# Taka-Aki Asoh

List of Publications by Year
in descending order



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|---|---|---|---|
| 127 papers | 2,035 citations | 236612 25 h-index | 329751 37 g-index |
| 129 all docs | 129 docs citations | 129 times ranked | 2093 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Fabrication of Temperatureâ€Responsive Bending Hydrogels with a Nanostructured Gradient. Advanced Materials, 2008, 20, 2080-2083. | 11.1 | 167 |
| 2 | Photo-switchable control of pH-responsive actuators via pH jump reaction. Soft Matter, 2012, 8, 2844. | 1.2 | 116 |
| 3 | Electrophoretic adhesion of stimuli-responsive hydrogels. Chemical Communications, 2010, 46, 7793. | 2.2 | 53 |
| 4 | Rapid deswelling of semi-IPNs with nanosized tracts in response to pH and temperature. Journal of Controlled Release, 2006, 110, 387-394. | 4.8 | 50 |
| 5 | Rapid self-healable poly(ethylene glycol) hydrogels formed by selective metalâ€"phosphate interactions. Physical Chemistry Chemical Physics, 2013, 15, 10628. | 1.3 | 50 |
| 6 | Cellulose modified by citric acid reinforced polypropylene resin as fillers. Carbohydrate Polymers, 2020, 230, 115662. | 5.1 | 49 |
| 7 | Cellulose nanofiber reinforced starch membrane with high mechanical strength and durability in water. Carbohydrate Polymers, 2020, 238, 116203. | 5.1 | 47 |
| 8 | Anisotropic Conductive Hydrogels with High Water Content. ACS Applied Materials & Interfaces, 2020, 12, 27518-27525. | 4.0 | 46 |
| 9 | Fabrication of Surface-Modified Hydrogels with Polyion Complex for Controlled Release. Chemistry of Materials, 2010, 22, 2923-2929. | 3.2 | 44 |
| 10 | Ultrarapid Molecular Release from Poly(N-isopropylacrylamide) Hydrogels Perforated Using Silica Nanoparticle Networks. Macromolecular Chemistry and Physics, 2005, 206, 566-574. | 1.1 | 40 |
| 11 | Fabrication of Three-Dimensional Cell Constructs Using Temperature-Responsive Hydrogel. Tissue Engineering - Part A, 2010, 16, 2497-2504. | 1.6 | 37 |
| 12 | Rapid fabrication of reconstructible hydrogels by electrophoretic microbead adhesion. Chemical Communications, 2012, 48, 10019. | 2.2 | 36 |
| 13 | Electrophoretic adhesion of biodegradable hydrogels through the intermediary of oppositely charged polyelectrolytes. Soft Matter, 2012, 8, 1923-1927. | 1.2 | 36 |
| 14 | Removal of Cationic or Anionic Dyes from Water Using Ion Exchange Cellulose Monoliths as Adsorbents. Bulletin of the Chemical Society of Japan, 2019, 92, 1453-1461. | 2.0 | 36 |
| 15 | Fabrication of Selfâ€Healable Hydrogels through Solâ€"Gel Transition in Metalloâ€supramolecular Aqueous Solution by Aeration. Macromolecular Chemistry and Physics, 2013, 214, 2534-2539. | 1.1 | 35 |
| 16 | Controlled preparation of interconnected 3D hierarchical porous carbons from bacterial cellulose-based composite monoliths for supercapacitors. Nanoscale, 2020, 12, 15261-15274. | 2.8 | 29 |
| 17 | Facile preparation of degradable thermoresponsive polymers as biomaterials: Thermoresponsive polymers prepared by radical polymerization degrade to water-soluble oligomers. Polymer, 2017, 130, 68-73. | 1.8 | 28 |
| 18 | Hydrogel Adhesion with Wrinkle Formation by Spatial Control of Polymer Networks. Journal of Physical Chemistry B, 2016, 120, 5042-5046. | 1.2 | 27 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Surface modification of cellulose nanofiber using acid anhydride for poly(lactic acid) reinforcement. Materials Today Communications, 2019, 21, 100587. | 0.9 | 27 |
| 20 | Polymer Surface Oxidation by Light-Activated Chlorine Dioxide Radical for Metalâ€“Plastics Adhesion. ACS Applied Polymer Materials, 2019, 1, 3452-3458. | 2.0 | 27 |
| 21 | Citric Acid-Modified Cellulose-Based Tough and Self-Healable Composite Formed by Two Kinds of Noncovalent Bonding. ACS Applied Polymer Materials, 2020, 2, 2274-2283. | 2.0 | 27 |
| 22 | Anhydride-cured epoxy resin reinforcing with citric acid-modified cellulose. Polymer Degradation and Stability, 2020, 178, 109213. | 2.7 | 27 |
| 23 | Rapid and Precise Release from Nano-Tracted Poly(N-isopropylacrylamide) Hydrogels Containing Linear Poly(acrylic acid). Macromolecular Bioscience, 2006, 6, 959-965. | 2.1 | 26 |
| 24 | Facile Fabrication of Flexible Bacterial Cellulose/Silica Composite Aerogel for Oil/Water Separation. Bulletin of the Chemical Society of Japan, 2018, 91, 1138-1140. | 2.0 | 26 |
| 25 | Monolithic cellulose supported metal nanoparticles as green flow reactor with high catalytic efficiency. Carbohydrate Polymers, 2019, 214, 195-203. | 5.1 | 26 |
| 26 | Hydrogel logic gates using gradient semi-IPNs. Chemical Communications, 2009, , 3548. | 2.2 | 25 |
| 27 | Fabrication of thermoresponsive degradable hydrogel made by radical polymerization of 2-methylene-1,3-dioxepane: Unique thermal coacervation in hydrogel. Polymer, 2019, 179, 121633. | 1.8 | 22 |
| 28 | Cellulose modified by citric acid reinforced Poly(lactic acid) resin as fillers. Polymer Degradation and Stability, 2020, 175, 109118. | 2.7 | 22 |
| 29 | Composite hydrogels reinforced by cellulose-based supramolecular filler. Polymer Degradation and Stability, 2020, 177, 109157. | 2.7 | 22 |
| 30 | Facile preparation of multi-stimuli-responsive degradable hydrogels for protein loading and release. Journal of Controlled Release, 2021, 331, 1-6. | 4.8 | 22 |
| 31 | Sea cucumber mimicking bacterial cellulose composite hydrogel with ionic strength-sensitive mechanical adaptivity. Chemical Communications, 2018, 54, 11320-11323. | 2.2 | 21 |
| 32 | Cationic functionalization of cellulose monoliths using a urea-choline based deep eutectic solvent and their applications. Polymer Degradation and Stability, 2019, 160, 126-135. | 2.7 | 21 |
| 33 | A cellulose monolith supported metal/organic framework as a hierarchical porous material for a flow reaction. Chemical Communications, 2020, 56, 411-414. | 2.2 | 21 |
| 34 | Stabilization of electrophoretically adhered gel-interfaces to construct multi-layered hydrogels. RSC Advances, 2013, 3, 7947. | 1.7 | 19 |
| 35 | Enhancement of interfacial adhesion in immiscible polymer blend by using a graft copolymer synthesized from propargyl-terminated poly(3-hydroxybutyrate-co-3-hydroxyhexanoate). European Polymer Journal, 2020, 130, 109662. | 2.6 | 19 |
| 36 | Effect of starch retrogradation on wet strength and durability of cellulose nanofiber reinforced starch film. Polymer Degradation and Stability, 2020, 177, 109165. | 2.7 | 19 |

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|---|---|---|---|
| 37 | Synergistic effect of hemiacetal crosslinking and crystallinity on wet strength of cellulose nanofiber-reinforced starch films. Food Hydrocolloids, 2021, 120, 106956. | 5.6 | 19 |
| 38 | Novel polyion complex with interpenetrating polymer network of poly(acrylic acid) and partially protected poly(vinylamine) using N-vinylacetamide and N-vinylformamide. Polymer, 2009, 50, 3503-3507. | 1.8 | 18 |
| 39 | Fabrication of a reusable bifunctional biomimetic Ti<sup>4+</sup>-phosphorylated cellulose monolith with a coral-like structure for enrichment of phosphorylated and glycosylated peptides. Green Chemistry, 2021, 23, 7674-7684. | 4.6 | 18 |
| 40 | Effects of Acid-Anhydride-Modified Cellulose Nanofiber on Poly(Lactic Acid) Composite Films. Nanomaterials, 2021, 11, 753. | 1.9 | 18 |
| 41 | Stimuli-responsive composite hydrogels with three-dimensional stability prepared using oxidized cellulose nanofibers and chitosan. Carbohydrate Polymers, 2022, 278, 118907. | 5.1 | 18 |
| 42 | Effects of Syndiotacticity on the Dynamic and Static Phase Separation Properties of Poly(<i>N</i>-isopropylacrylamide) in Aqueous Solution. Journal of Physical Chemistry B, 2016, 120, 7724-7730. | 1.2 | 16 |
| 43 | Electrophoretic hydrogel adhesion for fabrication of three-dimensional materials. Polymer Journal, 2016, 48, 1095-1101. | 1.3 | 15 |
| 44 | Geometry Control of Wrinkle Structures Aligned on Hydrogel Surfaces. Langmuir, 2020, 36, 1467-1473. | 1.6 | 15 |
| 45 | Superfast flow reactor derived from the used cigarette filter for the degradation of pollutants in water. Journal of Hazardous Materials, 2020, 400, 123303. | 6.5 | 15 |
| 46 | Photooxidation of the ABS resin surface for electroless metal plating. Polymer, 2020, 200, 122592. | 1.8 | 15 |
| 47 | Surface-Functionalized Biodegradable Nanoparticles Consisting of Amphiphilic Graft Polymers Prepared by Radical Copolymerization of 2-Methylene-1,3-Dioxepane and Macromonomers. Langmuir, 2015, 31, 6879-6885. | 1.6 | 14 |
| 48 | Rapid Phase Separation in Aqueous Solution of Temperatureâ€Sensitive Poly(<i>N</i>,<i>N</i>â€diethylacrylamide). Macromolecular Chemistry and Physics, 2016, 217, 2576-2583. | 1.1 | 14 |
| 49 | Electrophoretic fabrication of an active and selective wrinkle surface on hydrogels. Chemical Communications, 2019, 55, 4170-4173. | 2.2 | 14 |
| 50 | Supramolecular Biocomposite Hydrogels Formed by Cellulose and Hostâ€“Guest Polymers Assisted by Calcium Ion Complexes. Biomacromolecules, 2020, 21, 3936-3944. | 2.6 | 14 |
| 51 | Dual roles of cellulose monolith in the continuous-flow generation and support of gold nanoparticles for green catalyst. Carbohydrate Polymers, 2020, 247, 116723. | 5.1 | 14 |
| 52 | Fabrication of Hybrid Capsules via CaCO<sub>3</sub> Crystallization on Degradable Coacervate Droplets. Langmuir, 2018, 34, 3981-3986. | 1.6 | 13 |
| 53 | Hydrogel Adhesion by Wrinkling Films. Macromolecular Rapid Communications, 2019, 40, e1900434. | 2.0 | 13 |
| 54 | Cellulose Nanofiber Composite Polymeric Materials with Reversible and Movable Cross-links and Evaluation of their Mechanical Properties. ACS Applied Polymer Materials, 2022, 4, 403-412. | 2.0 | 13 |

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| 55 | Thermoresponsive Nanospheres with a Regulated Diameter and Well-Defined Corona Layer. Langmuir, 2013, 29, 15770-15777. | 1.6 | 12 |
| 56 | Adhesion of poly(vinyl alcohol) hydrogels by the electrophoretic manipulation of phenylboronic acid copolymers. Journal of Materials Chemistry B, 2015, 3, 6740-6745. | 2.9 | 12 |
| 57 | Surface modification of polycarbonate using the light-activated chlorine dioxide radical. Applied Surface Science, 2020, 530, 147202. | 3.1 | 12 |
| 58 | Oligoether grafting on cellulose microfibers for dispersion in poly(propylene glycol) and fabrication of reinforced polyurethane composite. Composites Science and Technology, 2021, 202, 108595. | 3.8 | 12 |
| 59 | Optically Transparent and Toughened Poly(methyl methacrylate) Composite Films with Acylated Cellulose Nanofibers. ACS Omega, 2021, 6, 10752-10758. | 1.6 | 12 |
| 60 | Palladium nanoparticle loaded Î²-cyclodextrin monolith as a flow reactor for concentration enrichment and conversion of pollutants based on molecular recognition. Chemical Communications, 2020, 56, 14408-14411. | 2.2 | 12 |
| 61 | Freshwater-durable and marine-degradable cellulose nanofiber reinforced starch film. Cellulose, 2022, 29, 1667-1678. | 2.4 | 12 |
| 62 | Dynamics of the Phase Separation in a Thermoresponsive Polymer: Accelerated Phase Separation of Stereocontrolled Poly(N,N-diethylacrylamide) in Water. Langmuir, 2018, 34, 13690-13696. | 1.6 | 11 |
| 63 | Cyclodextrin cross-linked polymer monolith for efficient removal of environmental pollutants by flow-through method. Polymer Degradation and Stability, 2019, 160, 136-141. | 2.7 | 11 |
| 64 | Mechano-Responsive Hydrogels Driven by the Dissociation of a Hostâ€“Guest Complex. ACS Macro Letters, 2021, 10, 971-977. | 2.3 | 11 |
| 65 | Water-Driven Thermoresponsive Peptohelical Cushion. Macromolecules, 2006, 39, 2298-2305. | 2.2 | 10 |
| 66 | Alternating-current electrophoretic adhesion of biodegradable hydrogel utilizing intermediate polymers. Colloids and Surfaces B: Biointerfaces, 2014, 123, 742-746. | 2.5 | 10 |
| 67 | Preparation of a thermoresponsive polymer grafted polystyrene monolithic capillary for the separation of bioactive compounds. Colloids and Surfaces B: Biointerfaces, 2016, 147, 408-415. | 2.5 | 10 |
| 68 | Preparation of thermoresponsive nanoparticles exhibiting biomolecule recognition ability via atom transfer radical dispersion polymerization. Colloids and Surfaces B: Biointerfaces, 2019, 183, 110370. | 2.5 | 10 |
| 69 | Microanalysis of Single Poly(<i>N</i>-isopropylacrylamide) Droplet Produced by an Optical Tweezer in Water: Isotacticity Dependence of Growth and Chemical Structure of the Droplet. Journal of Physical Chemistry B, 2020, 124, 8454-8463. | 1.2 | 10 |
| 70 | Hierarchically porous TiO<sub>2</sub> monolith prepared using a cellulose monolith as a template. Materials Chemistry Frontiers, 2021, 5, 3877-3885. | 3.2 | 10 |
| 71 | Fabrication of chitin monoliths with controllable morphology by thermally induced phase separation of chemically modified chitin. Carbohydrate Polymers, 2022, 275, 118680. | 5.1 | 10 |
| 72 | Design of coreâ€“shell gel beads for timeâ€programmed protein release. Journal of Biomedical Materials Research - Part A, 2013, 101A, 1345-1352. | 2.1 | 9 |

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| 73 | Rapid uniaxial actuation of layered bacterial cellulose/poly(N-isopropylacrylamide) composite hydrogel with high mechanical strength. RSC Advances, 2018, 8, 12608-12613. | 1.7 | 9 |
| 74 | Size-Controlled Preparation of Gold Nanoparticles Deposited on Surface-Fibrillated Cellulose Obtained by Citric Acid Modification. ACS Omega, 2020, 5, 33206-33213. | 1.6 | 9 |
| 75 | Injectable poly(Î³-glutamic acid)-based biodegradable hydrogels with tunable gelation rate and mechanical strength. Journal of Materials Chemistry B, 2021, 9, 3584-3594. | 2.9 | 9 |
| 76 | Robust Dual-Biomimetic Titanium Dioxide-Cellulose Monolith for Enrichment of Phosphopeptides. ACS Biomaterials Science and Engineering, 2022, 8, 2676-2683. | 2.6 | 9 |
| 77 | Improvement of Interfacial Adhesion between Poly(3-hydroxybutyrate-<i>co</i>-3-hydroxyhexanoate) and Silica Particles. Industrial & Engineering Chemistry Research, 2020, 59, 13595-13602. | 1.8 | 8 |
| 78 | Dimensionally Stable and Mechanically Adaptive Polyelectrolyte Hydrogel. Macromolecular Rapid Communications, 2020, 41, e2000406. | 2.0 | 8 |
| 79 | Electrophoretic Adhesion of Conductive Hydrogels. Macromolecular Rapid Communications, 2020, 41, 2000169. | 2.0 | 8 |
| 80 | Osmotic squat actuation in stiffness adjustable bacterial cellulose composite hydrogels. Journal of Materials Chemistry B, 2020, 8, 2400-2409. | 2.9 | 8 |
| 81 | Porosityâ€Induced Improvement in KOH Activation of Chitin Nanofiberâ€Based Porous Carbon Leading to Ultrahigh Specific Capacitance. ChemSusChem, 2022, 15, . | 3.6 | 8 |
| 82 | Hierarchical silica monolith prepared using cellulose monolith as template. Polymer Degradation and Stability, 2020, 177, 109164. | 2.7 | 7 |
| 83 | Ultralight Bacterial Cellulose/Polypropylene-<i>graft</i>-Maleic Anhydride Composite Cryogel for Efficient Oil/Water Separation. Chemistry Letters, 2021, 50, 14-16. | 0.7 | 7 |
| 84 | Fused sphere carbon monoliths with honeycomb-like porosity from cellulose nanofibers for oil and water separation. RSC Advances, 2021, 11, 2202-2212. | 1.7 | 7 |
| 85 | Formation of Single Double-Layered Coacervate of Poly(<i>N,N</i>-diethylacrylamide) in Water by a Laser Tweezer. Langmuir, 2021, 37, 2874-2883. | 1.6 | 7 |
| 86 | Facile synthesis of a three-dimensional hydroxyapatite monolith for protein adsorption. Journal of Materials Chemistry B, 2021, 9, 9711-9719. | 2.9 | 7 |
| 87 | Redox-responsive minimized fragmentation of three-armed oligo(ethylene glycol) gels for protein release. Colloids and Surfaces B: Biointerfaces, 2016, 146, 343-351. | 2.5 | 6 |
| 88 | Hydrophobic and hydrophilic modification of hierarchically porous monolithic polyimide derivatives as functional liquid absorbers. Materials Advances, 2021, 2, 3560-3568. | 2.6 | 6 |
| 89 | Transformable coreâ€"corona nanoparticles: Simultaneous change of core morphology and corona wettability in response to temperature. Colloids and Surfaces B: Biointerfaces, 2014, 123, 75-81. | 2.5 | 5 |
| 90 | Fluorescent labeling and image analysis of cellulosic fillers in biocomposites: Effect of added compatibilizer and correlation with physical properties. Composites Science and Technology, 2020, 198, 108277. | 3.8 | 5 |

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| 91 | Fabrication of Inorganic Oxide Fiber Using a Cigarette Filter as a Template. ACS Omega, 2021, 6, 15374-15381. | 1.6 | 5 |
| 92 | Surface modification of poly(phenylene sulfide) using photoinitiated chlorine dioxide radical as an oxidant. Polymer Journal, 2021, 53, 1231-1239. | 1.3 | 5 |
| 93 | Facile Preparation of Hierarchically Porous Monolith with Optical Activity Based on Helical Substituted Polyacetylene via One-Step Synthesis for Enantioselective Crystallization. ACS Applied Materials & Interfaces, 2021, 13, 48020-48029. | 4.0 | 5 |
| 94 | Actuation of Hydrogel Architectures Prepared by Electrophoretic Adhesion of Thermoresponsive Microgels. Langmuir, 2022, 38, 5183-5187. | 1.6 | 5 |
| 95 | Design of Injectable Poly(Î³-glutamic acid)/Chondroitin Sulfate Hydrogels with Mineralization Ability. ACS Applied Bio Materials, 2022, 5, 1508-1518. | 2.3 | 5 |
| 96 | Demonstration of thermo-sensitive tetra-gel with implication for facile and versatile platform for a new class of smart gels. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 1000-1009. | 1.9 | 4 |
| 97 | Rapid hydrogel repair utilizing microgel architectures. Materials Chemistry Frontiers, 2017, 1, 1594-1599. | 3.2 | 4 |
| 98 | Facile Preparation of a Novel Transparent Composite Film Based on Bacterial Cellulose and Atactic Polypropylene. Bulletin of the Chemical Society of Japan, 2018, 91, 1537-1539. | 2.0 | 4 |
| 99 | Fabrication of compressible polyolefin monoliths and their applications. Journal of the Taiwan Institute of Chemical Engineers, 2019, 105, 166-170. | 2.7 | 4 |
| 100 | Facile fabrication of an elastics maleic anhydride-grafted polypropylene monolith for oil/water separation. Materials Today Communications, 2019, 21, 100654. | 0.9 | 4 |
| 101 | Facile Fabrication of a Flow Reactor from Natural Wood. Chemistry Letters, 2020, 49, 1232-1235. | 0.7 | 4 |
| 102 | Facile Preparation of Porous Low Density Polyethylene Monolith for Efficient Oil/Water Separation. Bulletin of the Chemical Society of Japan, 2022, 95, 978-980. | 2.0 | 4 |
| 103 | Interaction of bioactive compounds on capillary inner surfaces bearing a dense thermoresponsive polymer brush. Journal of Biomaterials Science, Polymer Edition, 2017, 28, 900-912. | 1.9 | 3 |
| 104 | Preparation of thermoâ€•and redoxâ€•responsive branched polymers composed of threeâ€•armed oligo(ethylene glycol). Journal of Polymer Science Part A, 2018, 56, 2623-2629. | 2.5 | 3 |
| 105 | Particle packing into loose networks for tough and sticky composite gels. Scientific Reports, 2020, 10, 17173. | 1.6 | 3 |
| 106 | Reinforcement of Microbial Thermoplastics by Grafting to Polystyrene with Propargyl-Terminated Poly(3-hydroxybutyrate-<i>co</i>-3-hydroxyhexanoate). ACS Applied Polymer Materials, 2020, 2, 3948-3956. | 2.0 | 3 |
| 107 | Efficient bacterial capture by amino-functionalized cellulose monolith. Journal of Porous Materials, 2021, 28, 1411-1419. | 1.3 | 3 |
| 108 | Surface oxidation of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) via photo-activated chlorine dioxide radical. Polymer Degradation and Stability, 2021, 191, 109661. | 2.7 | 3 |

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| 109 | Travelling Wave Generation of Wrinkles on the Hydrogel Surfaces. Macromolecular Rapid Communications, 2022, 43, e2100848. | 2.0 | 3 |
| 110 | Composite hydrogels of bacterial cellulose and an ethylene-vinyl alcohol copolymer with tunable morphological anisotropy and mechanical properties. Materials Advances, 2022, 3, 5138-5150. | 2.6 | 3 |
| 111 | Poly(vinyl alcohol)-based composite film with Ag-immobilized TEMPO-oxidized nano-tea cellulose for improving photocatalytic performance. Journal of Materials Science, 2021, 56, 12224-12237. | 1.7 | 2 |
| 112 | Thermoresponsive Hydrogels Reinforced with Supramolecular Cellulose Filler. Chemistry Letters, 2022, 51, 145-148. | 0.7 | 2 |
| 113 | Raman microspectroscopic study on an optically formed poly(N-isopropylacrylamide) rich microparticle: molecular weight dependence of a polymer concentration in the particle. , 2018, , . | | 1 |
| 114 | Facile Synthesis of Templated Activated Carbon from Cellulose Nanofibers and MgO Nanoparticles via Integrated Carbonization-activation Method as an Eco-friendly Supercapacitor. Electrochemistry, 2022, 90, 077004-077004. | 0.6 | 1 |
| 115 | Facile Fabrication of Hierarchically Porous Boronic Acid Group-Functionalized Monoliths With Optical Activity for Recognizing Glucose With Different Conformation. Frontiers in Chemistry, 0, 10, . | 1.8 | 1 |
| 116 | Degradation and drug release profile of degradable core-corona type particles under acidic condition for cancer treatment. Reactive and Functional Polymers, 2022, 177, 105321. | 2.0 | 1 |
| 117 | Back Cover: Macromol. Biosci. 11/2006. Macromolecular Bioscience, 2006, 6, 968-968. | 2.1 | 0 |
| 118 | Fabrication of Hydrogel Constructs by Electrophoretic Adhesion of Hydrogels. Kobunshi Ronbunshu, 2014, 71, 400-407. | 0.2 | 0 |
| 119 | Reversible Electrophoretic Adhesion of Hydrogels and Fabrication of Three-dimensional Materials. Nippon Gomu Kyokaishi, 2014, 87, 231-235. | 0.0 | 0 |
| 120 | Releasing property from surface polyion complex gel. Journal of Applied Polymer Science, 2015, 132, . | 1.3 | 0 |
| 121 | Macromol. Chem. Phys. 23/2016. Macromolecular Chemistry and Physics, 2016, 217, 2664-2664. | 1.1 | 0 |
| 122 | Stimuli-Responsive Adhesion for 3D Fabrication of Hydrogels. , 2017, , 255-267. | | 0 |
| 123 | Moleculeâ€Responsive Polymer Monolith as a Smart Gate Driven by Hostâ€“Guest Interaction with Morphology Restoration. Macromolecular Chemistry and Physics, 2021, 222, 2000392. | 1.1 | 0 |
| 124 | Citric acid functionalized cellulose monolith for continuousâ€flow removal of cationic dye in water. Nano Select, 0, , . | 1.9 | 0 |
| 125 | Thermophoresis-assisted optical trapping of pyrene-labeled hydrophilic polymer chains. , 2018, , . | | 0 |
| 126 | Surface Oxidation of Polymer 3D Porous Structures Using Chlorine Dioxide Radical Gas. ACS Applied Polymer Materials, 2020, 2, 4964-4972. | 2.0 | 0 |

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| 127 | rinkles Working at the Surface and Interface of the Gels. Membrane, 2022, 47, 130-136. | 0.0 | 0 |