

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2332372/jian-ji-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

333
papers

13,814
citations

63
h-index

100
g-index

354
ext. papers

15,952
ext. citations

7.7
avg, IF

6.81
L-index

| # | Paper | IF | Citations |
|-----|---|------|-----------|
| 333 | Diverse Applications of Nanomedicine. <i>ACS Nano</i> , 2017 , 11, 2313-2381 | 16.7 | 714 |
| 332 | Mussel-inspired polydopamine: a biocompatible and ultrastable coating for nanoparticles in vivo. <i>ACS Nano</i> , 2013 , 7, 9384-95 | 16.7 | 428 |
| 331 | Construction of anti-adhesive and antibacterial multilayer films via layer-by-layer assembly of heparin and chitosan. <i>Biomaterials</i> , 2005 , 26, 6684-92 | 15.6 | 401 |
| 330 | Surface-Adaptive Gold Nanoparticles with Effective Adherence and Enhanced Photothermal Ablation of Methicillin-Resistant Staphylococcus aureus Biofilm. <i>ACS Nano</i> , 2017 , 11, 9330-9339 | 16.7 | 317 |
| 329 | CuSO ₄ /H ₂ O ₂ -Induced Rapid Deposition of Polydopamine Coatings with High Uniformity and Enhanced Stability. <i>Angewandte Chemie - International Edition</i> , 2016 , 55, 3054-7 | 16.4 | 288 |
| 328 | Enhanced retention and cellular uptake of nanoparticles in tumors by controlling their aggregation behavior. <i>ACS Nano</i> , 2013 , 7, 6244-57 | 16.7 | 258 |
| 327 | In situ endothelialization of intravascular stents coated with an anti-CD34 antibody functionalized heparin-collagen multilayer. <i>Biomaterials</i> , 2010 , 31, 4017-25 | 15.6 | 202 |
| 326 | Construction of antibacterial multilayer films containing nanosilver via layer-by-layer assembly of heparin and chitosan-silver ions complex. <i>Journal of Biomedical Materials Research - Part A</i> , 2006 , 79, 665-74 | 5.4 | 182 |
| 325 | Surface Charge Switchable Supramolecular Nanocarriers for Nitric Oxide Synergistic Photodynamic Eradication of Biofilms. <i>ACS Nano</i> , 2020 , 14, 347-359 | 16.7 | 154 |
| 324 | Surface engineering of cardiovascular stent with endothelial cell selectivity for in vivo re-endothelialisation. <i>Biomaterials</i> , 2013 , 34, 2588-99 | 15.6 | 153 |
| 323 | Fabrication of a Superhydrophobic Surface from the Amplified Exponential Growth of a Multilayer. <i>Advanced Materials</i> , 2006 , 18, 1441-1444 | 24 | 153 |
| 322 | Surface and size effects on cell interaction of gold nanoparticles with both phagocytic and nonphagocytic cells. <i>Langmuir</i> , 2013 , 29, 9138-48 | 4 | 148 |
| 321 | Electropolymerization of dopamine for surface modification of complex-shaped cardiovascular stents. <i>Biomaterials</i> , 2014 , 35, 7679-89 | 15.6 | 136 |
| 320 | Dual Enzymatic Reaction-Assisted Gemcitabine Delivery Systems for Programmed Pancreatic Cancer Therapy. <i>ACS Nano</i> , 2017 , 11, 1281-1291 | 16.7 | 129 |
| 319 | Nitric oxide as an all-rounder for enhanced photodynamic therapy: Hypoxia relief, glutathione depletion and reactive nitrogen species generation. <i>Biomaterials</i> , 2018 , 187, 55-65 | 15.6 | 127 |
| 318 | Synthesis of Near-Infrared Responsive Gold Nanorod/PNIPAAm Core/Shell Nanohybrids via Surface Initiated ATRP for Smart Drug Delivery. <i>Macromolecular Rapid Communications</i> , 2008 , 29, 645-650 | 4.8 | 124 |
| 317 | Fluorescence detection of alkaline phosphatase activity with Cyclodextrin-modified quantum dots. <i>Chemical Communications</i> , 2010 , 46, 7166-8 | 5.8 | 122 |

| | | | |
|-----|--|------|-----|
| 316 | Construction and enzymatic degradation of multilayered poly-L-lysine/DNA films. <i>Biomaterials</i> , 2006 , 27, 1152-9 | 15.6 | 121 |
| 315 | Rational Design of Cancer Nanomedicine for Simultaneous Stealth Surface and Enhanced Cellular Uptake. <i>ACS Nano</i> , 2019 , 13, 954-977 | 16.7 | 120 |
| 314 | Layer-by-layer-assembled healable antifouling films. <i>Advanced Materials</i> , 2015 , 27, 5882-8 | 24 | 120 |
| 313 | Novel biomimetic polymersomes as polymer therapeutics for drug delivery. <i>Journal of Controlled Release</i> , 2005 , 107, 502-12 | 11.7 | 119 |
| 312 | Asymmetric free-standing film with multifunctional anti-bacterial and self-cleaning properties. <i>ACS Applied Materials & Interfaces</i> , 2012 , 4, 4476-83 | 9.5 | 113 |
| 311 | CuSO ₄ /H ₂ O ₂ -Induced Rapid Deposition of Polydopamine Coatings with High Uniformity and Enhanced Stability. <i>Angewandte Chemie</i> , 2016 , 128, 3106-3109 | 3.6 | 107 |
| 310 | Zwitterionic drug nanocarriers: a biomimetic strategy for drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 124, 80-6 | 6 | 103 |
| 309 | Construction of degradable multilayer films for enhanced antibacterial properties. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 4136-43 | 9.5 | 103 |
| 308 | Photo-responsive, biocompatible polymeric micelles self-assembled from hyperbranched polyphosphate-based polymers. <i>Polymer Chemistry</i> , 2011 , 2, 1389 | 4.9 | 103 |
| 307 | Zwitterionic phosphorylcholine as a better ligand for gold nanorods cell uptake and selective photothermal ablation of cancer cells. <i>Chemical Communications</i> , 2010 , 46, 1479-81 | 5.8 | 101 |
| 306 | Albumin and fibrinogen adsorption on PU-PHEMA surfaces. <i>Biomaterials</i> , 2003 , 24, 2067-76 | 15.6 | 99 |
| 305 | Constructing thromboresistant surface on biomedical stainless steel via layer-by-layer deposition anticoagulant. <i>Biomaterials</i> , 2003 , 24, 4699-705 | 15.6 | 99 |
| 304 | Construction of nanomaterials with targeting phototherapy properties to inhibit resistant bacteria and biofilm infections. <i>Chemical Engineering Journal</i> , 2019 , 358, 74-90 | 14.7 | 97 |
| 303 | Metformin-Induced Stromal Depletion to Enhance the Penetration of Gemcitabine-Loaded Magnetic Nanoparticles for Pancreatic Cancer Targeted Therapy. <i>Journal of the American Chemical Society</i> , 2020 , 142, 4944-4954 | 16.4 | 95 |
| 302 | pH-amplified exponential growth multilayers: a facile method to develop hierarchical micro- and nanostructured surfaces. <i>Langmuir</i> , 2009 , 25, 672-5 | 4 | 95 |
| 301 | IR-780 Loaded Phospholipid Mimicking Homopolymeric Micelles for Near-IR Imaging and Photothermal Therapy of Pancreatic Cancer. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 6852-8 | 9.5 | 94 |
| 300 | Fast and long-acting antibacterial properties of chitosan-Ag/polyvinylpyrrolidone nanocomposite films. <i>Carbohydrate Polymers</i> , 2012 , 90, 8-15 | 10.3 | 94 |
| 299 | Immobilization of natural macromolecules on poly-L-lactic acid membrane surface in order to improve its cytocompatibility. <i>Journal of Biomedical Materials Research Part B</i> , 2002 , 63, 838-47 | | 94 |

| | | | |
|-----|---|------|----|
| 298 | Multidentate polyethylene glycol modified gold nanorods for in vivo near-infrared photothermal cancer therapy. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 5657-68 | 9.5 | 90 |
| 297 | pH- and NIR Light-Responsive Polymeric Prodrug Micelles for Hyperthermia-Assisted Site-Specific Chemotherapy to Reverse Drug Resistance in Cancer Treatment. <i>Small</i> , 2016 , 12, 2731-40 | 11 | 89 |
| 296 | Protein immobilization on the surface of poly-L-lactic acid films for improvement of cellular interactions. <i>European Polymer Journal</i> , 2002 , 38, 2279-2284 | 5.2 | 88 |
| 295 | Interaction of Zoospores of the Green Alga <i>Ulva</i> with Bioinspired Micro- and Nanostructured Surfaces Prepared by Polyelectrolyte Layer-by-Layer Self-Assembly. <i>Advanced Functional Materials</i> , 2010 , 20, 1984-1993 | 15.6 | 87 |
| 294 | Micelles and reverse micelles with a photo and thermo double-responsive block copolymer. <i>Journal of Polymer Science Part A</i> , 2010 , 48, 2855-2861 | 2.5 | 87 |
| 293 | Biocompatible and biodegradable polymersomes as delivery vehicles in biomedical applications. <i>Soft Matter</i> , 2012 , 8, 8811 | 3.6 | 86 |
| 292 | Label-free fluorescence detection of mercury(II) and glutathione based on Hg ²⁺ -DNA complexes stimulating aggregation-induced emission of a tetraphenylethene derivative. <i>Analyst, The</i> , 2010 , 135, 3002-7 | 5 | 85 |
| 291 | Rings of nanoparticle-decorated honeycomb-structured polymeric film: the combination of pickering emulsions and capillary flow in the breath figures method. <i>Langmuir</i> , 2008 , 24, 11338-41 | 4 | 83 |
| 290 | Zwitterionic Phosphorylcholine-TPE Conjugate for pH-Responsive Drug Delivery and AIE Active Imaging. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 21185-92 | 9.5 | 82 |
| 289 | Polyphenol-Assisted Exfoliation of Transition Metal Dichalcogenides into Nanosheets as Photothermal Nanocarriers for Enhanced Antibiofilm Activity. <i>ACS Nano</i> , 2018 , 12, 12347-12356 | 16.7 | 82 |
| 288 | Size and Charge Adaptive Clustered Nanoparticles Targeting the Biofilm Microenvironment for Chronic Lung Infection Management. <i>ACS Nano</i> , 2020 , 14, 5686-5699 | 16.7 | 80 |
| 287 | Tunable DNA release from cross-linked ultrathin DNA/PLL multilayered films. <i>Bioconjugate Chemistry</i> , 2006 , 17, 77-83 | 6.3 | 80 |
| 286 | Combining 3D Printing with Electrospinning for Rapid Response and Enhanced Designability of Hydrogel Actuators. <i>Advanced Functional Materials</i> , 2018 , 28, 1800514 | 15.6 | 77 |
| 285 | Near-infrared light-sensitive micelles for enhanced intracellular drug delivery. <i>Journal of Materials Chemistry</i> , 2012 , 22, 16865 | | 77 |
| 284 | Surface engineering of poly(DL-lactic acid) by entrapment of alginate-amino acid derivatives for promotion of chondrogenesis. <i>Biomaterials</i> , 2002 , 23, 3141-8 | 15.6 | 75 |
| 283 | Dopamine-Triggered One-Step Polymerization and Codeposition of Acrylate Monomers for Functional Coatings. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 34356-34366 | 9.5 | 73 |
| 282 | Biocompatible vesicles based on PEO-b-PMPC/ β -cyclodextrin inclusion complexes for drug delivery. <i>Soft Matter</i> , 2011 , 7, 662-669 | 3.6 | 73 |
| 281 | Theranostic reduction-sensitive gemcitabine prodrug micelles for near-infrared imaging and pancreatic cancer therapy. <i>Nanoscale</i> , 2016 , 8, 283-91 | 7.7 | 72 |

| | | | |
|-----|---|------|----|
| 280 | Zwitterionic polycarboxybetaine coating functionalized with REDV peptide to improve selectivity for endothelial cells. <i>Journal of Biomedical Materials Research - Part A</i> , 2012 , 100, 1387-97 | 5.4 | 72 |
| 279 | Photo-responsive supramolecular self-assembly and disassembly of an azobenzene-containing block copolymer. <i>Soft Matter</i> , 2010 , 6, 5589 | 3.6 | 72 |
| 278 | Different complex surfaces of polyethyleneglycol (PEG) and REDV ligand to enhance the endothelial cells selectivity over smooth muscle cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 369-78 | 6 | 72 |
| 277 | Zwitterionic phosphorylcholine as a better ligand for stabilizing large biocompatible gold nanoparticles. <i>Chemical Communications</i> , 2008 , 3058-60 | 5.8 | 72 |
| 276 | Mixed charged zwitterionic self-assembled monolayers as a facile way to stabilize large gold nanoparticles. <i>Langmuir</i> , 2011 , 27, 5242-51 | 4 | 71 |
| 275 | Polydopamine Nanocoating for Effective Photothermal Killing of Bacteria and Fungus upon Near-Infrared Irradiation. <i>Advanced Materials Interfaces</i> , 2016 , 3, 1600767 | 4.6 | 70 |
| 274 | Synergistic Chemotherapy and Photodynamic Therapy of Endophthalmitis Mediated by Zeolitic Imidazolate Framework-Based Drug Delivery Systems. <i>Small</i> , 2019 , 15, e1903880 | 11 | 69 |
| 273 | A facile method to construct hybrid multilayered films as a strong and multifunctional antibacterial coating. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2008 , 85, 556-63 | 3.5 | 68 |
| 272 | Biomacromolecules electrostatic self-assembly on 3-dimensional tissue engineering scaffold. <i>Biomacromolecules</i> , 2004 , 5, 1933-9 | 6.9 | 66 |
| 271 | A biomimic pH-sensitive polymeric prodrug based on polycarbonate for intracellular drug delivery. <i>Polymer Chemistry</i> , 2014 , 5, 854-861 | 4.9 | 64 |
| 270 | Surface modification of poly-L-lactide by photografting of hydrophilic polymers towards improving its hydrophilicity. <i>Journal of Applied Polymer Science</i> , 2002 , 85, 2163-2171 | 2.9 | 63 |
| 269 | BSA-tetraphenylethene derivative conjugates with aggregation-induced emission properties: fluorescent probes for label-free and homogeneous detection of protease and α -antitrypsin. <i>Analyst, The</i> , 2011 , 136, 2315-21 | 5 | 61 |
| 268 | Novel biomimetic surfactant: synthesis and micellar characteristics. <i>Macromolecular Bioscience</i> , 2005 , 5, 164-71 | 5.5 | 61 |
| 267 | Bioinspired phospholipid polymer prodrug as a pH-responsive drug delivery system for cancer therapy. <i>Polymer Chemistry</i> , 2013 , 4, 2004 | 4.9 | 59 |
| 266 | The rational design of a gemcitabine prodrug with AIE-based intracellular light-up characteristics for selective suppression of pancreatic cancer cells. <i>Chemical Communications</i> , 2015 , 51, 17435-8 | 5.8 | 58 |
| 265 | Ultrathin κ -Carrageenan/Chitosan Hydrogel Films with High Toughness and Antiadhesion Property. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 9002-9009 | 9.5 | 58 |
| 264 | Supramolecular Aggregation-Induced Emission Nanodots with Programmed Tumor Microenvironment Responsiveness for Image-Guided Orthotopic Pancreatic Cancer Therapy. <i>ACS Nano</i> , 2020 , 14, 5121-5134 | 16.7 | 57 |
| 263 | Mixed-charge nanoparticles for long circulation, low reticuloendothelial system clearance, and high tumor accumulation. <i>Advanced Healthcare Materials</i> , 2014 , 3, 1439-47 | 10.1 | 57 |

| | | | |
|-----|--|------|----|
| 262 | Surface engineering of poly(DL-lactide) via electrostatic self-assembly of extracellular matrix-like molecules. <i>Biomacromolecules</i> , 2003 , 4, 378-86 | 6.9 | 57 |
| 261 | Bactericidal and Hemocompatible Coating via the Mixed-Charged Copolymer. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 10428-10436 | 9.5 | 56 |
| 260 | Glutathione Activatable Photosensitizer-Conjugated Pseudopolyrotaxane Nanocarriers for Photodynamic Theranostics. <i>Small</i> , 2016 , 12, 6223-6232 | 11 | 56 |
| 259 | Heparin/collagen multilayer as a thromboresistant and endothelial favorable coating for intravascular stent. <i>Journal of Biomedical Materials Research - Part A</i> , 2011 , 96, 132-41 | 5.4 | 56 |
| 258 | pH-Amplified multilayer films based on hyaluronan: influence of HA molecular weight and concentration on film growth and stability. <i>Biomacromolecules</i> , 2011 , 12, 1322-31 | 6.9 | 56 |
| 257 | Hyaluronic acid and chitosan-DNA complex multilayered thin film as surface-mediated nonviral gene delivery system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2009 , 74, 298-303 | 6 | 56 |
| 256 | Design of smart targeted and responsive drug delivery systems with enhanced antibacterial properties. <i>Nanoscale</i> , 2018 , 10, 20946-20962 | 7.7 | 56 |
| 255 | Humidity-Triggered Self-Healing of Microporous Polyelectrolyte Multilayer Coatings for Hydrophobic Drug Delivery. <i>Advanced Functional Materials</i> , 2015 , 25, 7470-7477 | 15.6 | 55 |
| 254 | Particle-assisted fabrication of honeycomb-structured hybrid films via breath figures method. <i>Polymer</i> , 2010 , 51, 4169-4175 | 3.9 | 55 |
| 253 | Preparation of reversibly photo-cross-linked nanogels from pH-responsive block copolymers and use as nanoreactors for the synthesis of gold nanoparticles. <i>European Polymer Journal</i> , 2010 , 46, 2120-2128 | 5.2 | 55 |
| 252 | Construction and deconstruction of PLL/DNA multilayered films for DNA delivery: effect of ionic strength. <i>Colloids and Surfaces B: Biointerfaces</i> , 2005 , 46, 63-9 | 6 | 55 |
| 251 | Minimizing nonspecific phagocytic uptake of biocompatible gold nanoparticles with mixed charged zwitterionic surface modification. <i>Journal of Materials Chemistry</i> , 2012 , 22, 1916-1927 | | 54 |
| 250 | Biomimetic pseudopolyrotaxane prodrug micelles with high drug content for intracellular drug delivery. <i>Chemical Communications</i> , 2013 , 49, 7123-5 | 5.8 | 54 |
| 249 | Design and Proof of Programmed 5-Aminolevulinic Acid Prodrug Nanocarriers for Targeted Photodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 14596-14605 | 9.5 | 53 |
| 248 | Let There be Light: Polymeric Micelles with Upper Critical Solution Temperature as Light-Triggered Heat Nanogenerators for Combating Drug-Resistant Cancer. <i>Small</i> , 2018 , 14, e1802420 | 11 | 52 |
| 247 | Reversibly light-responsive micelles constructed via a simple modification of hyperbranched polymers with chromophores. <i>Polymer</i> , 2012 , 53, 3695-3703 | 3.9 | 52 |
| 246 | Direct adhesion of endothelial cells to bioinspired poly(dopamine) coating through endogenous fibronectin and integrin $\beta 1$. <i>Macromolecular Bioscience</i> , 2013 , 13, 483-93 | 5.5 | 52 |
| 245 | Doxorubicin conjugated phospholipid prodrugs as smart nanomedicine platforms for cancer therapy. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 3297-3305 | 7.3 | 51 |

| | | | |
|-----|--|------|----|
| 244 | Construction of High Drug Loading and Enzymatic Degradable Multilayer Films for Self-Defense Drug Release and Long-Term Biofilm Inhibition. <i>Biomacromolecules</i> , 2018 , 19, 85-93 | 6.9 | 50 |
| 243 | Biocompatible and biodegradable polymersomes for pH-triggered drug release. <i>Soft Matter</i> , 2011 , 7, 6629 | 3.6 | 49 |
| 242 | 3-Bromopyruvate-Conjugated Nanoplatform-Induced Pro-Death Autophagy for Enhanced Photodynamic Therapy against Hypoxic Tumor. <i>ACS Nano</i> , 2020 , 14, 9711-9727 | 16.7 | 48 |
| 241 | Effect of Polyelectrolyte Film Stiffness on Endothelial Cells During Endothelial-to-Mesenchymal Transition. <i>Biomacromolecules</i> , 2015 , 16, 3584-93 | 6.9 | 47 |
| 240 | Polyamidoamine dendrimers surface-engineered with biomimetic phosphorylcholine as potential drug delivery carriers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2011 , 84, 49-54 | 6 | 47 |
| 239 | pH-responsive and biodegradable polymeric micelles based on poly(L-amino ester)-graft-phosphorylcholine for doxorubicin delivery. <i>Polymer Chemistry</i> , 2013 , 4, 3012 | 4.9 | 45 |
| 238 | ATP Suppression by pH-Activated Mitochondria-Targeted Delivery of Nitric Oxide Nanoplatform for Drug Resistance Reversal and Metastasis Inhibition. <i>Small</i> , 2020 , 16, e2001747 | 11 | 44 |
| 237 | Facile fabrication of robust superhydrophobic multilayered film based on bioinspired poly(dopamine)-modified carbon nanotubes. <i>Physical Chemistry Chemical Physics</i> , 2014 , 16, 2936-43 | 3.6 | 44 |
| 236 | Nitric oxide-induced stromal depletion for improved nanoparticle penetration in pancreatic cancer treatment. <i>Biomaterials</i> , 2020 , 246, 119999 | 15.6 | 43 |
| 235 | "Mixed-charge self-assembled monolayers" as a facile method to design pH-induced aggregation of large gold nanoparticles for near-infrared photothermal cancer therapy. <i>ACS Applied Materials & Interfaces</i> , 2014 , 6, 18930-7 | 9.5 | 43 |
| 234 | Surface tailoring of nanoparticles via mixed-charge monolayers and their biomedical applications. <i>Small</i> , 2014 , 10, 4230-42 | 11 | 43 |
| 233 | Rapid and sensitive detection of foodborne pathogenic bacteria (<i>Staphylococcus aureus</i>) using an electrochemical DNA genomic biosensor and its application in fresh beef. <i>Journal of Agricultural and Food Chemistry</i> , 2014 , 62, 12659-67 | 5.7 | 42 |
| 232 | Surface coating of stearyl poly(ethylene oxide) coupling-polymer on polyurethane guiding catheters with poly(ether urethane) film-building additive for biomedical applications. <i>Biomaterials</i> , 2001 , 22, 1549-62 | 15.6 | 42 |
| 231 | Photosensitizer-Loaded Multifunctional Chitosan Nanoparticles for Simultaneous in Situ Imaging, Highly Efficient Bacterial Biofilm Eradication, and Tumor Ablation. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 2302-2316 | 9.5 | 42 |
| 230 | Selective endothelial cells adhesion to Arg-Glu-Asp-Val peptide functionalized polysaccharide multilayer. <i>Thin Solid Films</i> , 2012 , 520, 4971-4978 | 2.2 | 41 |
| 229 | Phenylboronic acid as a sugar- and pH-responsive trigger to tune the multiple micellization of thermo-responsive block copolymer. <i>Polymer</i> , 2010 , 51, 3068-3074 | 3.9 | 41 |
| 228 | The Escherichia coli O157:H7 DNA detection on a gold nanoparticle-enhanced piezoelectric biosensor. <i>Science Bulletin</i> , 2008 , 53, 1175-1184 | 10.6 | 40 |
| 227 | Construction of multilayer coating onto poly-(DL-lactide) to promote cytocompatibility. <i>Biomaterials</i> , 2004 , 25, 109-17 | 15.6 | 40 |

| | | | |
|-----|--|------|----|
| 226 | Enzyme-sensitive gemcitabine conjugated albumin nanoparticles as a versatile theranostic nanoplatform for pancreatic cancer treatment. <i>Journal of Colloid and Interface Science</i> , 2017 , 507, 217-224 | 9.3 | 39 |
| 225 | Surface-mediated functional gene delivery: an effective strategy for enhancing competitiveness of endothelial cells over smooth muscle cells. <i>Biomaterials</i> , 2013 , 34, 3345-54 | 15.6 | 39 |
| 224 | Pillar[5]arene based supramolecular prodrug micelles with pH induced aggregate behavior for intracellular drug delivery. <i>Chemical Communications</i> , 2015 , 51, 2999-3002 | 5.8 | 38 |
| 223 | Construction of photo-responsive micelles from azobenzene-modified hyperbranched polyphosphates and study of their reversible self-assembly and disassembly behaviours. <i>New Journal of Chemistry</i> , 2012 , 36, 694-701 | 3.6 | 38 |
| 222 | Octadecyl Chains Immobilized onto Hyaluronic Acid Coatings by Thiol-ene "Click Chemistry" Increase the Surface Antimicrobial Properties and Prevent Platelet Adhesion and Activation to Polyurethane. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 7979-7989 | 9.5 | 37 |
| 221 | Recyclable Colorimetric Detection of Trivalent Cations in Aqueous Media Using Zwitterionic Gold Nanoparticles. <i>Analytical Chemistry</i> , 2016 , 88, 4140-6 | 7.8 | 37 |
| 220 | Design and proof of reversible micelle-to-vesicle multistimuli-responsive morphological regulations. <i>Journal of Polymer Science Part A</i> , 2012 , 50, 451-457 | 2.5 | 37 |
| 219 | Antibacterial and hydroxyapatite-forming coating for biomedical implants based on polypeptide-functionalized titania nanospikes. <i>Biomaterials Science</i> , 2019 , 8, 278-289 | 7.4 | 37 |
| 218 | Surface-mediated transfection of a pDNA vector encoding short hairpin RNA to downregulate TGF- β expression for the prevention of in-stent restenosis. <i>Biomaterials</i> , 2017 , 116, 95-105 | 15.6 | 35 |
| 217 | Layer-by-layer assembly as a robust method to construct extracellular matrix mimic surfaces to modulate cell behavior. <i>Progress in Polymer Science</i> , 2019 , 92, 1-34 | 29.6 | 35 |
| 216 | Zwitterionic stealth peptide-capped 5-aminolevulinic acid prodrug nanoparticles for targeted photodynamic therapy. <i>Journal of Colloid and Interface Science</i> , 2017 , 485, 251-259 | 9.3 | 35 |
| 215 | Covalent layer-by-layer assembly of hyperbranched polyether and polyethyleneimine: multilayer films providing possibilities for surface functionalization and local drug delivery. <i>Biomacromolecules</i> , 2011 , 12, 4264-71 | 6.9 | 35 |
| 214 | Zwitterionic stealth peptide-protected gold nanoparticles enable long circulation without the accelerated blood clearance phenomenon. <i>Biomaterials Science</i> , 2017 , 6, 200-206 | 7.4 | 35 |
| 213 | Electrochemically controlled stiffness of multilayers for manipulation of cell adhesion. <i>ACS Applied Materials & Interfaces</i> , 2013 , 5, 4597-602 | 9.5 | 34 |
| 212 | Self-assembled chitosan/heparin multilayer film as a novel template for in situ synthesis of silver nanoparticles. <i>Colloids and Surfaces B: Biointerfaces</i> , 2010 , 76, 549-55 | 6 | 34 |
| 211 | Construction of redox-active multilayer film for electrochemically controlled release. <i>Langmuir</i> , 2013 , 29, 11163-8 | 4 | 33 |
| 210 | Humidity responsive asymmetric free-standing multilayered film. <i>Langmuir</i> , 2010 , 26, 16634-7 | 4 | 33 |
| 209 | Surface tailoring of poly(DL-lactic acid) by ligand-tethered amphiphilic polymer for promoting chondrocyte attachment and growth. <i>Biomaterials</i> , 2004 , 25, 1859-67 | 15.6 | 33 |

| | | | |
|-----|---|------|----|
| 208 | Biofilm microenvironment activated supramolecular nanoparticles for enhanced photodynamic therapy of bacterial keratitis. <i>Journal of Controlled Release</i> , 2020 , 327, 676-687 | 11.7 | 33 |
| 207 | Bacteria-Targeted Supramolecular Photosensitizer Delivery Vehicles for Photodynamic Ablation Against Biofilms. <i>Macromolecular Rapid Communications</i> , 2019 , 40, e1800763 | 4.8 | 33 |
| 206 | Ofloxacin loaded MoS ₂ nanoflakes for synergistic mild-temperature photothermal/antibiotic therapy with reduced drug resistance of bacteria. <i>Nano Research</i> , 2020 , 13, 2340-2350 | 10 | 32 |
| 205 | pH and hydrogen peroxide dual responsive supramolecular prodrug system for controlled release of bioactive molecules. <i>Colloids and Surfaces B: Biointerfaces</i> , 2014 , 121, 189-95 | 6 | 32 |
| 204 | Fabrication of Mixed-Charge Polypeptide Coating for Enhanced Hemocompatibility and Anti-Infective Effect. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 2999-3010 | 9.5 | 32 |
| 203 | Substrate Stiffness Combined with Hepatocyte Growth Factor Modulates Endothelial Cell Behavior. <i>Biomacromolecules</i> , 2016 , 17, 2767-76 | 6.9 | 31 |
| 202 | Dual pH-responsive 5-aminolevulinic acid pseudopolyrotaxane prodrug micelles for enhanced photodynamic therapy. <i>Chemical Communications</i> , 2016 , 52, 3966-9 | 5.8 | 31 |
| 201 | Light-regulated host-guest interaction as a new strategy for intracellular PEG-detachable polyplexes to facilitate nuclear entry. <i>Chemical Communications</i> , 2012 , 48, 10126-8 | 5.8 | 31 |
| 200 | Self-Healing Spongy Coating for Drug "Cocktail" Delivery. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 4309-13 | 9.5 | 30 |
| 199 | Light-Responsive Polyion Complex Micelles with Switchable Surface Charge for Efficient Protein Delivery.. <i>ACS Macro Letters</i> , 2014 , 3, 679-683 | 6.6 | 30 |
| 198 | Fabrication of alternating polycation and albumin multilayer coating onto stainless steel by electrostatic layer-by-layer adsorption. <i>Colloids and Surfaces B: Biointerfaces</i> , 2004 , 34, 185-90 | 6 | 30 |
| 197 | Surface modulation of complex stiffness via layer-by-layer assembly as a facile strategy for selective cell adhesion. <i>Biomaterials Science</i> , 2015 , 3, 352-60 | 7.4 | 29 |
| 196 | Relief of Biofilm Hypoxia Using an Oxygen Nanocarrier: A New Paradigm for Enhanced Antibiotic Therapy. <i>Advanced Science</i> , 2020 , 7, 2000398 | 13.6 | 29 |
| 195 | Improved Endothelial Function of Endothelial Cell Monolayer on the Soft Polyelectrolyte Multilayer Film with Matrix-Bound Vascular Endothelial Growth Factor. <i>ACS Applied Materials & Interfaces</i> , 2016 , 8, 14357-66 | 9.5 | 29 |
| 194 | The effect of ligand composition on the in vivo fate of multidentate poly(ethylene glycol) modified gold nanoparticles. <i>Biomaterials</i> , 2013 , 34, 8370-81 | 15.6 | 29 |
| 193 | A cascade enzymatic reaction activatable gemcitabine prodrug with an AIE-based intracellular light-up apoptotic probe for in situ self-therapeutic monitoring. <i>Chemical Communications</i> , 2017 , 53, 9214-9217 | 5.8 | 29 |
| 192 | Charge-conversional and pH-sensitive PEGylated polymeric micelles as efficient nanocarriers for drug delivery. <i>Macromolecular Bioscience</i> , 2014 , 14, 1280-90 | 5.5 | 29 |
| 191 | Poland's syndrome complicated with breast cancer: mammographic, ultrasonographic, and computed tomographic findings. <i>Acta Radiologica</i> , 2008 , 49, 387-90 | 2 | 29 |

| | | | |
|-----|--|------|----|
| 190 | Tailoring Supramolecular Prodrug Nanoassemblies for Reactive Nitrogen Species-Potentiated Chemotherapy of Liver Cancer. <i>ACS Nano</i> , 2021 , 15, 8663-8675 | 16.7 | 29 |
| 189 | Hemoglobin as a Smart pH-Sensitive Nanocarrier To Achieve Aggregation Enhanced Tumor Retention. <i>Biomacromolecules</i> , 2018 , 19, 2007-2013 | 6.9 | 28 |
| 188 | Theranostic hyaluronic acid prodrug micelles with aggregation-induced emission characteristics for targeted drug delivery. <i>Science China Chemistry</i> , 2016 , 59, 1609-1615 | 7.9 | 28 |
| 187 | Magainin-modified polydopamine nanoparticles for photothermal killing of bacteria at low temperature. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 183, 110423 | 6 | 28 |
| 186 | Biocompatible Poly(D,L-lactide)-block-Poly(2-methacryloyloxyethylphosphorylcholine) Micelles for Drug Delivery. <i>Macromolecular Chemistry and Physics</i> , 2011 , 212, 643-651 | 2.6 | 28 |
| 185 | Postdiffusion of oligo-peptide within exponential growth multilayer films for localized peptide delivery. <i>Langmuir</i> , 2009 , 25, 11664-71 | 4 | 28 |
| 184 | Norvancomycin-capped silver nanoparticles: Synthesis and antibacterial activities against E. coli. <i>Science in China Series B: Chemistry</i> , 2007 , 50, 418-424 | | 28 |
| 183 | Stearyl poly(ethylene oxide) grafted surfaces for preferential adsorption of albumin. <i>Biomaterials</i> , 2001 , 22, 3015-23 | 15.6 | 28 |
| 182 | Bioinspired Polydopamine/Polyzwitterion Coatings for Underwater Anti-Oil and -Freezing Surfaces. <i>Langmuir</i> , 2019 , 35, 1895-1901 | 4 | 28 |
| 181 | Fabrication of dual-responsive micelles based on the supramolecular interaction of cucurbit[8]uril. <i>Polymer Chemistry</i> , 2013 , 4, 242-245 | 4.9 | 27 |
| 180 | Label-free Fluorescent Sensor for Probing Heparin-Protein Interaction Based on Supramolecular Assemblies. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 85-90 | 4.9 | 27 |
| 179 | Rheological properties of redox-responsive, associative ferrocene-modified branched poly(ethylene imine) and its modulation by β -cyclodextrin and hydrogen peroxide. <i>Soft Matter</i> , 2010 , 6, 5541 | 3.6 | 27 |
| 178 | Polyamino acid-based gemcitabine nanocarriers for targeted intracellular drug delivery. <i>Polymer Chemistry</i> , 2017 , 8, 2490-2498 | 4.9 | 26 |
| 177 | pH-sensitive controlled release of doxorubicin from polyelectrolyte multilayers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 125, 127-33 | 6 | 26 |
| 176 | Self-Healing Label Materials Based on Photo-Cross-Linkable Polymeric Films with Dynamic Surface Structures. <i>ACS Nano</i> , 2018 , 12, 8686-8696 | 16.7 | 26 |
| 175 | Design and fabrication of functional polycaprolactone. <i>E-Polymers</i> , 2015 , 15, 3-13 | 2.7 | 26 |
| 174 | Construction of multifunctional coatings via layer-by-layer assembly of sulfonated hyperbranched polyether and chitosan. <i>Langmuir</i> , 2010 , 26, 2624-9 | 4 | 26 |
| 173 | Programmed photosensitizer conjugated supramolecular nanocarriers with dual targeting ability for enhanced photodynamic therapy. <i>Chemical Communications</i> , 2016 , 52, 11935-11938 | 5.8 | 25 |

| | | | |
|-----|---|------|----|
| 172 | Construction of Polycation-Based Non-Viral DNA Nanoparticles and Polyanion Multilayers via Layer-by-Layer Self-Assembly. <i>Macromolecular Rapid Communications</i> , 2005 , 26, 1633-1638 | 4.8 | 25 |
| 171 | Dynamic stiffness of polyelectrolyte multilayer films based on disulfide bonds for in situ control of cell adhesion. <i>Journal of Materials Chemistry B</i> , 2015 , 3, 7546-7553 | 7.3 | 24 |
| 170 | Intracellular host-guest assembly of gold nanoparticles triggered by glutathione. <i>Chemical Communications</i> , 2016 , 52, 582-5 | 5.8 | 24 |
| 169 | Gas Therapy: An Emerging Green Strategy for Anticancer Therapeutics. <i>Advanced Therapeutics</i> , 2018 , 1, 1800084 | 4.9 | 24 |
| 168 | A photodynamic antibacterial spray-coating based on the host-guest immobilization of the photosensitizer methylene blue. <i>Journal of Materials Chemistry B</i> , 2019 , 7, 5089-5095 | 7.3 | 24 |
| 167 | Phospholipid based polymer as drug release coating for cardiovascular device. <i>European Polymer Journal</i> , 2004 , 40, 291-298 | 5.2 | 24 |
| 166 | Fabrication of thromboresistant multilayer thin film on plasma treated poly (vinyl chloride) surface. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 687-92 | 4.5 | 24 |
| 165 | Stearyl poly(ethylene oxide) grafted surfaces for preferential adsorption of albumin Part 2. The effect of molecular mobility on protein adsorption. <i>Polymer</i> , 2000 , 41, 3713-3718 | 3.9 | 24 |
| 164 | Emerging antibacterial nanomedicine for enhanced antibiotic therapy. <i>Biomaterials Science</i> , 2020 , 8, 6825-6839 | 7.4 | 24 |
| 163 | Intracellular Dual Fluorescent Lightup Bioprobes for Image-Guided Photodynamic Cancer Therapy. <i>Small</i> , 2016 , 12, 3870-8 | 11 | 24 |
| 162 | A Writing Strategy for shape transition with infinitely adjustable shaping sequences and in situ tunable 3D structures. <i>Materials Horizons</i> , 2016 , 3, 581-587 | 14.4 | 24 |
| 161 | Infusing Lubricant onto Erasable Microstructured Surfaces toward Guided Sliding of Liquid Droplets. <i>ACS Applied Materials & Interfaces</i> , 2017 , 9, 1959-1967 | 9.5 | 23 |
| 160 | Photothermal Killing of Methicillin-Resistant by Bacteria-Targeted Polydopamine Nanoparticles with Nano-Localized Hyperpyrexia. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 5169-5179 | 5.5 | 23 |
| 159 | Dynamic spongy films to immobilize hydrophobic antimicrobial peptides for self-healing bactericidal coating. <i>Journal of Materials Chemistry B</i> , 2016 , 4, 6358-6365 | 7.3 | 23 |
| 158 | Bioinspired phosphorylcholine-modified polyplexes as an effective strategy for selective uptake and transfection of cancer cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 297-305 | 6 | 23 |
| 157 | Disulfide-Crosslinked Biomimetic Micelles: Formation, Thiol Reactivity and Cytotoxicity Behavior. <i>Macromolecular Chemistry and Physics</i> , 2010 , 211, 2292-2300 | 2.6 | 23 |
| 156 | Protein electrostatic self-assembly on poly(DL-lactide) scaffold to promote osteoblast growth. <i>Journal of Biomedical Materials Research Part B</i> , 2004 , 71, 159-65 | | 23 |
| 155 | Polymyxin B-Polysaccharide Polyion Nanocomplex with Improved Biocompatibility and Unaffected Antibacterial Activity for Acute Lung Infection Management. <i>Advanced Healthcare Materials</i> , 2020 , 9, e1901542 | 10.1 | 23 |

| | | | |
|-----|--|------|----|
| 154 | Patterned Slippery Surface through Dynamically Controlling Surface Structures for Droplet Microarray. <i>Chemistry of Materials</i> , 2019 , 31, 834-841 | 9.6 | 23 |
| 153 | Biocompatible and biodegradable supramolecular assemblies formed with cucurbit[8]uril as a smart platform for reduction-triggered release of doxorubicin. <i>Polymer Chemistry</i> , 2014 , 5, 1843 | 4.9 | 22 |
| 152 | Light cross-linkable and pH de-cross-linkable drug nanocarriers for intracellular drug delivery. <i>Polymer Chemistry</i> , 2015 , 6, 2069-2075 | 4.9 | 22 |
| 151 | Probiotic <i>Bacillus amyloliquefaciens</i> mediate M1 macrophage polarization in mouse bone marrow-derived macrophages. <i>Archives of Microbiology</i> , 2013 , 195, 349-56 | 3 | 22 |
| 150 | Construction of phospholipid anti-biofouling multilayer on biomedical PET surfaces. <i>Applied Surface Science</i> , 2008 , 255, 538-540 | 6.7 | 22 |
| 149 | A radiomics model for determining the invasiveness of solitary pulmonary nodules that manifest as part-solid nodules. <i>Clinical Radiology</i> , 2019 , 74, 933-943 | 2.9 | 21 |
| 148 | Poly(D,L-lactic acid)-block-(ligand-tethered poly(ethylene glycol)) copolymers as surface additives for promoting chondrocyte attachment and growth. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2006 , 76, 64-75 | 3.5 | 21 |
| 147 | Synthesis of hydroxyl-capped comb-like poly(ethylene glycol) to develop shell cross-linkable micelles. <i>Polymer</i> , 2006 , 47, 1987-1994 | 3.9 | 21 |
| 146 | Blends of stearyl poly(ethylene oxide) coupling-polymer in chitosan as coating materials for polyurethane intravascular catheters. <i>Journal of Biomedical Materials Research Part B</i> , 2001 , 58, 372-83 | | 21 |
| 145 | Mechanical Adaptability of the MMP-Responsive Film Improves the Functionality of Endothelial Cell Monolayer. <i>Advanced Healthcare Materials</i> , 2017 , 6, 1601410 | 10.1 | 20 |
| 144 | Effects of quaternization on the morphological stability and antibacterial activity of electrospun poly(DMAEMA-co-AMA) nanofibers. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 133, 148-55 | 6 | 20 |
| 143 | Functionalized biomaterials to combat biofilms. <i>Biomaterials Science</i> , 2020 , 8, 4052-4066 | 7.4 | 20 |
| 142 | Functional 2-methylene-1,3-dioxepane terpolymer: a versatile platform to construct biodegradable polymeric prodrugs for intracellular drug delivery. <i>Polymer Chemistry</i> , 2014 , 5, 4061-4068 | 4.9 | 20 |
| 141 | Stiffness of polyelectrolyte multilayer film influences endothelial function of endothelial cell monolayer. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 149, 379-387 | 6 | 20 |
| 140 | Small and stable phosphorylcholine zwitterionic quantum dots for weak nonspecific phagocytosis and effective Tat peptide functionalization. <i>Advanced Healthcare Materials</i> , 2013 , 2, 352-60 | 10.1 | 20 |
| 139 | Spontaneous Vesicle Formation in Aqueous Solutions of Comb-Like PEG. <i>Macromolecular Rapid Communications</i> , 2006 , 27, 214-218 | 4.8 | 20 |
| 138 | Albumin and fibrinogen adsorption on cibacron blue F3G-A immobilised onto PU-PHEMA (polyurethane-poly(hydroxyethylmethacrylate)) surfaces. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2003 , 14, 439-55 | 3.5 | 20 |
| 137 | Zwitterionic supramolecular prodrug nanoparticles based on host-guest interactions for intracellular drug delivery. <i>Polymer</i> , 2016 , 97, 449-455 | 3.9 | 20 |

| | | | |
|-----|---|------|----|
| 136 | Self-wrinkling polyelectrolyte multilayers: construction, smoothing and the underlying mechanism. <i>Physical Chemistry Chemical Physics</i> , 2016 , 18, 31168-31174 | 3.6 | 19 |
| 135 | REDV/Rapamycin-loaded polymer combinations as a coordinated strategy to enhance endothelial cells selectivity for a stent system. <i>Colloids and Surfaces B: Biointerfaces</i> , 2015 , 136, 1166-73 | 6 | 19 |
| 134 | Construct biomimetic giant vesicles via self-assembly of poly(2-methacryloyloxyethyl phosphorylcholine)-block-poly(D,L-lactide). <i>Journal of Applied Polymer Science</i> , 2010 , 118, 3197-3202 | 2.9 | 19 |
| 133 | Emerging nanobiomaterials against bacterial infections in postantibiotic era. <i>View</i> , 2020 , 1, 20200014 | 7.8 | 19 |
| 132 | Biomimetic drug nanocarriers prepared by miniemulsion polymerization for near-infrared imaging and photothermal therapy. <i>Polymer</i> , 2016 , 82, 255-261 | 3.9 | 18 |
| 131 | Cucurbit[8]uril supramolecular assembly for positively charged ultrathin films as nanocontainers. <i>Langmuir</i> , 2013 , 29, 14101-7 | 4 | 18 |
| 130 | Zwitterionic phosphorylcholine-protected water-soluble Ag nanoparticles. <i>Science in China Series B: Chemistry</i> , 2009 , 52, 64-68 | | 18 |
| 129 | Stability and Drug Loading of Spontaneous Vesicles of Comb-Like PEG Derivates. <i>Macromolecular Rapid Communications</i> , 2007 , 28, 660-665 | 4.8 | 18 |
| 128 | Surface Analysis of Poly(ether urethane) Blending Stearyl Poly(ethylene oxide) Coupling Polymer. <i>Macromolecules</i> , 2000 , 33, 8472-8478 | 5.5 | 18 |
| 127 | Multilayers based on cationic nanocomplexes for co-delivery of doxorubicin and DNA. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 112, 67-73 | 6 | 17 |
| 126 | Highly soluble PEGylated pyrene-gold nanoparticles dyads for sensitive turn-on fluorescent detection of biothiols. <i>Analyst, The</i> , 2010 , 135, 2323-7 | 5 | 17 |
| 125 | Development of mucoadhesive cationic polypeptide micelles for sustained cabozantinib release and inhibition of corneal neovascularization. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5143-5154 | 7.3 | 16 |
| 124 | Poly(2-(methacryloyloxy) ethyl phosphorylcholine)-functionalized multi-walled carbon nanotubes: Preparation, characterization, solubility, and effects on blood coagulation. <i>Journal of Applied Polymer Science</i> , 2009 , 113, 351-357 | 2.9 | 16 |
| 123 | Thermo-triggered ultrafast self-healing of microporous coating for on-demand encapsulation of biomacromolecules. <i>Biomaterials</i> , 2019 , 192, 15-25 | 15.6 | 16 |
| 122 | A novel biliary stent coated with silver nanoparticles prolongs the unobstructed period and survival via anti-bacterial activity. <i>Scientific Reports</i> , 2016 , 6, 21714 | 4.9 | 15 |
| 121 | Mixed-Charged Zwitterionic Polymeric Micelles for Tumor Acidic Environment Responsive Intracellular Drug Delivery. <i>Langmuir</i> , 2019 , 35, 1242-1248 | 4 | 15 |
| 120 | One-Step Preparation of Reduction-Responsive Biodegradable Polymers as Efficient Intracellular Drug Delivery Platforms. <i>Macromolecular Chemistry and Physics</i> , 2014 , 215, 1848-1854 | 2.6 | 15 |
| 119 | Fast and selective cancer cell uptake of therapeutic gold nanorods by surface modifications with phosphorylcholine and Tat. <i>Journal of Materials Chemistry</i> , 2012 , 22, 13969 | | 15 |

| | | | |
|-----|---|------|----|
| 118 | Netlike knitting of polyelectrolyte multilayers on honeycomb-patterned substrate. <i>Langmuir</i> , 2010 , 26, 14236-40 | 4 | 15 |
| 117 | Osteoblast growth promotion by protein electrostatic self-assembly on biodegradable poly(lactide). <i>Journal of Biomaterials Science, Polymer Edition</i> , 2005 , 16, 761-74 | 3.5 | 15 |
| 116 | Ferrocenyl branched poly (ethylene imine) micelles as reductive templates for the preparation of silver nanoparticles. <i>Journal of Nanoparticle Research</i> , 2010 , 12, 2179-2187 | 2.3 | 14 |
| 115 | Selective adsorption of serum albumin on biomedical polyurethanes modified by a poly(ethylene oxide) coupling-polymer with cibacron blue (F3G-A) endgroups. <i>Bioconjugate Chemistry</i> , 2002 , 13, 792-803 | 6.3 | 14 |
| 114 | Codeposition of Levodopa and Polyethyleneimine: Reaction Mechanism and Coating Construction. <i>ACS Applied Materials & Interfaces</i> , 2020 , | 9.5 | 14 |
| 113 | Substrate-mediated delivery of gene complex nanoparticles via polydopamine coating for enhancing competitiveness of endothelial cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016 , 147, 172-179 | 6 | 14 |
| 112 | The (PrS/HGF-pDNA) multilayer films for gene-eluting stent coating: Gene-protecting, anticoagulation, antibacterial properties, and in vivo antirestenosis evaluation. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2015 , 103, 430-9 | 3.5 | 13 |
| 111 | Biodegradable phosphorylcholine copolymer for cardiovascular stent coating. <i>Journal of Materials Chemistry B</i> , 2020 , 8, 5361-5368 | 7.3 | 13 |
| 110 | Anti-CD34 Antibody Functionalized Swollen Polymeric Coating for Endothelial Cell Rapid Selectively Capture. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2015 , 64, 99-103 | 3 | 13 |
| 109 | Self-Assembly and Surface Structure of an Amphiphilic Graft Copolymer, Polystyrene-graft-omega-Stearyl-Poly(ethylene oxide). <i>Journal of Colloid and Interface Science</i> , 2000 , 224, 255-260 | 9.3 | 13 |
| 108 | Photothermal-assisted surface-mediated gene delivery for enhancing transfection efficiency. <i>Biomaterials Science</i> , 2019 , 7, 5177-5186 | 7.4 | 13 |
| 107 | Bowl- and porous sphere-shaped supramolecular assemblies and their application as templates for confined assembly of gold nanoparticles. <i>Soft Matter</i> , 2011 , 7, 1114-1120 | 3.6 | 12 |
| 106 | pH modulated layer-by-layer assembly as a new approach to tunable formulating of DNA within multilayer coating. <i>Reactive and Functional Polymers</i> , 2011 , 71, 254-260 | 4.6 | 12 |
| 105 | Various-sized stearyl poly(ethylene oxide) coupling-polymer blending poly(ether urethane) material for surface study and biomedical applications. <i>Macromolecular Chemistry and Physics</i> , 2000 , 201, 1574-1584 | 2.6 | 12 |
| 104 | Substrate stiffness differentially impacts autophagy of endothelial cells and smooth muscle cells. <i>Bioactive Materials</i> , 2021 , 6, 1413-1422 | 16.7 | 12 |
| 103 | Bacterial infection microenvironment sensitive prodrug micelles with enhanced photodynamic activities for infection control. <i>Colloids and Interface Science Communications</i> , 2021 , 40, 100354 | 5.4 | 12 |
| 102 | Controlling Structural Transformation of Polyelectrolyte Films for Spatially Encapsulating Functional Species. <i>Small</i> , 2019 , 15, e1804867 | 11 | 11 |
| 101 | Thin electroconductive hydrogel films by in situ electropolymerization of pyrrole within polyelectrolyte multilayers. <i>RSC Advances</i> , 2014 , 4, 24511 | 3.7 | 11 |

| | | | |
|-----|--|------|----|
| 100 | Understanding the Oxidative Stability of Antifouling Polymer Brushes. <i>Langmuir</i> , 2017 , 33, 7298-7304 | 4 | 11 |
| 99 | More efficient NIR photothermal therapeutic effect from intracellular heating modality than extracellular heating modality: an in vitro study. <i>Journal of Nanoparticle Research</i> , 2012 , 14, 1 | 2.3 | 11 |
| 98 | Self-assembly and degradation of poly[(2-methacryloyloxyethyl phosphorylcholine)-block-(D,L-lactide)] diblock copolymers: large compound micelles to vesicles. <i>Polymer International</i> , 2011 , 60, 578-583 | 3.3 | 11 |
| 97 | Biomedical polymers: synthesis, properties, and applications.. <i>Science China Chemistry</i> , 2022 , 1-66 | 7.9 | 11 |
| 96 | Glutathione Responsive β -Cyclodextrin Conjugated S-Nitrothiols as a Carrier for Intracellular Delivery of Nitric Oxide. <i>Bioconjugate Chemistry</i> , 2019 , 30, 583-591 | 6.3 | 10 |
| 95 | mRNA Guided Intracellular Self-Assembly of DNA-Gold Nanoparticle Conjugates as a Precise Trigger to Up-Regulate Cell Apoptosis and Activate Photothermal Therapy. <i>Bioconjugate Chemistry</i> , 2019 , 30, 1763-1772 | 6.3 | 10 |
| 94 | Photothermal Spongy Film for Enhanced Surface-Mediated Transfection to Primary Cells.. <i>ACS Applied Bio Materials</i> , 2019 , 2, 2676-2684 | 4.1 | 10 |
| 93 | One-step preparation of reduction-responsive cross-linked gemcitabine prodrug micelles for intracellular drug delivery. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019 , 181, 94-101 | 6 | 10 |
| 92 | Construction of albumin multilayer coating onto plasma treated poly(vinyl chloride) via electrostatic self-assembly. <i>Polymers for Advanced Technologies</i> , 2004 , 15, 490-494 | 3.2 | 10 |
| 91 | Antimicrobial nanomedicine for ocular bacterial and fungal infection. <i>Drug Delivery and Translational Research</i> , 2021 , 11, 1352-1375 | 6.2 | 10 |
| 90 | Drug-eluting intraocular lens with sustained bromfenac release for conquering posterior capsular opacification. <i>Bioactive Materials</i> , 2022 , 9, 343-357 | 16.7 | 10 |
| 89 | Abrp, a new gene, confers reduced susceptibility to tetracycline, glycylcine, chloramphenicol and fosfomycin classes in <i>Acinetobacter baumannii</i> . <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2016 , 35, 1371-5 | 5.3 | 10 |
| 88 | Improved Antithrombotic Function of Oriented Endothelial Cell Monolayer on Microgrooves. <i>ACS Biomaterials Science and Engineering</i> , 2018 , 4, 1976-1985 | 5.5 | 10 |
| 87 | Humidity-Triggered Relaxation of Polyelectrolyte Complexes as a Robust Approach to Generate Extracellular Matrix Biomimetic Films. <i>Advanced Healthcare Materials</i> , 2020 , 9, e2000381 | 10.1 | 9 |
| 86 | Cucurbit[8]uril-based stimuli-responsive films as a sacrificial layer for preparation of free-standing thin films. <i>Chemical Communications</i> , 2015 , 51, 1576-8 | 5.8 | 9 |
| 85 | The renaissance of nitric oxide: from improvement of stability to enhancement of endocytosis. <i>Materials Chemistry Frontiers</i> , 2018 , 2, 830-834 | 7.8 | 8 |
| 84 | Synthesis and characterization of cholesterol-poly(ethylene glycol)-poly(D,L-lactic acid) copolymers for promoting osteoblast attachment and proliferation. <i>Journal of Materials Science: Materials in Medicine</i> , 2006 , 17, 899-909 | 4.5 | 8 |
| 83 | Selective binding of albumin on stearyl poly(ethylene oxide) coupling polymer-modified poly(ether urethane) surfaces. <i>Journal of Biomaterials Science, Polymer Edition</i> , 2001 , 12, 1123-46 | 3.5 | 8 |

| | | | |
|----|--|------|---|
| 82 | Hierarchical Capillary Coating to Biofunctionalize Drug-Eluting Stent for Improving Endothelium Regeneration. <i>Research</i> , 2020 , 2020, 1458090 | 7.8 | 8 |
| 81 | Versatile and Functional Surface Patterning of Breath Figure Pore Formation via Solvent Treatment. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 47048-47058 | 9.5 | 8 |
| 80 | Synchronously boosting type-I photodynamic and photothermal efficacies via molecular manipulation for pancreatic cancer theranostics in the NIR-II window.. <i>Biomaterials</i> , 2022 , 283, 121476 | 15.6 | 8 |
| 79 | A NIR-II emissive polymer AIEgen for imaging-guided photothermal elimination of bacterial infection. <i>Biomaterials</i> , 2022 , 121579 | 15.6 | 8 |
| 78 | Enhanced electrochemical stimuli multilayers based on a ferrocene-containing polymer. <i>Science Bulletin</i> , 2015 , 60, 936-942 | 10.6 | 7 |
| 77 | Macromolecular Platform with Super-Cation Enhanced Trans-Cornea Infiltration for Noninvasive Nitric Oxide Delivery in Ocular Therapy. <i>ACS Nano</i> , 2020 , | 16.7 | 7 |
| 76 | Structure-Switchable DNA Programmed Disassembly of Nanoparticles for Smart Size Tunability and Cancer-Specific Drug Release. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 22560-22571 | 9.5 | 7 |
| 75 | Surface-Mediated Stimuli-Responsive Gene Delivery Based on Breath Figure Film Combined with Matrix Metalloproteinase-Sensitive Hydrogel. <i>ACS Biomaterials Science and Engineering</i> , 2019 , 5, 6610-6616 | 5.5 | 7 |
| 74 | pH-Triggered DNA delivery based on multilayer film of DNA polyplexes and charge-reversible poly(ethylenimine). <i>Thin Solid Films</i> , 2012 , 520, 5426-5430 | 2.2 | 7 |
| 73 | Phosphorylcholine functionalized dendrimers for the formation of highly stable and reactive gold nanoparticles and their glucose conjugation for biosensing. <i>Journal of Nanoparticle Research</i> , 2011 , 13, 4075-4083 | 2.3 | 7 |
| 72 | Thermosensitive Nanocables Prepared by Surface-Initiated Atom Transfer Radical Polymerization. <i>Nanoscale Research Letters</i> , 2009 , 4, 84-89 | 5 | 7 |
| 71 | Enzyme biocatalyst route to superhydrophobic surfaces on microstructured poly(ethylene terephthalate) film. <i>Thin Solid Films</i> , 2009 , 517, 3681-3685 | 2.2 | 7 |
| 70 | ESR spectroscopy to determine the molecular mobility of poly(ethylene oxide) grafts in amphiphilic graft copolymers. <i>Macromolecular Rapid Communications</i> , 1998 , 19, 473-477 | 4.8 | 7 |
| 69 | A novel urethane containing copolymer as a surface modification additive for blood contact materials. <i>Journal of Materials Science: Materials in Medicine</i> , 2002 , 13, 677-84 | 4.5 | 7 |
| 68 | Dynamic Porous Pattern through Controlling Noncovalent Interactions in Polyelectrolyte Film for Sequential and Regional Encapsulation. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 42081-42088 | 9.5 | 7 |
| 67 | Spraying layer-by-layer assembly film based on the coordination bond of bioinspired polydopamineBeIII. <i>Thin Solid Films</i> , 2016 , 600, 76-82 | 2.2 | 7 |
| 66 | Zwitterionic Reduction-Activated Supramolecular Prodrug Nanocarriers for Photodynamic Ablation of Cancer Cells. <i>Langmuir</i> , 2019 , 35, 1919-1926 | 4 | 7 |
| 65 | Rapid Buildup Arrays with Orthogonal Biochemistry Gradients via Light-Induced Thiol-Ene "Click" Chemistry for High-Throughput Screening of Peptide Combinations. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 20243-20252 | 9.5 | 7 |

| | | | |
|----|--|------|---|
| 64 | Chlorin e6 (Ce6)-loaded supramolecular polypeptide micelles with enhanced photodynamic therapy effect against <i>Pseudomonas aeruginosa</i> . <i>Chemical Engineering Journal</i> , 2021 , 417, 129334 | 14.7 | 7 |
| 63 | miR-22 eluting cardiovascular stent based on a self-healable spongy coating inhibits in-stent restenosis. <i>Bioactive Materials</i> , 2021 , 6, 4686-4696 | 16.7 | 7 |
| 62 | Supramolecular Micelles and Reverse Micelles Based on Cyclodextrin Polyrotaxanes. <i>Chinese Journal of Chemistry</i> , 2014 , 32, 73-77 | 4.9 | 6 |
| 61 | Loop-Tail Self-Assembly and Surface Architecture of Polystyrene-graft- <i>n</i> -stearyl-poly(ethylene oxide). <i>Langmuir</i> , 2003 , 19, 2643-2648 | 4 | 6 |
| 60 | Surface Metallization of Porous Polymer Materials for Multifunctional Applications. <i>Langmuir</i> , 2020 , 36, 1454-1461 | 4 | 5 |
| 59 | Layer by layer self-assembly of poly[2-(methacryloyloxy) ethyl phosphorylcholine] multilayer via the ionic complexation with zirconium. <i>Colloids and Surfaces B: Biointerfaces</i> , 2012 , 94, 22-6 | 6 | 5 |
| 58 | Delivery of surface-mediated non-viral gene nanoparticles from ultrathin layer-by-layer multilayers. <i>Science China Chemistry</i> , 2010 , 53, 508-513 | 7.9 | 5 |
| 57 | The effect of formation of the liquid crystalline phase on the blood compatibility of a cholesterol modified silicone. <i>Journal of Materials Science: Materials in Medicine</i> , 2005 , 16, 277-82 | 4.5 | 5 |
| 56 | Electrospun fiber membrane with asymmetric NO release for the differential regulation of cell growth. <i>Bio-Design and Manufacturing</i> , 2021 , 4, 469-478 | 4.7 | 5 |
| 55 | Periodic Stratified Porous Structures in Dynamic Polyelectrolyte Films Through Standing-Wave Optical Crosslinking for Structural Color. <i>Advanced Science</i> , 2021 , 8, e2100402 | 13.6 | 5 |
| 54 | Deep Mining of Subtle Differences in Cell Morphology via Deep Learning. <i>Advanced Theory and Simulations</i> , 2021 , 4, 2000172 | 3.5 | 5 |
| 53 | Nanostructured Multilayer Films Assembled from Poly(dopamine)-Coated Carbon Nanotubes for Controlling Cell Behavior. <i>ChemNanoMat</i> , 2017 , 3, 319-327 | 3.5 | 4 |
| 52 | Spatially Confining Surface Roughness on Exponentially Growing Polyelectrolyte Multilayer Films. <i>Advanced Materials Interfaces</i> , 2019 , 6, 1900702 | 4.6 | 4 |
| 51 | Mixed-charge bionanointerfaces: Opposite charges work in harmony to meet the challenges in biomedical applications. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2020 , 12, e1600 | 9.2 | 4 |
| 50 | Aggregation-Induced Emission-Based Platforms for the Treatment of Bacteria, Fungi, and Viruses. <i>Advanced Healthcare Materials</i> , 2021 , e2100736 | 10.1 | 4 |
| 49 | Polydopamine nanoparticles with different sizes for NIR-promoted gene delivery and synergistic photothermal therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 208, 112125 | 6 | 4 |
| 48 | A gene-coated microneedle patch based on industrialized ultrasonic spraying technology with a polycation vector to improve antitumor efficacy. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 5528-5536 | 7.3 | 4 |
| 47 | On-Demand Shape Recovery Kinetics Modulation with a Wide Regulation Range and Spatially Heterogeneous Shape Recovery Rate. <i>Journal of Physical Chemistry C</i> , 2017 , 121, 11144-11150 | 3.8 | 3 |

| | | | |
|----|---|------|---|
| 46 | Precise 2D-Patterned Incompatible Catalysts for Reactions in One-Pot. <i>Chemistry - A European Journal</i> , 2019 , 25, 13640-13646 | 4.8 | 3 |
| 45 | Methemoglobin as a redox-responsive nanocarrier to trigger the in situ anticancer ability of artemisinin. <i>NPG Asia Materials</i> , 2017 , 9, e423-e423 | 10.3 | 3 |
| 44 | Therapy effects of gold nanorods on the CNE-1 nasopharyngeal carcinoma cell line. <i>Drug Design, Development and Therapy</i> , 2012 , 6, 297-301 | 4.4 | 3 |
| 43 | A QCM Biosensor Based on Gold Nanoparticles Amplification for Real-time Bacteria DNA Detection 2007 , | | 3 |
| 42 | Surface tailoring of poly(ethylene terephthalate) via ligand-tethered comb-like PEG to enhance endothelialization. <i>Journal of Materials Science: Materials in Medicine</i> , 2008 , 19, 291-9 | 4.5 | 3 |
| 41 | Polymer coated nanodiamonds as gemcitabine prodrug with enzymatic sensitivity for pancreatic cancer treatment. <i>Progress in Natural Science: Materials International</i> , 2020 , 30, 711-717 | 3.6 | 3 |
| 40 | Photodynamic Theranostics: Glutathione Activatable Photosensitizer-Conjugated Pseudopolyrotaxane Nanocarriers for Photodynamic Theranostics (Small 45/2016). <i>Small</i> , 2016 , 12, 6178 ¹¹ -6178 ³ | | |
| 39 | Modulation of cell behaviors by electrochemically active polyelectrolyte multilayers. <i>E-Polymers</i> , 2014 , 14, 297-304 | 2.7 | 2 |
| 38 | Fabrication of alternating polycation and albumin multilayer coating by electrostatic layer-by-layer adsorption. <i>Journal of Materials Science</i> , 2004 , 39, 349-351 | 4.3 | 2 |
| 37 | A novel crosslinkable polymer as drug-loaded coating for biomedical device. <i>Journal of Materials Science: Materials in Medicine</i> , 2004 , 15, 137-43 | 4.5 | 2 |
| 36 | Stimuli-responsive nanoplatfoms for antibacterial applications.. <i>Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology</i> , 2022 , e1775 | 9.2 | 2 |
| 35 | Fabrication of "Spongy Skin" on Diversified Materials Based on Surface Swelling Non-Solvent-Induced Phase Separation. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 57000-57008 | 9.5 | 2 |
| 34 | Bioinspired NO release coating enhances endothelial cells and inhibits smooth muscle cells. <i>Journal of Materials Chemistry B</i> , 2021 , | 7.3 | 2 |
| 33 | Introduction of lactobionic acid ligand into mixed-charge nanoparticles to realize in situ triggered active targeting to hepatoma cells. <i>Materials Today Bio</i> , 2019 , 4, 100034 | 9.9 | 2 |
| 32 | The influence of substrate stiffness on osteogenesis of vascular smooth muscle cells. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021 , 197, 111388 | 6 | 2 |
| 31 | Rapid build-up of high-throughput screening microarrays with biochemistry gradients via light-induced thiol-ene "click" chemistry. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 3032-3037 | 7.3 | 2 |
| 30 | High-throughput hyaluronic acid hydrogel arrays for cell selective adhesion screening. <i>Journal of Materials Chemistry B</i> , 2021 , 9, 4024-4030 | 7.3 | 2 |
| 29 | The relief of hypoxic microenvironment using an O ₂ self-sufficient fluorinated nanoplatfom for enhanced photodynamic eradication of bacterial biofilms. <i>Nano Research</i> , 1 | 10 | 2 |

| | | | |
|----|---|------|---|
| 28 | Build an implanted "arsenal": detachable microneedles for NIR-triggered cancer photothermo-chemotherapy. <i>Biomaterials Science</i> , 2021 , 9, 4737-4745 | 7.4 | 2 |
| 27 | Facile Synthesis of Zn 2+ -Based Hybrid Nanoparticles as a New Paradigm for the Treatment of Internal Bacterial Infections. <i>Advanced Functional Materials</i> , 2109011 | 15.6 | 2 |
| 26 | pH-Responsive supramolecular prodrug micelles based on cucurbit[8]uril for intracellular drug delivery. <i>Journal of Controlled Release</i> , 2015 , 213, e134-5 | 11.7 | 1 |
| 25 | The effect of a cholesterol liquid crystalline structure on osteoblast cell behavior. <i>Biomedical Materials (Bristol)</i> , 2009 , 4, 025010 | 3.5 | 1 |
| 24 | Cholesterol Tethered Poly(DL-Lactic Acid) for Promoting Osteoblast Attachment and Growth. <i>Journal of Bioactive and Compatible Polymers</i> , 2005 , 20, 527-540 | 2 | 1 |
| 23 | Fabrication of programmed photosensitizer-conjugated nanoassemblies by dual supramolecular self-assembly for photodynamic therapy of orthotopic hepatoma. <i>Chemical Engineering Journal</i> , 2022 , 435, 134930 | 14.7 | 1 |
| 22 | A Bioinspired Hydrogel-Elastomer Hybrid Surface for Enhanced Mechanical Properties and Lubrication. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 50461-50469 | 9.5 | 1 |
| 21 | New Morphogenetic Strategy Inspired by the Viscoelasticity of Polymers. <i>ACS Applied Materials & Interfaces</i> , 2020 , 12, 36620-36627 | 9.5 | 1 |
| 20 | Intraocular Lens with Mussel-Inspired Coating for Preventing Posterior Capsule Opacification via Photothermal Effect.. <i>ACS Applied Bio Materials</i> , 2021 , 4, 3579-3586 | 4.1 | 1 |
| 19 | A facile method for high-throughput screening of drug-eluting coatings in droplet microarrays based on ultrasonic spray deposition. <i>Biomaterials Science</i> , 2021 , 9, 6787-6794 | 7.4 | 1 |
| 18 | Nitric oxide pretreatment enhances ofloxacin susceptibility of biofilm concomitant with exopolysaccharide depletion. <i>Colloids and Interface Science Communications</i> , 2021 , 41, 100371 | 5.4 | 1 |
| 17 | Emerging pro-drug and nano-drug strategies for gemcitabine-based cancer therapy.. <i>Asian Journal of Pharmaceutical Sciences</i> , 2022 , 17, 35-52 | 9 | 1 |
| 16 | A deep-learning-based workflow to deal with the defocusing problem in high-throughput experiments.. <i>Bioactive Materials</i> , 2022 , 11, 218-229 | 16.7 | 1 |
| 15 | The substrate stiffness at physiological range significantly modulates vascular cell behavior.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 214, 112483 | 6 | 1 |
| 14 | Anti-Oxidative and Anti-Inflammatory Micelles: Break the Dry Eye Vicious Cycle.. <i>Advanced Science</i> , 2022 , e2200435 | 13.6 | 1 |
| 13 | Dynamically softened substrate regulates malignancy of breast tumor cells. <i>Science China Materials</i> , 2021 , 64, 2580-2592 | 7.1 | 0 |
| 12 | Gradient Porous Structure Templated by Breath Figure Method. <i>Langmuir</i> , 2021 , 37, 6016-6021 | 4 | 0 |
| 11 | Actuators: Combining 3D Printing with Electrospinning for Rapid Response and Enhanced Designability of Hydrogel Actuators (Adv. Funct. Mater. 19/2018). <i>Advanced Functional Materials</i> , 2018 , 28, 1870124 | 15.6 | 0 |

- 10 Dynamic Structural Controlment for the Functionalization of Polyelectrolyte Multilayer Films **2022**, 100016 ○
- 9 Rapid and In Situ Synthesis of Gold Nanoparticles in Redox Multilayer Film for Biosensor Applications. *ChemNanoMat*, **2019**, 5, 1515-1520 3.5
- 8 Polyelectrolyte Multilayers as Robust Coating for Cardiovascular Biomaterials **2015**, 399-418
- 7 Zwitterionic pendant polymer and doxorubicin decorated Cyclodextrin guest-host micelles for efficient drug delivery. *Journal of Controlled Release*, **2015**, 213, e129-30 11.7
- 6 Camptothecin-conjugated biodegradable prodrug micelles for theranostic near-infrared fluorescent imaging and intracellular drug release. *Journal of Controlled Release*, **2015**, 213, e37 11.7
- 5 Light and pH dual responsive polyion complex micelles for efficient protein delivery. *Journal of Controlled Release*, **2015**, 213, e90-1 11.7
- 4 Laser-triggered Interfacial Generation of ROS Promotes a Rapid Fabrication of Polydopamine Coating. *Macromolecular Materials and Engineering*, 2100987 3.9
- 3 FABRICATING OF DOUBLE NETWORK ENHANCED FREE-STANDING MULTILAYER FILM. *Acta Polymerica Sinica*, **2011**, 011, 908-912
- 2 Ratiometrically Designed Nanocarrier to Impact Major Cancer Pathways for Effective Pancreatic Cancer Treatment. *Chemical Research in Chinese Universities*, **2020**, 36, 1143-1144 2.2
- 1 Label-Free and In Situ Identification of Cells via Combinational Machine Learning Models.. *Small Methods*, **2021**, e2101405 12.8