

Veronika Kozlovskaya

List of Publications by Year in descending order

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81
papers

4,652
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66234

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85
docs citations

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times ranked

5131
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Anisotropic Particles through Multilayer Assembly. <i>Macromolecular Bioscience</i> , 2022, 22, e2100328. | 2.1 | 14 |
| 2 | Poly(<i>N</i> -vinylpyrrolidone)- <i>block</i> -Poly(dimethylsiloxane)- <i>block</i> -Poly(<i>N</i> -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 |
| 3 | Dually Responsive Poly(<i>N</i> -vinylcaprolactam)- <i>b</i> -poly(dimethylsiloxane)- <i>b</i> -poly(<i>N</i> -vinylcaprolactam) Polymersomes for Controlled Delivery. <i>Molecules</i> , 2022, 27, 3485. | 1.7 | 6 |
| 4 | Two-Dimensional and Three-Dimensional Ultrathin Multilayer Hydrogels through Layer-by-Layer Assembly. <i>Langmuir</i> , 2022, 38, 7867-7888. | 1.6 | 6 |
| 5 | Polymeric Particulates of Controlled Rigidity for Biomedical Applications. <i>ACS Applied Polymer Materials</i> , 2021, 3, 2274-2289. | 2.0 | 9 |
| 6 | Xenotransplantation of tannic acid-encapsulated neonatal porcine islets decreases proinflammatory innate immune responses. <i>Xenotransplantation</i> , 2021, 28, e12706. | 1.6 | 10 |
| 7 | Free-Standing Thin Hydrogels: Effects of Composition and pH-Dependent Hydration on Mechanical Properties. <i>ACS Applied Polymer Materials</i> , 2021, 3, 3960-3971. | 2.0 | 7 |
| 8 | Temperature controlled transformations of giant unilamellar vesicles of amphiphilic triblock copolymers synthesized via microfluidic mixing. <i>Applied Surface Science Advances</i> , 2021, 5, 100101. | 2.9 | 5 |
| 9 | Complete pH-Dependent Shape Recovery in Cubical Hydrogel Capsules after Large Osmotic Deformations. <i>Macromolecules</i> , 2021, 54, 9712-9723. | 2.2 | 5 |
| 10 | 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 |
| 11 | Photocatalytic Nanocomposite Microsponges of Polylactide-Titania for Chemical Remediation in Water. <i>ACS Applied Polymer Materials</i> , 2020, 2, 5188-5197. | 2.0 | 6 |
| 12 | 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 |
| 13 | 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 |
| 14 | Localized Immunosuppression With Tannic Acid Encapsulation Delays Islet Allograft and Autoimmune-Mediated Rejection. <i>Diabetes</i> , 2020, 69, 1948-1960. | 0.3 | 25 |
| 15 | Dampening Antigen-Specific T Cell Responses with Antigens Encapsulated in Polyphenolic Microcapsules. <i>ImmunoHorizons</i> , 2020, 4, 530-545. | 0.8 | 5 |
| 16 | Shape Recovery of Spherical Hydrogen-Bonded Multilayer Capsules after Osmotically Induced Deformation. <i>Langmuir</i> , 2019, 35, 10910-10919. | 1.6 | 10 |
| 17 | Temperature-Responsive Polymersomes of Poly(3-methyl- <i>N</i> -vinylcaprolactam)- <i>block</i> -poly(<i>N</i> -vinylpyrrolidone) To Decrease Doxorubicin-Induced Cardiotoxicity. <i>Biomacromolecules</i> , 2019, 20, 3989-4000. | 2.6 | 31 |
| 18 | Carbohydrate Sensing Using Water-Soluble Poly(methacrylic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (acid)- <i>co</i> -3-(Acrylamidolactam) Polymersomes for Controlled Delivery. <i>ACS Applied Polymer Materials</i> , 2019, 1, 1341-1349. | 2.0 | 18 |

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|----|---|-----|-----------|
| 19 | Effect of Temperature and Hydrophilic Ratio on the Structure of Poly(<i>N</i> -vinylcaprolactam)- <i>block</i> -poly(dimethylsiloxane)- <i>block</i> -poly(<i>N</i> -vinylcaprolactam) Polymersomes. ACS Applied Polymer Materials, 2019, 1, 722-736. | 2.0 | 15 |
| 20 | Manganoporphyrin-Polyphenol Multilayer Capsules as Radical and Reactive Oxygen Species (ROS) Scavengers. Chemistry of Materials, 2018, 30, 344-357. | 3.2 | 36 |
| 21 | Encapsulation and Ultrasound-Triggered Release of G-Quadruplex DNA in Multilayer Hydrogel Microcapsules. Polymers, 2018, 10, 1342. | 2.0 | 26 |
| 22 | Multilayer Hydrogel Capsules of Interpenetrated Network for Encapsulation of Small Molecules. Langmuir, 2018, 34, 11832-11842. | 1.6 | 22 |
| 23 | Peptide-Functionalized Hydrogel Cubes for Active Tumor Cell Targeting. Biomacromolecules, 2018, 19, 4084-4097. | 2.6 | 20 |
| 24 | Ultrasound-Triggered Delivery of Anticancer Therapeutics from MRI-Visible Multilayer Microcapsules. Advanced Therapeutics, 2018, 1, 1800051. | 1.6 | 30 |
| 25 | Islet encapsulation with polyphenol coatings decreases pro-inflammatory chemokine synthesis and T cell trafficking. Biomaterials, 2017, 128, 19-32. | 5.7 | 69 |
| 26 | Theranostic Multilayer Capsules for Ultrasound Imaging and Guided Drug Delivery. ACS Nano, 2017, 11, 3135-3146. | 7.3 | 88 |
| 27 | Highly efficient delivery of potent anticancer iminoquinone derivative by multilayer hydrogel cubes. Acta Biomaterialia, 2017, 58, 386-398. | 4.1 | 37 |
| 28 | Resolution Agonist 15-epi-Lipoxin A4 Programs Early Activation of Resolving Phase in Post-Myocardial Infarction Healing. Scientific Reports, 2017, 7, 9999. | 1.6 | 56 |
| 29 | Temperature-responsive nanogel multilayers of poly(<i>N</i> -vinylcaprolactam) for topical drug delivery. Journal of Colloid and Interface Science, 2017, 506, 589-602. | 5.0 | 67 |
| 30 | Small Angle Scattering for Pharmaceutical Applications: From Drugs to Drug Delivery Systems. Advances in Experimental Medicine and Biology, 2017, 1009, 239-262. | 0.8 | 7 |
| 31 | Polyphenolic Polymersomes of Temperature-Sensitive Poly(<i>N</i> -vinylcaprolactam)- <i>block</i> -Poly(<i>N</i> -vinylpyrrolidone) for Anticancer Therapy. Biomacromolecules, 2017, 18, 2552-2563. | 2.6 | 48 |
| 32 | Shaped stimuli-responsive hydrogel particles: syntheses, properties and biological responses. Journal of Materials Chemistry B, 2017, 5, 9-35. | 2.9 | 71 |
| 33 | Stratified Temperature-Responsive Multilayer Hydrogels of Poly(<i>N</i> -vinylpyrrolidone) and Poly(<i>N</i> -vinylcaprolactam): Effect of Hydrogel Architecture on Properties. Macromolecules, 2016, 49, 6953-6964. | 2.2 | 27 |
| 34 | Shape-Adaptable Polymeric Particles for Controlled Delivery. Macromolecules, 2016, 49, 8373-8386. | 2.2 | 48 |
| 35 | 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 |
| 36 | Cubical Shape Enhances the Interaction of Layer-by-Layer Polymeric Particles with Breast Cancer Cells. Advanced Healthcare Materials, 2015, 4, 2657-2666. | 3.9 | 60 |

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|----|--|-----|-----------|
| 37 | Intracellular Degradable Hydrogel Cubes and Spheres for Anti-Cancer Drug Delivery. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 13633-13644. | 4.0 | 72 |
| 38 | 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 |
| 39 | Temperature-Sensitive Polymersomes for Controlled Delivery of Anticancer Drugs. <i>Chemistry of Materials</i> , 2015, 27, 7945-7956. | 3.2 | 118 |
| 40 | 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 |
| 41 | Nanostructured highly-swollen hydrogels: Complexation with amino acids through copper (II) ions. <i>Polymer</i> , 2015, 74, 94-107. | 1.8 | 13 |
| 42 | Controlling Internal Organization of Multilayer Poly(methacrylic acid) Hydrogels with Polymer Molecular Weight. <i>Macromolecules</i> , 2015, 48, 8585-8593. | 2.2 | 18 |
| 43 | Hydrogen-Bonded Multilayers of Tannic Acid as Mediators of Cell Immunity. <i>Advanced Healthcare Materials</i> , 2015, 4, 686-694. | 3.9 | 86 |
| 44 | Temperature-responsive properties of poly(N-vinylcaprolactam) multilayer hydrogels in the presence of Hofmeister anions. <i>Materials Research Express</i> , 2014, 1, 035039. | 0.8 | 29 |
| 45 | Encapsulation of anticancer drug by hydrogen-bonded multilayers of tannic acid. <i>Soft Matter</i> , 2014, 10, 9237-9247. | 1.2 | 114 |
| 46 | 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 |
| 47 | Internalization of Red Blood Cell-Mimicking Hydrogel Capsules with pH-Triggered Shape Responses. <i>ACS Nano</i> , 2014, 8, 5725-5737. | 7.3 | 90 |
| 48 | Synthesis and self-assembly of thermosensitive double-hydrophilic poly(N-vinylcaprolactam)-poly(N-vinyl-2-pyrrolidone) diblock copolymers. <i>Journal of Polymer Science Part A</i> , 2014, 52, 2725-2737. | 2.5 | 46 |
| 49 | Highly swellable ultrathin poly(4-vinylpyridine) multilayer hydrogels with pH-triggered surface wettability. <i>Soft Matter</i> , 2013, 9, 9420. | 1.2 | 35 |
| 50 | Biocompatible Shaped Particles from Dried Multilayer Polymer Capsules. <i>Biomacromolecules</i> , 2013, 14, 3830-3841. | 2.6 | 88 |
| 51 | Tailoring Architecture of Nanothin Hydrogels: Effect of Layering on pH-Triggered Swelling. <i>ACS Macro Letters</i> , 2013, 2, 226-229. | 2.3 | 28 |
| 52 | pH-triggered shape response of cubical ultrathin hydrogel capsules. <i>Soft Matter</i> , 2012, 8, 9828. | 1.2 | 49 |
| 53 | Thermosensitive Multilayer Hydrogels of Poly(N-vinylcaprolactam) as Nanothin Films and Shaped Capsules. <i>Chemistry of Materials</i> , 2012, 24, 3707-3719. | 3.2 | 91 |
| 54 | 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 |

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|----|---|------|-----------|
| 55 | 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 |
| 56 | Localized entrapment of green fluorescent protein within nanostructured polymer films. <i>Soft Matter</i> , 2011, 7, 11453. | 1.2 | 9 |
| 57 | Hydrogen-bonded LbL shells for living cell surface engineering. <i>Soft Matter</i> , 2011, 7, 2364-2372. | 1.2 | 140 |
| 58 | Shape switching of hollow layer-by-layer hydrogel microcontainers. <i>Chemical Communications</i> , 2011, 47, 8352. | 2.2 | 55 |
| 59 | Anisotropic Micro- and Nano-Capsules. <i>Macromolecular Rapid Communications</i> , 2010, 31, 2041-2046. | 2.0 | 66 |
| 60 | 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 |
| 61 | Secondary structure of silaffin at interfaces and titania formation. <i>Journal of Materials Chemistry</i> , 2010, 20, 5242. | 6.7 | 30 |
| 62 | 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 |
| 63 | pH-responsive photoluminescent LbL hydrogels with confined quantum dots. <i>Soft Matter</i> , 2010, 6, 800-807. | 1.2 | 66 |
| 64 | Replication of anisotropic dispersed particulates and complex continuous templates. <i>Journal of Materials Chemistry</i> , 2010, 20, 6587. | 6.7 | 56 |
| 65 | Responsive microcapsule reactors based on hydrogen-bonded tannic acid layer-by-layer assemblies. <i>Soft Matter</i> , 2010, 6, 3596. | 1.2 | 243 |
| 66 | Layer-by-Layer Hydrogen-Bonded Polymer Films: From Fundamentals to Applications. <i>Advanced Materials</i> , 2009, 21, 3053-3065. | 11.1 | 377 |
| 67 | Spin-Assisted Layer-by-Layer Assembly: Variation of Stratification as Studied with Neutron Reflectivity. <i>Langmuir</i> , 2009, 25, 14017-14024. | 1.6 | 97 |
| 68 | Multilayer-derived, ultrathin, stimuli-responsive hydrogels. <i>Soft Matter</i> , 2009, 5, 4077. | 1.2 | 89 |
| 69 | HYDROGEN-BONDED LAYER-BY-LAYER POLYMER FILMS AND CAPSULES. , 2009, , 323-362. | | 2 |
| 70 | 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 |
| 71 | Tuning swelling pH and permeability of hydrogel multilayer capsules. <i>Soft Matter</i> , 2008, 4, 1499. | 1.2 | 57 |
| 72 | Hydrogen-Bonded Polymer Multilayers Probed by Neutron Reflectivity. <i>Langmuir</i> , 2008, 24, 11346-11349. | 1.6 | 66 |

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|----|---|-----|-----------|
| 73 | Amphoteric Hydrogel Capsules: Multiple Encapsulation and Release Routes. <i>Macromolecules</i> , 2006, 39, 6191-6199. | 2.2 | 66 |
| 74 | pH-Triggered softening of crosslinked hydrogen-bonded capsules. <i>Soft Matter</i> , 2006, 2, 966. | 1.2 | 85 |
| 75 | 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 |
| 76 | pH-Controlled Permeability of Layered Hydrogen-Bonded Polymer Capsules. <i>Macromolecules</i> , 2006, 39, 5569-5572. | 2.2 | 61 |
| 77 | 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 |
| 78 | Hydrogen-Bonded Multilayers of Thermoresponsive Polymers. <i>Macromolecules</i> , 2005, 38, 10523-10531. | 2.2 | 133 |
| 79 | Surface Priming and the Self-Assembly of Hydrogen-Bonded Multilayer Capsules and Films. <i>Macromolecules</i> , 2005, 38, 4828-4836. | 2.2 | 72 |
| 80 | 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 |
| 81 | Hydrogen-Bonded Polymer Capsules Formed by Layer-by-Layer Self-Assembly. <i>Macromolecules</i> , 2003, 36, 8590-8592. | 2.2 | 162 |