# Jing Jin

List of Publications by Year
in descending order



| 58 | 1,366 | 331259 | 360668 |
|---|---|---|---|
| papers | citations | 21 h-index | 35 g-index |

| 58 | 58 | 58 | 2006 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Brittle-ductile transition of elastomer toughened HDPE: effect of elastomer modulus. Journal of Polymer Research, 2022, 29, . | 1.2 | 2 |
| 2 | Fastâ€Scanning Potentialâ€Gated Organic Electrochemical Transistors for Highly Sensitive Sensing of Dopamine in Living Rat Brain. Angewandte Chemie, 2022, 134, . | 1.6 | 8 |
| 3 | Microenvironment-responsive DNA-conjugated albumin nanocarriers for targeted therapy. Journal of Materials Chemistry B, 2021, 9, 8424-8436. | 2.9 | 4 |
| 4 | Self-Assembly of Polymeric Nanovesicles into Hierarchical Supervesicles and Its Application in Selectable Multicompartmental Encapsulation. Macromolecules, 2021, 54, 1905-1911. | 2.2 | 4 |
| 5 | A high-performance structural material based on maize straws and its biodegradable composites of poly (propylene carbonate). Cellulose, 2021, 28, 11381-11395. | 2.4 | 9 |
| 6 | A two-stage energy tuning strategy via salt and glycine programmed DNA-engineered crystals. Chemical Communications, 2021, 57, 13578-13581. | 2.2 | 0 |
| 7 | Preparation of chlorinated poly(propylene carbonate) and its effects on the mechanical properties of poly(propylene carbonate)/starch blends as a compatibilizer. Polymer Bulletin, 2020, 77, 1327-1342. | 1.7 | 5 |
| 8 | Electrochemically Probing Dynamics of Ascorbate during Cytotoxic Edema in Living Rat Brain. Journal of the American Chemical Society, 2020, 142, 19012-19016. | 6.6 | 43 |
| 9 | Galvanic Redox Potentiometry Based Microelectrode Array for Synchronous Ascorbate and Single-Unit Recordings in Rat Brain. Analytical Chemistry, 2020, 92, 10177-10182. | 3.2 | 30 |
| 10 | Enhancing the stability of single-stranded DNA on gold nanoparticles as molecular machines through salt and acid regulation. Journal of Materials Chemistry B, 2019, 7, 5554-5562. | 2.9 | 8 |
| 11 | Effect of end-grafted PEG conformation on the hemocompatibility of poly(styrene-b-(ethylene-co-butylene)-b-styrene). Journal of Biomaterials Science, Polymer Edition, 2019, 30, 1670-1685. | 1.9 | 10 |
| 12 | Mechanical and slow-released property of poly(acrylamide) hydrogel reinforced by diatomite. Materials Science and Engineering C, 2019, 99, 315-321. | 3.8 | 45 |
| 13 | Antifouling and Antibacterial Properties Constructed by Quaternary Ammonium and Benzyl Ester Derived from Lysine Methacrylamide. ACS Applied Materials & Interfaces, 2019, 11, 25556-25568. | 4.0 | 36 |
| 14 | Structural and Physicochemical Properties and Biocompatibility of Linear and Looped Polymer-Capped Gold Nanoparticles. Langmuir, 2019, 35, 8316-8324. | 1.6 | 13 |
| 15 | Fabrication of a polypropylene immunoassay platform by photografting reaction. Materials Science and Engineering C, 2019, 102, 492-501. | 3.8 | 3 |
| 16 | Effect of End-Grafted Polymer Conformation on Protein Resistance. Langmuir, 2018, 34, 2073-2080. | 1.6 | 24 |
| 17 | Surface modification of polyisobutylene via grafting amino acid-based poly (acryloyl-6-aminocaproic) Tj ETQq1 1 0.784314 rgBT /Over | 2.5 | 4 |
| 18 | A study of polyethylene glycol backfilling for enhancing target recognition using QCM-D and DPI. Journal of Materials Chemistry B, 2018, 6, 6217-6224. | 2.9 | 8 |

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|---|---|---|---|
| 19 | Structural Effects of Residual Groups of Graphene Oxide on Poly(Îµ-Caprolactone)/Graphene Oxide Nanocomposite. Crystals, 2018, 8, 270. | 1.0 | 9 |
| 20 | Modified surface by poly(ethylene glycol) with looped conformation and its superior anticoagulant property. Scientia Sinica Chimica, 2018, 48, 972-980. | 0.2 | 2 |
| 21 | Hydrogen bonding induced protein adsorption on polymer brushes: a Monte Carlo study. Journal of Materials Chemistry B, 2017, 5, 8479-8486. | 2.9 | 11 |
| 22 | Preparation of chlorinated poly(propylene carbonate) and its distinguished properties. Chinese Journal of Polymer Science (English Edition), 2017, 35, 1086-1096. | 2.0 | 6 |
| 23 | Capture and Release Erythrocyte from the Blood with Thermoresponsive and Coreâ€Sheath PCL/PNIPAAm Nanofibers. Advanced Materials Interfaces, 2016, 3, 1500652. | 1.9 | 9 |
| 24 | Capturing red blood cells from the blood by lectin recognition on a glycopolymer-patterned surface. Journal of Materials Chemistry B, 2016, 4, 4130-4137. | 2.9 | 13 |
| 25 | pH Dependence of Adsorbed Fibrinogen Conformation and Its Effect on Platelet Adhesion. Langmuir, 2016, 32, 4086-4094. | 1.6 | 22 |
| 26 | Effect of hydrophilicity of end-grafted polymers on protein adsorption behavior: A Monte Carlo study. Colloids and Surfaces B: Biointerfaces, 2016, 142, 38-45. | 2.5 | 12 |
| 27 | A smart coreâ€“sheath nanofiber that captures and releases red blood cells from the blood. Nanoscale, 2016, 8, 2022-2029. | 2.8 | 36 |
| 28 | Fabricating bio-inspired micro/nano-particles by polydopamine coating and surface interactions with blood platelets. Applied Surface Science, 2015, 351, 236-242. | 3.1 | 15 |
| 29 | Facile fabrication of microsphere-polymer brush hierarchically three-dimensional (3D) substrates for immunoassays. Chemical Communications, 2015, 51, 6749-6752. | 2.2 | 22 |
| 30 | Immobilization of nattokinase-loaded red blood cells on the surface of superhydrophobic polypropylene targeting fibrinolytic performance. Journal of Materials Chemistry B, 2015, 3, 3922-3926. | 2.9 | 11 |
| 31 | Hemocompatible, antioxidative and antibacterial polypropylene prepared by attaching silver nanoparticles capped with TPGS. Journal of Materials Chemistry B, 2015, 3, 8410-8420. | 2.9 | 14 |
| 32 | Effect of grafted PEG chain conformation on albumin and lysozyme adsorption: A combined study using QCM-D and DPI. Colloids and Surfaces B: Biointerfaces, 2015, 136, 838-844. | 2.5 | 36 |
| 33 | Bovine serum albumin bioconjugated graphene oxide: Red blood cell adhesion and hemolysis studied by QCM-D. Applied Surface Science, 2015, 356, 844-851. | 3.1 | 48 |
| 34 | Fabricating antigen recognition and anti-bioadhesion polymeric surface via a photografting polymerization strategy. Materials Science and Engineering C, 2014, 36, 57-64. | 3.8 | 6 |
| 35 | Functionalization and hemocompatibility of a styrenic thermoplastic elastomer based on its epoxidized precursor. Journal of Applied Polymer Science, 2014, 131, . | 1.3 | 2 |
| 36 | Immobilizing PEOâ€“PPOâ€“PEO triblock copolymers on hydrophobic surfaces and its effect on protein and platelet: A combined study using QCM-D and DPI. Colloids and Surfaces B: Biointerfaces, 2014, 123, 892-899. | 2.5 | 20 |

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|---|---|---|---|
| 37 | Surface modification of poly(propylene carbonate) by layer-by-layer assembly and its hemocompatibility. RSC Advances, 2014, 4, 38943-38950. | 1.7 | 7 |
| 38 | Enhanced biocompatibility of biostable poly(styrene-b-isobutylene-b-styrene) elastomer via poly(dopamine)-assisted chitosan/hyaluronic acid immobilization. RSC Advances, 2014, 4, 31481. | 1.7 | 19 |
| 39 | Study of fibrinogen adsorption on poly(ethylene glycol)-modified surfaces using a quartz crystal microbalance with dissipation and a dual polarization interferometry. RSC Advances, 2014, 4, 7716. | 1.7 | 33 |
| 40 | Improving hemocompatibility of polypropylene via surface-initiated atom transfer radical polymerization for covalently coupling BSA. RSC Advances, 2014, 4, 24842-24851. | 1.7 | 25 |
| 41 | Stimuli-Responsive Polypropylene for the Sustained Delivery of TPGS and Interaction with Erythrocytes. ACS Applied Materials & Interfaces, 2014, 6, 13956-13967. | 4.0 | 19 |
| 42 | Fabricating a Cycloolefin Polymer Immunoassay Platform with a Dual-Function Polymer Brush via a Surface-Initiated Photoiniferter-Mediated Polymerization Strategy. ACS Applied Materials & Interfaces, 2014, 6, 1971-1978. | 4.0 | 50 |
| 43 | Surface modification of cycloolefin polymer via surface-initiated photoiniferter-mediated polymerization for suppressing bioadhesion. RSC Advances, 2014, 4, 23528-23534. | 1.7 | 8 |
| 44 | Superhydrophobic coating of elastomer on different substrates using a liquid template to construct a biocompatible and antibacterial surface. Journal of Materials Chemistry B, 2014, 2, 7186-7191. | 2.9 | 30 |
| 45 | Surface modification of poly (styrene-b-(ethylene-co-butylene)-b-styrene) elastomer and its plasma protein adsorption by QCM-D. Applied Surface Science, 2014, 301, 300-306. | 3.1 | 13 |
| 46 | Aqueous-based immobilization of initiator and surface-initiated ATRP to construct hemocompatible surface of poly (styrene-b-(ethylene-co-butylene)-b-styrene) elastomer. Colloids and Surfaces B: Biointerfaces, 2013, 111, 333-341. | 2.5 | 22 |
| 47 | Surface functionalization of styrenic block copolymer elastomeric biomaterials with hyaluronic acid via a â€œgrafting toâ€•strategy. Colloids and Surfaces B: Biointerfaces, 2013, 112, 146-154. | 2.5 | 15 |
| 48 | Plasma Proteins Adsorption Mechanism on Polyethylene-Grafted Poly(ethylene glycol) Surface by Quartz Crystal Microbalance with Dissipation. Langmuir, 2013, 29, 6624-6633. | 1.6 | 60 |
| 49 | Functionalized polypropylene non-woven fabric membrane with bovine serum albumin and its hemocompatibility enhancement. Colloids and Surfaces B: Biointerfaces, 2013, 102, 45-52. | 2.5 | 58 |
| 50 | Improved biocompatibility of poly (styrene-b-(ethylene-co-butylene)-b-styrene) elastomer by a surface graft polymerization of hyaluronic acid. Colloids and Surfaces B: Biointerfaces, 2013, 102, 210-217. | 2.5 | 37 |
| 51 | Surface modification of poly(styrene-b-(ethylene-co-butylene)-b-styrene) elastomer via photo-initiated graft polymerization of poly(ethylene glycol). Applied Surface Science, 2012, 258, 2344-2349. | 3.1 | 26 |
| 52 | Fabrication of PP-g-PEGMA-g-heparin and its hemocompatibility: From protein adsorption to anticoagulant tendency. Applied Surface Science, 2012, 258, 5841-5849. | 3.1 | 50 |
| 53 | Melting grafting polypropylene with hydrophilic monomers for improving hemocompatibility. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2012, 407, 141-149. | 2.3 | 21 |
| 54 | Surface modification of poly(styrene-b-(ethylene-co-butylene)-b-styrene) elastomer via UV-induced graft polymerization of N-vinyl pyrrolidone. Colloids and Surfaces B: Biointerfaces, 2012, 93, 127-134. | 2.5 | 54 |

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|---|---|---|---|
| 55 | Improving hemocompatibility of styrene-b-(ethylene-co-butylene)-b-styrene elastomer via N-vinyl pyrrolidone-assisted grafting of poly(ethylene glycol) methacrylate. Polymer, 2012, 53, 1675-1683. | 1.8 | 32 |
| 56 | Synthesis of amphiphilic poly(cyclooctene)-graft-poly(ethylene glycol) copolymersviaROMP and its surface properties. Polymer Chemistry, 2011, 2, 679-684. | 1.9 | 16 |
| 57 | Biocompatibility of polypropylene non-woven fabric membrane via UV-induced graft polymerization of 2-acrylamido-2-methylpropane sulfonic acid. Applied Surface Science, 2011, 258, 425-430. | 3.1 | 39 |
| 58 | Improved biocompatibility and antifouling property of polypropylene non-woven fabric membrane by surface grafting zwitterionic polymer. Journal of Membrane Science, 2011, 369, 5-12. | 4.1 | 182 |