

Yukiya Kitayama

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73
papers

1,597
citations

24
h-index

36
g-index

80
ext. papers

1,873
ext. citations

5.6
avg, IF

5.1
L-index

#	Paper	IF	Citations
73	Interfacial photocrosslinking of polymer particles possessing nucleobase photoreactive groups for hollow/capsule polymer fabrication. <i>Polymer Chemistry</i> , 2022 , 13, 748-758	4.9	0
72	Fluorescent Signaling of Molecularly Imprinted Nanogels Prepared via Postimprinting Modifications for Specific Protein Detection. <i>Advanced NanoBiomed Research</i> , 2021 , 1, 2000079	0	3
71	Interfacial Photo-Cross-Linking: Simple but Powerful Approach for Fabricating Capsule Polymer Particles with Tunable pH-Responsive Controlled Release Capability. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 10359-10375	9.5	4
70	pH-Responsive Capsule Polymer Particles Prepared by Interfacial Photo-Cross-Linking: Effect of the Alkyl Chain Length of the pH-Responsive Monomer. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 34973-34983	9.5	2
69	pH-Sensitive branched Eglucan-modified liposomes for activation of antigen presenting cells and induction of antitumor immunity. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 7713-7724	7.3	2
68	Antibody-Conjugated Signaling Nanocavities Fabricated by Dynamic Molding for Detecting Cancers Using Small Extracellular Vesicle Markers from Tears. <i>Journal of the American Chemical Society</i> , 2020 , 142, 6617-6624	16.4	37
67	Cellular Interaction Regulation by Protein Corona Control of Molecularly Imprinted Polymer Nanogels Using Intrinsic Proteins. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 1465-1473	4.3	5
66	Molecularly imprinted polymer particles with gas-stimuli responsive affinity toward target proteins prepared using switchable functional monomer. <i>Polymer</i> , 2020 , 203, 122781	3.9	9
65	Signalling molecular recognition nanocavities with multiple functional groups prepared by molecular imprinting and sequential post-imprinting modifications for prostate cancer biomarker glycoprotein detection. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 7987-7993	7.3	13
64	Photodegradable Polymer Capsules Fabricated via Interfacial Photocross-linking of Spherical Polymer Particles. <i>ACS Applied Polymer Materials</i> , 2020 , 2, 3813-3820	4.3	4
63	Molecularly Imprinted Nanogels Possessing Dansylamide Interaction Sites for Controlling Protein Corona In Situ by Cloaking Intrinsic Human Serum Albumin. <i>Langmuir</i> , 2020 , 36, 10674-10682	4	2
62	Molecularly Imprinted Nanogels Capable of Porcine Serum Albumin Detection in Raw Meat Extract for Halal Food Control. <i>Analytical Chemistry</i> , 2020 , 92, 6401-6407	7.8	17
61	Highly Sensitive Fluoro-Immunosensing for Biomarker Detection Using an Automatic Pipette Tip-Type Biosensing System. <i>ACS Omega</i> , 2019 , 4, 1487-1493	3.9	9
60	The interfacial photoreaction: an efficient strategy to create functional polymer particles. <i>Polymer Journal</i> , 2019 , 51, 963-974	2.7	6
59	Orientationally Fabricated Zwitterionic Molecularly Imprinted Nanocavities for Highly Sensitive Glycoprotein Recognition. <i>Langmuir</i> , 2019 , 35, 1320-1326	4	24
58	Synthesis of Block Copolymer Particles by One-Pot, Two-Step Dispersion Reversible Chain Transfer Catalyzed Polymerization (Dispersion RTCP) in Supercritical Carbon Dioxide. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 21165-21170	3.9	2
57	Oriented Immobilization-based Molecular Imprinting for Constructing Nanocavities Capable of Precise Molecular Recognition. <i>Bunseki Kagaku</i> , 2019 , 68, 89-101	0.2	

56	Gold Nanoparticle-Incorporated Molecularly Imprinted Microgels as Radiation Sensitizers in Pancreatic Cancer.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 1177-1183	4.1	13
55	Partitioning effect of nitrogen catalyst into polymerizing particles on dispersion reversible chain transfer catalyzed polymerization (dispersion RTCP) of methyl methacrylate in supercritical carbon dioxide and organic solvents. <i>Journal of Polymer Science Part A</i> , 2019 , 57, 613-620	2.5	3
54	Post-Imprinting-Modified Molecularly Imprinted Nanocavities with Two Synergetic, Orthogonal, Glycoprotein-Binding Sites to Transduce Binding Events into Fluorescence Changes. <i>ChemNanoMat</i> , 2019 , 5, 224-229	3.5	12
53	A Pretreatment-Free, Polymer-Based Platform Prepared by Molecular Imprinting and Post-Imprinting Modifications for Sensing Intact Exosomes. <i>Angewandte Chemie - International Edition</i> , 2019 , 58, 1612-1615	16.4	56
52	Size-dependent uptake of electrically neutral amphipathic polymeric nanoparticles by cell-sized liposomes and an insight into their internalization mechanism in living cells. <i>Chemical Communications</i> , 2018 , 54, 4557-4560	5.8	8
51	Gas-stimuli-responsive molecularly imprinted polymer particles with switchable affinity for target protein. <i>Chemical Communications</i> , 2018 , 54, 2538-2541	5.8	19
50	Regulation of protein-binding activities of molecularly imprinted polymers via post-imprinting modifications to exchange functional groups within the imprinted cavity. <i>Journal of Molecular Recognition</i> , 2018 , 31, e2633	2.6	21
49	Synthesis of Micrometer-Size Poly(Methyl Methacrylate) Particles by Utilizing Microsuspension Iodine Transfer Polymerization (ms ITP): Kinetic Approach. <i>Macromolecular Theory and Simulations</i> , 2018 , 27, 1800029	1.5	3
48	Morphology control of shell-crosslinked polymer particles prepared by photo-induced shell-selective crosslinking approach via dispersed state control. <i>Journal of Colloid and Interface Science</i> , 2018 , 530, 88-97	9.3	8
47	Regioselective Molecularly Imprinted Reaction Field for [4 + 4] Photocyclodimerization of 2-Anthracenecarboxylic Acid. <i>Langmuir</i> , 2017 , 33, 2103-2108	4	4
46	Molecularly Imprinted Nanogels Acquire Stealth In Situ by Cloaking Themselves with Native Dysopsonic Proteins. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 7088-7092	16.4	89
45	Pipette tip biosensors for bacterial double-stranded DNA using bioluminescence induced by zinc finger luciferase. <i>Mikrochimica Acta</i> , 2017 , 184, 1595-1601	5.8	10
44	Post-Cross-Linked Molecular Imprinting with Functional Polymers as a Universal Building Block for Artificial Polymeric Receptors. <i>Macromolecules</i> , 2017 , 50, 7526-7534	5.5	15
43	Oriented, molecularly imprinted cavities with dual binding sites for highly sensitive and selective recognition of cortisol. <i>Royal Society Open Science</i> , 2017 , 4, 170300	3.3	16
42	Particle Nucleation in the Initial Stage of Emulsifier-Free, Emulsion Organotellurium-Mediated Living Radical Polymerization (Emulsion TERP) of Styrene: Kinetic Approach. <i>Macromolecular Theory and Simulations</i> , 2017 , 26, 1600046	1.5	2
41	Fabrication of Redox-Responsive Degradable Capsule Particles by a Shell-Selective Photoinduced Cross-Linking Approach from Spherical Polymer Particles. <i>Chemistry - A European Journal</i> , 2017 , 23, 12870-12875	4.8	10
40	A plasmonic chip-based bio/chemical hybrid sensing system for the highly sensitive detection of C-reactive protein. <i>Chemical Communications</i> , 2016 , 52, 3883-6	5.8	26
39	A synthetic route to ultra-high molecular weight polystyrene (>10 ⁶) with narrow molecular weight distribution by emulsifier-free, emulsion organotellurium-mediated living radical polymerization (emulsion TERP). <i>Polymer Chemistry</i> , 2016 , 7, 2573-2580	4.9	17

38	A molecularly imprinted nanocavity-based fluorescence polarization assay platform for cortisol sensing. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 1770-1777	7.3	27
37	Hydrophilic crosslinked-polymeric surface capable of effective suppression of protein adsorption. <i>Applied Surface Science</i> , 2016 , 378, 467-472	6.7	7
36	Efficient Pathway for Preparing Hollow Particles: Site-Specific Crosslinking of Spherical Polymer Particles with Photoresponsive Groups That Play a Dual Role in Shell Crosslinking and Core Shielding. <i>Langmuir</i> , 2016 , 32, 9245-53	4	14
35	A Programmable Signaling Molecular Recognition Nanocavity Prepared by Molecular Imprinting and Post-Imprinting Modifications. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 13023-13027	16.4	64
34	Synthesis of Monodispersed Submillimeter-Sized Molecularly Imprinted Particles Selective for Human Serum Albumin Using Inverse Suspension Polymerization in Water-in-Oil Emulsion Prepared Using Microfluidics. <i>Langmuir</i> , 2015 , 31, 4981-7	4	29
33	Dispersion Reversible Chain Transfer Catalyzed Polymerization (Dispersion RTCP) of Methyl Methacrylate in Supercritical Carbon Dioxide: Pushing the Limit of Selectivity of Chain Transfer Agent. <i>Macromolecules</i> , 2015 , 48, 2473-2479	5.5	8
32	Post-imprinting and In-Cavity Functionalization. <i>Advances in Biochemical Engineering/Biotechnology</i> , 2015 , 150, 95-106	1.7	15
31	Preparation of molecularly imprinted polymers for the recognition of proteins via the generation of peptide-fragment binding sites by semi-covalent imprinting and enzymatic digestion. <i>Analyst, The</i> , 2015 , 140, 1448-52	5	23
30	Synthesis of grafted phosphorylcholine polymer layers as specific recognition ligands for C-reactive protein focused on grafting density and thickness to achieve highly sensitive detection. <i>Physical Chemistry Chemical Physics</i> , 2015 , 17, 9951-8	3.6	19
29	Amphiphilic Polymerizable Porphyrins Conjugated to a Polyglycerol Dendron Moiety as Functional Surfactants for Multifunctional Polymer Particles. <i>Langmuir</i> , 2015 , 31, 12903-10	4	3
28	Molecularly imprinted protein recognition thin films constructed by controlled/living radical polymerization. <i>Journal of Bioscience and Bioengineering</i> , 2015 , 119, 200-5	3.3	30
27	Fluorescence Reporting of Binding Interactions of Target Molecules with Core/Shell-Type Cortisol-Imprinted Polymer Particles Using Environmentally Responsible Fluorescent-Labeled Cortisol. <i>Macromolecular Chemistry and Physics</i> , 2015 , 216, 1396-1404	2.6	12
26	Molecularly Imprinted Polymer Arrays as Synthetic Protein Chips Prepared by Transcription-type Molecular Imprinting by Use of Protein-Immobilized Dots as Stamps. <i>Analytical Chemistry</i> , 2015 , 87, 11784-91	7.8	34
25	Localized surface plasmon resonance nanosensing of C-reactive protein with poly(2-methacryloyloxyethyl phosphorylcholine)-grafted gold nanoparticles prepared by surface-initiated atom transfer radical polymerization. <i>Analytical Chemistry</i> , 2014 , 86, 5587-94	7.8	60
24	Emulsifier-free, organotellurium-mediated living radical emulsion polymerization (emulsion TERP) of styrene: poly(dimethylaminoethyl methacrylate) macro-TERP agent. <i>Polymer Chemistry</i> , 2014 , 5, 2784-2792	4.9	12
23	Precisely controlled molecular imprinting of glutathione-s-transferase by orientated template immobilization using specific interaction with an anchored ligand on a gold substrate. <i>Polymer Chemistry</i> , 2014 , 5, 4764-4771	4.9	46
22	Synthesis of CO ₂ /N ₂ -triggered reversible stability-controllable poly(2-(diethylamino)ethyl methacrylate)-grafted-AuNPs by surface-initiated atom transfer radical polymerization. <i>Langmuir</i> , 2014 , 30, 12684-9	4	13
21	Preparation of stimuli-responsive "mushroom-like" janus polymer particles as particulate surfactant by site-selective surface-initiated AGET ATRP in aqueous dispersed systems. <i>Langmuir</i> , 2014 , 30, 7823-32	4	71

20	Conjugated-protein mimics with molecularly imprinted reconstructible and transformable regions that are assembled using space-filling prosthetic groups. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 12765-70	16.4	54
19	Molecularly Imprinted Polymers for Catechin Recognition Prepared Using Dummy-Template Molecules. <i>Chromatography</i> , 2014 , 35, 139-145	1.2	3
18	Supraparticles comprised of molecularly imprinted nanoparticles and modified gold nanoparticles as a nanosensor platform. <i>RSC Advances</i> , 2013 , 3, 25306	3.7	23
17	Emulsifier-free, organotellurium-mediated living radical emulsion polymerization (emulsion TERP): Effect of monomer hydrophilicity. <i>Journal of Polymer Science Part A</i> , 2013 , 51, 716-723	2.5	12
16	Emulsifier-free, organotellurium-mediated living radical emulsion polymerization (emulsion TERP) of methyl methacrylate with dimethyl ditelluride as the catalyst. <i>Polymer Chemistry</i> , 2012 , 3, 1555	4.9	24
15	Preparation of block copolymer particles by two-step, reversible chain transfer catalyzed polymerization (RTCP) with nitrogen catalyst in miniemulsion systems. <i>Polymer Chemistry</i> , 2012 , 3, 1394	4.9	14
14	Iodine Transfer Polymerization (ITP with CHI ₃) and Reversible Chain Transfer Catalyzed Polymerization (RTCP with Nitrogen Catalyst) of Methyl Methacrylate in Aqueous Microsuspension Systems: Comparison with Bulk System. <i>Macromolecules</i> , 2012 , 45, 2286-2291	5.5	20
13	Experimental Evidence and Beneficial Use of Confined Space Effect in Nitroxide-Mediated Radical Microemulsion Polymerization (Microemulsion NMP) of n-Butyl Acrylate. <i>Macromolecules</i> , 2012 , 45, 7884-7889	5.5	11
12	Preparation of poly(n-butyl acrylate)-b-polystyrene particles by emulsifier-free, organotellurium-mediated living radical emulsion polymerization (emulsion TERP). <i>Journal of Polymer Science Part A</i> , 2012 , 50, 1991-1996	2.5	25
11	Effect of stirring rate on particle formation in emulsifier-free, organotellurium-mediated living radical emulsion polymerization (emulsion TERP) of styrene. <i>Polymer Journal</i> , 2012 , 44, 205-210	2.7	18
10	Nitroxide-Mediated Radical Polymerization in Microemulsion (Microemulsion NMP) of n-Butyl Acrylate. <i>Macromolecules</i> , 2011 , 44, 5599-5604	5.5	25
9	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Styrene: Effect of Stirring Rate. <i>Macromolecules</i> , 2011 , 44, 263-268	5.5	32
8	Emulsifier-free, organotellurium-mediated living radical emulsion polymerization of Styrene: Initial stage of polymerization. <i>Polymer</i> , 2011 , 52, 2729-2734	3.9	25
7	Preparation of micrometer-sized, onionlike multilayered block copolymer particles by two-step AGET ATRP in aqueous dispersed systems: effect of the second-step polymerization temperature. <i>Langmuir</i> , 2010 , 26, 7029-34	4	47
6	Preparation of "mushroom-like" Janus particles by site-selective surface-initiated atom transfer radical polymerization in aqueous dispersed systems. <i>Langmuir</i> , 2010 , 26, 7843-7	4	109
5	Reversible Chain Transfer Catalyzed Polymerization (RTCP) of Methyl Methacrylate with Nitrogen Catalyst in an Aqueous Microsuspension System. <i>Macromolecules</i> , 2010 , 43, 8703-8705	5.5	41
4	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Styrene: Polymerization Loci. <i>Macromolecules</i> , 2010 , 43, 7465-7471	5.5	36
3	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Styrene. <i>Macromolecular Symposia</i> , 2010 , 288, 25-32	0.8	27

2	Preparation of onion-like multilayered particles comprising mainly poly(iso-butyl methacrylate)-block-polystyrene by two-step AGET ATRP. <i>Polymer</i> , 2009 , 50, 3182-3187	3.9	27
1	Emulsifier-Free, Organotellurium-Mediated Living Radical Emulsion Polymerization of Butyl Acrylate. <i>Macromolecules</i> , 2009 , 42, 1979-1984	5.5	63