# En Tang Kang

List of Publications by Year
in descending order

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| | | 2565 | 7234 |
|---|---|---|---|
| 749 | 42,236 | 99 | 158 |
| papers | citations | h-index | g-index |

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|---|---|---|---|
| 762 | 762 | 762 | 38705 |
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Polymers as advanced antibacterial and antibiofilm agents for direct and combination therapies. Chemical Science, 2022, 13, 345-364. | 3.7 | 74 |
| 2 | Recent progress in tannic acid-driven antibacterial/antifouling surface coating strategies. Journal of Materials Chemistry B, 2022, 10, 2296-2315. | 2.9 | 46 |
| 3 | <scp>Polyurethaneâ€based</scp>composites with promising antibacterial properties. Journal of Applied Polymer Science, 2022, 139, . | 1.3 | 24 |
| 4 | Surface co-deposition of polypyrrole nanoparticles and tannic acid for photothermal bacterial eradication. Colloids and Surfaces B: Biointerfaces, 2022, 212, 112381. | 2.5 | 7 |
| 5 | Cationic porphyrin-based nanoparticles for photodynamic inactivation and identification of bacteria strains. Biomaterials Science, 2022, 10, 3006-3016. | 2.6 | 10 |
| 6 | Nontoxic Antimicrobial Cationic Peptide Nanoconstructs with Bacteria-Displaceable Polymeric Counteranions. Nano Letters, 2021, 21, 899-906. | 4.5 | 16 |
| 7 | Polymer-Based Coatings with Integrated Antifouling and Bactericidal Properties for Targeted Biomedical Applications. ACS Applied Polymer Materials, 2021, 3, 2233-2263. | 2.0 | 70 |
| 8 | UV-Assisted Deposition of Antibacterial Agâ€“Tannic Acid Nanocomposite Coating. ACS Applied Materials & Interfaces, 2021, 13, 20708-20717. | 4.0 | 45 |
| 9 | Mussel Adhesive Mimetic Silk Sericin Prepared by Enzymatic Oxidation for the Construction of Antibacterial Coatings. ACS Biomaterials Science and Engineering, 2021, 7, 3379-3388. | 2.6 | 11 |
| 10 | Mixed-charge pseudo-zwitterionic copolymer brush as broad spectrum antibiofilm coating. Biomaterials, 2021, 273, 120794. | 5.7 | 24 |
| 11 | High-Density Three-Dimensional Network of Covalently Linked Nitric Oxide Donors to Achieve Antibacterial and Antibiofilm Surfaces. ACS Applied Materials & Interfaces, 2021, 13, 33745-33755. | 4.0 | 12 |
| 12 | One-step self-assembly of biogenic Au NPs/PEG-based universal coatings for antifouling and photothermal killing of bacterial pathogens. Chemical Engineering Journal, 2021, 421, 130005. | 6.6 | 41 |
| 13 | Smart nanomicelles with bacterial infection-responsive disassembly for selective antimicrobial applications. Biomaterials Science, 2021, 9, 1627-1638. | 2.6 | 17 |
| 14 | pH-Sensitive Dextran-Based Micelles from Copper-Free Click Reaction for Antitumor Drug Delivery. Langmuir, 2021, 37, 12990-12999. | 1.6 | 7 |
| 15 | Antimicrobial Copper-Based Materials and Coatings: Potential Multifaceted Biomedical Applications. ACS Applied Materials & Interfaces, 2020, 12, 21159-21182. | 4.0 | 160 |
| 16 | Precisely Structured Nitric-Oxide-Releasing Copolymer Brush Defeats Broad-Spectrum Catheter-Associated Biofilm Infections In Vivo. ACS Central Science, 2020, 6, 2031-2045. | 5.3 | 41 |
| 17 | Potentiating anti-cancer chemotherapeutics and antimicrobials via sugar-mediated strategies. Molecular Systems Design and Engineering, 2020, 5, 772-791. | 1.7 | 12 |
| 18 | A Simple Drop-and-Dry Approach to Grass-Like Multifunctional Nanocoating on Flexible Cotton Fabrics Using In Situ-Generated Coating Solution Comprising Titanium-Oxo Clusters and Silver Nanoparticles. ACS Applied Materials & Interfaces, 2020, 12, 12093-12100. | 4.0 | 19 |

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|---|---|---|---|
| 19 | Switchable Antimicrobial and Antifouling Coatings from Tannic Acid-Scaffolded Binary Polymer Brushes. ACS Sustainable Chemistry and Engineering, 2020, 8, 2586-2595. | 3.2 | 41 |
| 20 | Two-stage thiol-based click reactions for the preparation and adhesion of hydrogels. Polymer Chemistry, 2020, 11, 2986-2994. | 1.9 | 6 |
| 21 | Receptor-Targeting Drug and Drug Carrier for Enhanced Killing Efficacy against Non-Muscle-Invasive Bladder Cancer. ACS Applied Bio Materials, 2019, 2, 3763-3773. | 2.3 | 2 |
| 22 | Antimicrobial Peptide-Reduced Gold Nanoclusters with Charge-Reversal Moieties for Bacterial Targeting and Imaging. Biomacromolecules, 2019, 20, 2922-2933. | 2.6 | 59 |
| 23 | Sugar-powered nanoantimicrobials for combating bacterial biofilms. Biomaterials Science, 2019, 7, 2961-2974. | 2.6 | 8 |
| 24 | Hydrothermal derived protoporphyrin IX nanoparticles for inactivation and imaging of bacteria strains. Journal of Colloid and Interface Science, 2019, 549, 72-79. | 5.0 | 23 |
| 25 | One-Step Anchoring of Tannic Acid-Scaffolded Bifunctional Coatings of Antifouling and Antimicrobial Polymer Brushes. ACS Sustainable Chemistry and Engineering, 2019, 7, 1786-1795. | 3.2 | 25 |
| 26 | Transparent Copper-Based Antibacterial Coatings with Enhanced Efficacy against Pseudomonas aeruginosa. ACS Applied Materials & Interfaces, 2019, 11, 73-83. | 4.0 | 36 |
| 27 | Chitosan-Based Peptidopolysaccharides as Cationic Antimicrobial Agents and Antibacterial Coatings. Biomacromolecules, 2018, 19, 2156-2165. | 2.6 | 108 |
| 28 | In Situ Selfâ€Assembled Polyoxotitanate Cages on Flexible Cellulosic Substrates: Multifunctional Coating for Hydrophobic, Antibacterial, and UVâ€Blocking Applications. Advanced Functional Materials, 2018, 28, 1800345. | 7.8 | 45 |
| 29 | Tailoring Polyelectrolyte Architecture To Promote Cell Growth and Inhibit Bacterial Adhesion. ACS Applied Materials & Interfaces, 2018, 10, 7882-7891. | 4.0 | 42 |
| 30 | Dextran- and Chitosan-Based Antifouling, Antimicrobial Adhesion, and Self-Polishing Multilayer Coatings from pH-Responsive Linkages-Enabled Layer-by-Layer Assembly. ACS Sustainable Chemistry and Engineering, 2018, 6, 3916-3926. | 3.2 | 65 |
| 31 | Dominant Albuminâ€“Surface Interactions under Independent Control of Surface Charge and Wettability. Langmuir, 2018, 34, 1953-1966. | 1.6 | 20 |
| 32 | Electrical stimulation of adiposeâ€derived mesenchymal stem cells and endothelial cells coâ€cultured in a conductive scaffold for potential orthopaedic applications. Journal of Tissue Engineering and Regenerative Medicine, 2018, 12, 878-889. | 1.3 | 48 |
| 33 | pH-Sensitive Zwitterionic Polymer as an Antimicrobial Agent with Effective Bacterial Targeting. ACS Biomaterials Science and Engineering, 2018, 4, 40-46. | 2.6 | 45 |
| 34 | pH-Sensitive Theranostic Nanoparticles for Targeting Bacteria with Fluorescence Imaging and Dual-Modal Antimicrobial Therapy. ACS Applied Nano Materials, 2018, 1, 6187-6196. | 2.4 | 27 |
| 35 | Natural polyphenols as versatile platforms for material engineering and surface functionalization. Progress in Polymer Science, 2018, 87, 165-196. | 11.8 | 225 |
| 36 | Biomimetic Anchors for Antifouling and Antibacterial Polymeric Coatings. ACS Symposium Series, 2018, , 233-261. | 0.5 | 1 |

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|---|---|---|---|
| 37 | Recent Developments in Controlled Release of Antibiotics. Current Pharmaceutical Design, 2018, 24, 911-925. | 0.9 | 12 |
| 38 | Surface modification strategies for combating catheter-related complications: recent advances and challenges. Journal of Materials Chemistry B, 2017, 5, 2045-2067. | 2.9 | 108 |
| 39 | Increasing bacterial affinity and cytocompatibility with four-arm star glycopolymers and antimicrobial Î±-polylysine. Polymer Chemistry, 2017, 8, 3364-3373. | 1.9 | 67 |
| 40 | Arginine-Based Polymer Brush Coatings with Hydrolysis-Triggered Switchable Functionalities from Antimicrobial (Cationic) to Antifouling (Zwitterionic). Langmuir, 2017, 33, 6925-6936. | 1.6 | 25 |
| 41 | Tea Stains-Inspired Antifouling Coatings Based on Tannic Acid-Functionalized Agarose. ACS Sustainable Chemistry and Engineering, 2017, 5, 3055-3062. | 3.2 | 37 |
| 42 | Thiol-ol Chemistry for Grafting of Natural Polymers to Form Highly Stable and Efficacious Antibacterial Coatings. ACS Applied Materials & Interfaces, 2017, 9, 1847-1857. | 4.0 | 44 |
| 43 | An antimicrobial peptide with an aggregation-induced emission (AIE) luminogen for studying bacterial membrane interactions and antibacterial actions. Chemical Communications, 2017, 53, 3315-3318. | 2.2 | 40 |
| 44 | In Vivo Anti-Biofilm and Anti-Bacterial Non-Leachable Coating Thermally Polymerized on Cylindrical Catheter. ACS Applied Materials & Interfaces, 2017, 9, 36269-36280. | 4.0 | 93 |
| 45 | Transparent Copper-Loaded Chitosan/Silica Antibacterial Coatings with Long-Term Efficacy. ACS Applied Materials & Interfaces, 2017, 9, 29515-29525. | 4.0 | 22 |
| 46 | Antifouling and Antimicrobial Coatings from Zwitterionic and Cationic Binary Polymer Brushes Assembled via â€œClickâ€•Reactions. Industrial & Engineering Chemistry Research, 2017, 56, 14479-14488. | 1.8 | 46 |
| 47 | Immobilization of alendronate on titanium via its different functional groups and the subsequent effects on cell functions. Journal of Colloid and Interface Science, 2017, 487, 1-11. | 5.0 | 22 |
| 48 | Biomimetic anchors applied to the host-guest antifouling functionalization of titanium substrates. Journal of Colloid and Interface Science, 2016, 475, 8-16. | 5.0 | 13 |
| 49 | Tailoring Soft Nanoparticles for Potential Application as Drug Carriers in Bladder Cancer Chemotherapy. ACS Symposium Series, 2016, , 167-195. | 0.5 | 1 |
| 50 | PEG-based hydrogels prepared by catalyst-free thiolâ€“yne addition and their post-antibacterial modification. Biomaterials Science, 2016, 4, 1663-1672. | 2.6 | 36 |
| 51 | Antifouling, Antimicrobial, and Antibiocorrosion Multilayer Coatings Assembled by Layer-by-layer Deposition Involving Hostâ€“Guest Interaction. Industrial & Engineering Chemistry Research, 2016, 55, 10906-10915. | 1.8 | 36 |
| 52 | Hairy Hybrid Nanorattles of Platinum Nanoclusters with Dual-Responsive Polymer Shells for Confined Nanocatalysis. Macromolecules, 2016, 49, 5649-5659. | 2.2 | 23 |
| 53 | Yolkâ€“Shell Nanocomposites of a Gold Nanocore Encapsulated in an Electroactive Polyaniline Shell for Catalytic Aerobic Oxidation. ACS Omega, 2016, 1, 160-167. | 1.6 | 12 |
| 54 | Scalable Aqueous-Based Process for Coating Polymer and Metal Substrates with Stable Quaternized Chitosan Antibacterial Coatings. Industrial & Engineering Chemistry Research, 2016, 55, 9603-9613. | 1.8 | 24 |

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| 55 | Conjugation of Polyphosphoester and Antimicrobial Peptide for Enhanced Bactericidal Activity and Biocompatibility. Biomacromolecules, 2016, 17, 4037-4044. | 2.6 | 43 |
| 56 | Thiol Reactive Maleimido-Containing Tannic Acid for the Bioinspired Surface Anchoring and Post-Functionalization of Antifouling Coatings. ACS Sustainable Chemistry and Engineering, 2016, 4, 4264-4272. | 3.2 | 39 |
| 57 | Sugar-Grafted Cyclodextrin Nanocarrier as a â€œTrojan Horseâ€•for Potentiating Antibiotic Activity. Pharmaceutical Research, 2016, 33, 1161-1174. | 1.7 | 19 |
| 58 | Antifouling coatings based on covalently cross-linked agarose film via thermal azide-alkyne cycloaddition. Colloids and Surfaces B: Biointerfaces, 2016, 141, 65-73. | 2.5 | 15 |
| 59 | Antifouling Coatings via Tethering of Hyperbranched Polyglycerols on Biomimetic Anchors. Industrial & Engineering Chemistry Research, 2016, 55, 1890-1901. | 1.8 | 42 |
| 60 | Tannic acid anchored layer-by-layer covalent deposition of parasin I peptide for antifouling and antimicrobial coatings. RSC Advances, 2016, 6, 14809-14818. | 1.7 | 53 |
| 61 | Co-delivery of peptide-modified cisplatin and doxorubicin via mucoadhesive nanocapsules for potential synergistic intravesical chemotherapy of non-muscle-invasive bladder cancer. European Journal of Pharmaceutical Sciences, 2016, 84, 103-115. | 1.9 | 29 |
| 62 | Bifunctional coating based on carboxymethyl chitosan with stable conjugated alkaline phosphatase for inhibiting bacterial adhesion and promoting osteogenic differentiation on titanium. Applied Surface Science, 2016, 360, 86-97. | 3.1 | 22 |
| 63 | Electrical stimulation of adipose-derived mesenchymal stem cells in conductive scaffolds and the roles of voltage-gated ion channels. Acta Biomaterialia, 2016, 32, 46-56. | 4.1 | 140 |
| 64 | Synthesis of catechol and zwitterion-bifunctionalized poly(ethylene glycol) for the construction of antifouling surfaces. Polymer Chemistry, 2016, 7, 493-501. | 1.9 | 68 |
| 65 | Polymer Surfaces: Grafting. , 2015, , 5839-5858. | | 0 |
| 66 | PEGylated Fluorescent Nanoparticles from One-Pot Atom Transfer Radical Polymerization and â€œClick Chemistryâ€• Polymers, 2015, 7, 2119-2130. | 2.0 | 5 |
| 67 | Tea Stains-Inspired Initiator Primer for Surface Grafting of Antifouling and Antimicrobial Polymer Brush Coatings. Biomacromolecules, 2015, 16, 723-732. | 2.6 | 122 |
| 68 | Quaternized poly(2-(dimethylamino)ethyl methacrylate)-grafted agarose copolymers for multipurpose antibacterial applications. RSC Advances, 2015, 5, 61742-61751. | 1.7 | 20 |
| 69 | Antifouling Coatings of Catecholamine Copolymers on Stainless Steel. Industrial & Engineering Chemistry Research, 2015, 54, 5959-5967. | 1.8 | 25 |
| 70 | Mucoadhesive polyacrylamide nanogel as a potential hydrophobic drug carrier for intravesical bladder cancer therapy. European Journal of Pharmaceutical Sciences, 2015, 72, 57-68. | 1.9 | 49 |
| 71 | Antifouling and antibacterial hydrogel coatings with self-healing properties based on a dynamic disulfide exchange reaction. Polymer Chemistry, 2015, 6, 7027-7035. | 1.9 | 131 |
| 72 | PEGylated Metalloporphyrin Nanoparticles as a Promising Catalyst for the Heterogeneous Oxidation of Cyclohexene in Water. Macromolecular Chemistry and Physics, 2015, 216, 417-426. | 1.1 | 6 |

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| 73 | Antifouling coating with controllable and sustained silver release for longâ€term inhibition of infection and encrustation in urinary catheters. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2015, 103, 519-528. | 1.6 | 90 |
| 74 | Integration of antifouling and bactericidal moieties for optimizing the efficacy of antibacterial coatings. Journal of Colloid and Interface Science, 2015, 438, 138-148. | 5.0 | 47 |
| 75 | CHAPTER 1. Organic Electronic Memory Devices. RSC Polymer Chemistry Series, 2015, , 1-53. | 0.1 | 5 |
| 76 | Hairy fluorescent nanoparticles from oneâ€pot click chemistry and atom transfer radical emulsion polymerization. Polymer International, 2014, 63, 237-243. | 1.6 | 5 |
| 77 | Resistance-Switchable Graphene Oxide-Polymer Nanocomposites for Molecular Electronics. ChemElectroChem, 2014, 1, 514-519. | 1.7 | 21 |
| 78 | Effect of adhesive ligand on cell deadhesion kinetics on poly(N-isopropylacrylamide). Bio-Medical Materials and Engineering, 2014, 24, 1433-1445. | 0.4 | 0 |
| 79 | Enhanced endothelial differentiation of adipose-derived stem cells by substrate nanotopography. Journal of Tissue Engineering and Regenerative Medicine, 2014, 8, 50-58. | 1.3 | 41 |
| 80 | Preparation and Unique Electrical Behaviors of Monodispersed Hybrid Nanorattles of Metal Nanocores with Hairy Electroactive Polymer Shells. Chemistry - A European Journal, 2014, 20, 2723-2731. | 1.7 | 13 |
| 81 | Resistance-Switchable Graphene Oxide-Polymer Nanocomposites for Molecular Electronics. ChemElectroChem, 2014, 1, 478-478. | 1.7 | 0 |
| 82 | Polymer brush coatings for combating marine biofouling. Progress in Polymer Science, 2014, 39, 1017-1042. | 11.8 | 401 |
| 83 | Surface Modification of Silicone with Covalently Immobilized and Crosslinked Agarose for Potential Application in the Inhibition of Infection and Omental Wrapping. Advanced Functional Materials, 2014, 24, 1631-1643. | 7.8 | 65 |
| 84 | A solution-processable polymer-grafted graphene oxide derivative for nonvolatile rewritable memory. Polymer Chemistry, 2014, 5, 2010-2017. | 1.9 | 36 |
| 85 | Layer-by-layer deposition of antifouling coatings on stainless steel via catechol-amine reaction. RSC Advances, 2014, 4, 32335-32344. | 1.7 | 36 |
| 86 | Photoinduced anchoring and micropatterning of macroinitiators on polyurethane surfaces for graft polymerization of antifouling brush coatings. Journal of Materials Chemistry B, 2014, 2, 398-408. | 2.9 | 31 |
| 87 | Yolkâ€“shell nanorattles encapsulating a movable Au nanocore in electroactive polyaniline shells for flexible memory device. Journal of Materials Chemistry C, 2014, 2, 5189. | 2.7 | 24 |
| 88 | Hyperbranched polycaprolactone-click-poly(N-vinylcaprolactam) amphiphilic copolymers and their applications as temperature-responsive membranes. Journal of Materials Chemistry B, 2014, 2, 814-825. | 2.9 | 31 |
| 89 | A well-defined amphiphilic polymer co-network from precise control of the end-functional groups of linear RAFT polymers. RSC Advances, 2014, 4, 8144. | 1.7 | 26 |
| 90 | Functionalized Mesoporous Silica Nanoparticles with Mucoadhesive and Sustained Drug Release Properties for Potential Bladder Cancer Therapy. Langmuir, 2014, 30, 6151-6161. | 1.6 | 101 |

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|---|---|---|---|
| 91 | Catecholamine-Induced Electroless Metallization of Silver on Silica@Polymer Hybrid Nanospheres and Their Catalytic Applications. Industrial & Engineering Chemistry Research, 2014, 53, 3116-3124. | 1.8 | 24 |
| 92 | Mechanistic insights into response of Staphylococcus aureus to bioelectric effect on polypyrrole/chitosan film. Biomaterials, 2014, 35, 7690-7698. | 5.7 | 39 |
| 93 | Bacterial and osteoblast behavior on titanium, cobaltâ€“chromium alloy and stainless steel treated with alkali and heat: A comparative study for potential orthopedic applications. Journal of Colloid and Interface Science, 2014, 417, 410-419. | 5.0 | 36 |
| 94 | In vitro endothelialization of cobalt chromium alloys with micro/nanostructures using adipose-derived stem cells. Journal of Materials Science: Materials in Medicine, 2013, 24, 1067-1077. | 1.7 | 6 |
| 95 | One-pot reaction for the large-scale synthesis of hyperbranched polyglycerol-grafted Fe3O4 nanoparticles. Dalton Transactions, 2013, 42, 13642. | 1.6 | 7 |
| 96 | AnIn VitroAssessment of Fibroblast and Osteoblast Response to Alendronate-Modified Titanium and the Potential for Decreasing Fibrous Encapsulation. Tissue Engineering - Part A, 2013, 19, 1919-1930. | 1.6 | 20 |
| 97 | Enhancing bioactivity of chitosan film for osteogenesis and wound healing by covalent immobilization of BMP-2 or FGF-2. Journal of Biomaterials Science, Polymer Edition, 2013, 24, 645-662. | 1.9 | 40 |
| 98 | Rhodamine derivative-modified filter papers for colorimetric and fluorescent detection of Hg2+ in aqueous media. Journal of Materials Chemistry A, 2013, 1, 2526. | 5.2 | 54 |
| 99 | A poly(vinylidene fluoride)-graft-poly(dopamine acrylamide) copolymer for surface functionalizable membranes. RSC Advances, 2013, 3, 25204. | 1.7 | 30 |
| 100 | CO<sub>2</sub>-triggered fluorescence â€œturn-onâ€•response of perylene diimide-containing poly(N,N-dimethylaminoethyl methacrylate). Journal of Materials Chemistry A, 2013, 1, 1207-1212. | 5.2 | 44 |
| 101 | Polyacrylamide hybrid nanogels for targeted cancer chemotherapy via co-delivery of gold nanoparticles and MTX. Journal of Colloid and Interface Science, 2013, 412, 46-55. | 5.0 | 43 |
| 102 | Assessment of stability of surface anchors for antibacterial coatings and immobilized growth factors on titanium. Journal of Colloid and Interface Science, 2013, 406, 238-246. | 5.0 | 34 |
| 103 | Stainless steel surfaces with thiol-terminated hyperbranched polymers for functionalization via thiol-based chemistry. Polymer Chemistry, 2013, 4, 3105. | 1.9 | 95 |
| 104 | Methotrexate-conjugated and hyperbranched polyglycerol-grafted Fe3O4 magnetic nanoparticles for targeted anticancer effects. European Journal of Pharmaceutical Sciences, 2013, 48, 111-120. | 1.9 | 61 |
| 105 | Anti-adhesive and Antibacterial Polymer Brushes. , 2013, , 405-432. | | 4 |
| 106 | In Situ Synthesis and Nonvolatile Rewritableâ€Memory Effect of Polyanilineâ€Functionalized Graphene Oxide. Chemistry - A European Journal, 2013, 19, 6265-6273. | 1.7 | 55 |
| 107 | Cyclodextrin-functionalized graphene nanosheets, and their host-guest polymer nanohybrids. Polymer, 2013, 54, 2264-2271. | 1.8 | 30 |
| 108 | Combined effects of direct current stimulation and immobilized BMPâ€2 for enhancement of osteogenesis. Biotechnology and Bioengineering, 2013, 110, 1466-1475. | 1.7 | 47 |

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|---|---|---|---|
| 109 | Barnacle Cement as Surface Anchor for â€œClickingâ€•of Antifouling and Antimicrobial Polymer Brushes on Stainless Steel. Biomacromolecules, 2013, 14, 2041-2051. | 2.6 | 94 |
| 110 | Surface-functionalizable membranes of polycaprolactone-click-hyperbranched polyglycerol copolymers from combined atom transfer radical polymerization, ring-opening polymerization and click chemistry. Journal of Materials Chemistry B, 2013, 1, 1304. | 2.9 | 34 |
| 111 | Reactive Graphene Oxide Nanosheets: A Versatile Platform for the Fabrication of Graphene Oxideâ€“Biomolecule/Polymer Nanohybrids. Macromolecular Rapid Communications, 2013, 34, 234-238. | 2.0 | 22 |
| 112 | Poly(vinylidene fluoride-co-hexafluoropropylene)-graft-poly(dopamine methacrylamide) copolymers: A nonlinear dielectric material for high energy density storage. Applied Physics Letters, 2013, 103, . | 1.5 | 31 |
| 113 | Functional polymer brushes via surface-initiated atom transfer radical graft polymerization for combating marine biofouling. Biofouling, 2012, 28, 895-912. | 0.8 | 59 |
| 114 | Polymeric Nanoparticles with Encapsulated Superparamagnetic Iron Oxide and Conjugated Cisplatin for Potential Bladder Cancer Therapy. Biomacromolecules, 2012, 13, 2513-2520. | 2.6 | 79 |
| 115 | Combined ATRP and â€˜Clickâ€™ Chemistry for Designing Stable Tumor-Targeting Superparamagnetic Iron Oxide Nanoparticles. Langmuir, 2012, 28, 563-571. | 1.6 | 45 |
| 116 | Surface Modification of Silicone for Biomedical Applications Requiring Long-Term Antibacterial, Antifouling, and Hemocompatible Properties. Langmuir, 2012, 28, 16408-16422. | 1.6 | 139 |
| 117 | Layer-by-Layer Click Deposition of Functional Polymer Coatings for Combating Marine Biofouling. Biomacromolecules, 2012, 13, 2769-2780. | 2.6 | 98 |
| 118 | Synthesis and memory performance of a conjugated polymer with an integrated fluorene, carbazole and oxadiazole backbone. Polymer Journal, 2012, 44, 257-263. | 1.3 | 9 |
| 119 | Surface-Functionalized and Surface-Functionalizable Poly(vinylidene fluoride) Membranes via Controlled/Living Radical Polymerization and Click Chemistry. ACS Symposium Series, 2012, , 211-229. | 0.5 | 2 |
| 120 | Poly(dopamine acrylamide)-co-poly(propargyl acrylamide)-modified titanium surfaces for â€˜clickâ€™ functionalization. Polymer Chemistry, 2012, 3, 920. | 1.9 | 54 |
| 121 | Poly(vinylidene fluoride) Membranes with Hyperbranched Antifouling and Antibacterial Polymer Brushes. Industrial & Engineering Chemistry Research, 2012, 51, 15962-15973. | 1.8 | 49 |
| 122 | Carboxymethyl Chitosan-Functionalized Magnetic Nanoparticles for Disruption of Biofilms of Staphylococcus aureus and Escherichia coli. Industrial & Engineering Chemistry Research, 2012, 51, 13164-13172. | 1.8 | 33 |
| 123 | Immobilization strategy for optimizing VEGF's concurrent bioactivity towards endothelial cells and osteoblasts on implant surfaces. Biomaterials, 2012, 33, 8082-8093. | 5.7 | 52 |
| 124 | Preparation of jellyfish-shaped amphiphilic block-graft copolymers consisting of a poly(Îµ-caprolactone)-block-poly(pentafluorostyrene) ring and poly(ethylene glycol) lateral brushes. Polymer Chemistry, 2012, 3, 1061. | 1.9 | 39 |
| 125 | Fluorescent nanoparticles from self-assembly of Î²-cyclodextrin-functionalized fluorene copolymers for organic molecule sensing and cell labeling. Polymer Chemistry, 2012, 3, 2444. | 1.9 | 20 |
| 126 | Preparation of stimuli responsive polycaprolactone membranes of controllable porous morphology via combined atom transfer radical polymerization, ring-opening polymerization and thiolâ€“yne click chemistry. Journal of Materials Chemistry, 2012, 22, 16248. | 6.7 | 51 |

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|---|---|---|---|
| 127 | Surface modification of magnetic nanoparticles for stem celllabeling. Soft Matter, 2012, 8, 2057-2069. | 1.2 | 43 |
| 128 | Pushâ€“Pull archetype of reduced graphene oxide functionalized with polyfluorene for nonvolatile rewritable memory. Journal of Polymer Science Part A, 2012, 50, 378-387. | 2.5 | 71 |
| 129 | Affinity analysis of DNA aptamerâ€“peptide interactions using gold nanoparticles. Analytical Biochemistry, 2012, 421, 725-731. | 1.1 | 42 |
| 130 | Designer Tridentate Mucin 1 Aptamer for Targeted Drug Delivery. Journal of Pharmaceutical Sciences, 2012, 101, 1672-1677. | 1.6 | 15 |
| 131 | Preparation of Fluorescent Organometallic Porphyrin Complex Nanogels of Controlled Molecular Structure via Reverseâ€Emulsion Click Chemistry. Macromolecular Rapid Communications, 2012, 33, 1523-1527. | 2.0 | 24 |
| 132 | Preparation of stimuli-responsive hydrogel networks with threaded Î²-cyclodextrin end-capped chains via combination of controlled radical polymerization and click chemistry. Soft Matter, 2012, 8, 5612. | 1.2 | 33 |
| 133 | Electrical Bistability and WORM Memory Effects in Donorâ€“Acceptor Polymers Based on Poly(Nâ€vinylcarbazole). ChemPlusChem, 2012, 77, 74-81. | 1.3 | 37 |
| 134 | Graphene and its derivatives: switching ON and OFF. Chemical Society Reviews, 2012, 41, 4688. | 18.7 | 257 |
| 135 | Hydroxyapatite-coated carboxymethyl chitosan scaffolds for promoting osteoblast and stem cell differentiation. Journal of Colloid and Interface Science, 2012, 366, 224-232. | 5.0 | 97 |
| 136 | Balancing osteoblast functions and bacterial adhesion on functionalized titanium surfaces. Biomaterials, 2012, 33, 2813-2822. | 5.7 | 296 |
| 137 | Inhibition of escherichia coli and proteus mirabilis adhesion and biofilm formation on medical grade silicone surface. Biotechnology and Bioengineering, 2012, 109, 336-345. | 1.7 | 131 |
| 138 | Water-soluble highly fluorescent poly[poly(ethylene glycol) methyl ether methacrylate] for cell labeling. Journal of Materials Chemistry, 2011, 21, 6502. | 6.7 | 27 |
| 139 | Electrical conductivity switching and memory effects in poly(N-vinylcarbazole) derivatives with pendant azobenzene chromophores and terminal electron acceptor moieties. Journal of Materials Chemistry, 2011, 21, 6027. | 6.7 | 81 |
| 140 | Surface modified superparamagnetic iron oxide nanoparticles (SPIONs) for high efficiency folate-receptor targeting with low uptake by macrophages. Journal of Materials Chemistry, 2011, 21, 16094. | 6.7 | 29 |
| 141 | Clickable poly(ester amine) dendrimer-grafted Fe3O4 nanoparticles prepared via successive Michael addition and alkyneâ€“azide click chemistry. Polymer Chemistry, 2011, 2, 1312. | 1.9 | 25 |
| 142 | Hybrid nanorattles of metal core and stimuli-responsive polymer shell for confined catalytic reactions. Polymer Chemistry, 2011, 2, 1368. | 1.9 | 66 |
| 143 | Lysozyme-Coupled Poly(poly(ethylene glycol) methacrylate)â^'Stainless Steel Hybrids and Their Antifouling and Antibacterial Surfaces. Langmuir, 2011, 27, 2761-2774. | 1.6 | 197 |
| 144 | Functional poly(vinylidene fluoride) copolymer membranes via surface-initiated thiolâ€“ene click reactions. Polymer Chemistry, 2011, 2, 1849. | 1.9 | 51 |

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|---|---|---|---|
| 145 | Hairy Hybrid Microrattles of Metal Nanocore with Functional Polymer Shell and Brushes. Macromolecules, 2011, 44, 2365-2370. | 2.2 | 45 |
| 146 | Functionalization of inorganic nanoparticles with polymers for stealth biomedical applications. Polymer Chemistry, 2011, 2, 747-759. | 1.9 | 83 |
| 147 | Biomimetic Anchors for Antifouling and Antibacterial Polymer Brushes on Stainless Steel. Langmuir, 2011, 27, 7065-7076. | 1.6 | 184 |
| 148 | Surface-Functionalized and Surface-Functionalizable Poly(vinylidene fluoride) Graft Copolymer Membranes via Click Chemistry and Atom Transfer Radical Polymerization. Langmuir, 2011, 27, 2936-2945. | 1.6 | 53 |
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