Molecular Weight. <i>Macromolecules</i> , 2015, 48, 8585-8593.	2.2	18
61	Carbohydrate Sensing Using Water-Soluble Poly(methacrylic) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 507 Td (acid)-<i>co</i>-3 (A) 1341-1349.	2.0	18
62	Multilayer Microcapsules with Shell-Chelated ⁸⁹ Zr for PET Imaging and Controlled Delivery. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 56792-56804.	4.0	16
63	Effect of Temperature and Hydrophilic Ratio on the Structure of Poly(N-vinylcaprolactam)-block-poly(dimethylsiloxane)-block-poly(N-vinylcaprolactam) 2.0 Polymersomes. <i>ACS Applied Polymer Materials</i> , 2019, 1, 722-736.	2.0	15
64	Anisotropic Particles through Multilayer Assembly. <i>Macromolecular Bioscience</i> , 2022, 22, e2100328.	2.1	14
65	Nanostructured highly-swollen hydrogels: Complexation with amino acids through copper (II) ions. <i>Polymer</i> , 2015, 74, 94-107.	1.8	13
66	Poly(N-vinylpyrrolidone)-block-Poly(dimethylsiloxane)-block-Poly(N-vinylpyrrolidone) Triblock Copolymer Polymersomes for Delivery of PARP1 siRNA to Breast Cancers. <i>ACS Applied Bio Materials</i> , 2022, 5, 1670-1682.	2.3	13
67	Shape Recovery of Spherical Hydrogen-Bonded Multilayer Capsules after Osmotically Induced Deformation. <i>Langmuir</i> , 2019, 35, 10910-10919.	1.6	10
68	Xenotransplantation of tannic acid-encapsulated neonatal porcine islets decreases proinflammatory innate immune responses. <i>Xenotransplantation</i> , 2021, 28, e12706.	1.6	10
69	Localized entrapment of green fluorescent protein within nanostructured polymer films. <i>Soft Matter</i> , 2011, 7, 11453.	1.2	9
70	Polymeric Particulates of Controlled Rigidity for Biomedical Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2274-2289.	2.0	9
71	Small Angle Scattering for Pharmaceutical Applications: From Drugs to Drug Delivery Systems. <i>Advances in Experimental Medicine and Biology</i> , 2017, 1009, 239-262.	0.8	7
72	Architecture of Hydrated Multilayer Poly(methacrylic acid) Hydrogels: The Effect of Solution pH. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2260-2273.	2.0	7

#	ARTICLE	IF	CITATIONS
73	Free-Standing Thin Hydrogels: Effects of Composition and pH-Dependent Hydration on Mechanical Properties. ACS Applied Polymer Materials, 2021, 3, 3960-3971.	2.0	7
74	Photocatalytic Nanocomposite Microsponges of Poly(lactide)-TiO ₂ for Chemical Remediation in Water. ACS Applied Polymer Materials, 2020, 2, 5188-5197.	2.0	6
75	Dually Responsive Poly(N-vinylcaprolactam)-b-poly(dimethylsiloxane)-b-poly(N-vinylcaprolactam) Polymersomes for Controlled Delivery. Molecules, 2022, 27, 3485.	1.7	6
76	Two-Dimensional and Three-Dimensional Ultrathin Multilayer Hydrogels through Layer-by-Layer Assembly. Langmuir, 2022, 38, 7867-7888.	1.6	6
77	Temperature controlled transformations of giant unilamellar vesicles of amphiphilic triblock copolymers synthesized via microfluidic mixing. Applied Surface Science Advances, 2021, 5, 100101.	2.9	5
78	Complete pH-Dependent Shape Recovery in Cubical Hydrogel Capsules after Large Osmotic Deformations. Macromolecules, 2021, 54, 9712-9723.	2.2	5
79	Dampening Antigen-Specific T Cell Responses with Antigens Encapsulated in Polyphenolic Microcapsules. ImmunoHorizons, 2020, 4, 530-545.	0.8	5
80	HYDROGEN-BONDED LAYER-BY-LAYER POLYMER FILMS AND CAPSULES. , 2009, , 323-362.		2
81	Diabetes: Hydrogen-Bonded Multilayers of Tannic Acid as Mediators of T-Cell Immunity (Adv.) Tj ETQq1 1 0.784314,rgBT /Overlock 10	3.9	1