# Bin Yang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2115327/publications.pdf

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|---|---|---|---|
| 47<br>papers | 1,646<br>citations | 279798<br>23<br>h-index | 289244<br>40<br>g-index |
| 48<br>all docs | 48<br>docs citations | 48<br>times ranked | 2273<br>citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Recent advances in nanomedicines for photodynamic therapy (PDT)-driven cancer immunotherapy. Theranostics, 2022, 12, 434-458. | 10.0 | 154 |
| 2 | Mitochondria and plasma membrane dual-targeted chimeric peptide for single-agent synergistic photodynamic therapy. Biomaterials, 2019, 188, 1-11. | 11.4 | 135 |
| 3 | Nanomedicine-based tumor photothermal therapy synergized immunotherapy. Biomaterials Science, 2020, 8, 5241-5259. | 5.4 | 109 |
| 4 | Hyperbranchedâ€“hyperbranched polymeric nanoassembly to mediate controllable co-delivery of siRNA and drug for synergistic tumor therapy. Journal of Controlled Release, 2015, 216, 9-17. | 9.9 | 85 |
| 5 | Nanomedicineâ€Boosting Tumor Immunogenicity for Enhanced Immunotherapy. Advanced Functional Materials, 2021, 31, 2011171. | 14.9 | 84 |
| 6 | Simultaneous detection of MCF-7 and HepG2 cells in blood by ICP-MS with gold nanoparticles and quantum dots as elemental tags. Biosensors and Bioelectronics, 2017, 90, 343-348. | 10.1 | 66 |
| 7 | Immunomagnetic Separation Combined with Inductively Coupled Plasma Mass Spectrometry for the Detection of Tumor Cells Using Gold Nanoparticle Labeling. Analytical Chemistry, 2014, 86, 8082-8089. | 6.5 | 65 |
| 8 | A pH-responsive drug nanovehicle constructed by reversible attachment of cholesterol to PEGylated poly(l-lysine) via catecholâ€“boronic acid ester formation. Acta Biomaterialia, 2014, 10, 3686-3695. | 8.3 | 63 |
| 9 | Efficient nuclear drug translocation and improved drug efficacy mediated by acidity-responsive boronate-linked dextran/cholesterol nanoassembly. Biomaterials, 2015, 52, 281-290. | 11.4 | 61 |
| 10 | Hostâ€“Guest Interaction-Based Self-Engineering of Nano-Sized Vesicles for Co-Delivery of Genes and Anticancer Drugs. ACS Applied Materials & Interfaces, 2015, 7, 22084-22094. | 8.0 | 60 |
| 11 | Effect of microcrystal cellulose and cellulose whisker on biocompatibility of cellulose-based electrospun scaffolds. Cellulose, 2013, 20, 1911-1923. | 4.9 | 54 |
| 12 | Triple-stimuli (pH/thermo/reduction) sensitive copolymers for intracellular drug delivery. Journal of Materials Chemistry B, 2013, 1, 1860. | 5.8 | 50 |
| 13 | Quantum Dots Labeling Strategy for â€œCounting and Visualizationâ€•of HepG2 Cells. Analytical Chemistry, 2017, 89, 1879-1886. | 6.5 | 43 |
| 14 | Thermo-responsive shell cross-linked PMMA-b-P(NIPAAm-co-NAS) micelles for drug delivery. International Journal of Pharmaceutics, 2011, 420, 333-340. | 5.2 | 42 |
| 15 | Selfâ€Assembled Vehicle Construction via Boronic Acid Coupling and Hostâ€“Guest Interaction for Serumâ€Tolerant DNA Transport and pHâ€Responsive Drug Delivery. Advanced Healthcare Materials, 2014, 3, 596-608. | 7.6 | 41 |
| 16 | Multifunctional Gold Nanocluster Decorated Metalâ€“Organic Framework for Real-Time Monitoring of Targeted Drug Delivery and Quantitative Evaluation of Cellular Therapeutic Response. Analytical Chemistry, 2019, 91, 10596-10603. | 6.5 | 41 |
| 17 | Metal-polyphenol-coordinated nanomedicines for Fe(II) catalyzed photoacoustic-imaging guided mild hyperthermia-assisted ferroustherapy against breast cancer. Chinese Chemical Letters, 2022, 33, 1895-1900. | 9.0 | 33 |
| 18 | A multifunctional probe for ICP-MS determination and multimodal imaging of cancer cells. Biosensors and Bioelectronics, 2017, 96, 77-83. | 10.1 | 29 |

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|---|---|---|---|
| 19 | Crosslinked triblock copolymeric micelle for redox-responsive drug delivery. Colloids and Surfaces B: Biointerfaces, 2014, 122, 223-230. | 5.0 | 26 |
| 20 | High-throughput single-cell analysis of exosome mediated dual drug delivery, in vivo fate and synergistic tumor therapy. Nanoscale, 2020, 12, 13742-13756. | 5.6 | 26 |
| 21 | Construction of mixed micelle with cross-linked core and dual responsive shells. Polymer Chemistry, 2011, 2, 923. | 3.9 | 25 |
| 22 | Chimeric peptide nanorods for plasma membrane and nuclear targeted photosensitizer delivery and enhanced photodynamic therapy. Applied Materials Today, 2019, 16, 120-131. | 4.3 | 24 |
| 23 | Synergy of CO<sub>2</sub> Response and Aggregation-Induced Emission in a Block Copolymer: A Facile Way To â€œSeeâ€•Cancer Cells. ACS Applied Materials & Interfaces, 2019, 11, 37077-37083. | 8.0 | 23 |
| 24 | A nanoprobe based on molybdenum disulfide nanosheets and silver nanoclusters for imaging and quantification of intracellular adenosine triphosphate. Analytica Chimica Acta, 2020, 1134, 75-83. | 5.4 | 23 |
| 25 | Versatile Nanodrugs Containing Glutathione and Heme Oxygenase 1 Inhibitors Enable Suppression of Antioxidant Defense System in a Twoâ€Pronged Manner for Enhanced Photodynamic Therapy. Advanced Healthcare Materials, 2021, 10, e2100770. | 7.6 | 22 |
| 26 | Bioinspired Cryoprotectants of Glucose-Based Carbon Dots. ACS Applied Bio Materials, 2020, 3, 3785-3791. | 4.6 | 21 |
| 27 | A Biohybrid Lurker-to-Attacker Strategy To Solve Inherent Dilemma of Positively Charged Delivery Nanoparticles. Chemistry of Materials, 2017, 29, 2227-2231. | 6.7 | 20 |
| 28 | Photoacoustic imaging as a highly efficient and precise imaging strategy for the evaluation of brain diseases. Quantitative Imaging in Medicine and Surgery, 2021, 11, 2169-2186. | 2.0 | 20 |
| 29 | Folate-conjugated amphiphilic block copolymers for targeted and efficient delivery of doxorubicin. Colloids and Surfaces B: Biointerfaces, 2014, 115, 253-259. | 5.0 | 18 |
| 30 | A linear-dendritic cationic vector for efficient DNA grasp and delivery. Acta Biomaterialia, 2012, 8, 2121-2132. | 8.3 | 17 |
| 31 | Utilization of H-bond interaction of nucleobase Uralic with antitumor methotrexate to design drug carrier with ultrahigh loading efficiency and pH-responsive drug release. International Journal of Energy Production and Management, 2014, 1, 27-35. | 3.7 | 16 |
| 32 | Loading of metal isotope-containing intercalators for mass cytometry-based high-throughput quantitation of exosome uptake at the single-cell level. Biomaterials, 2020, 255, 120152. | 11.4 | 15 |
| 33 | Polymeric assembly of hyperbranched building blocks to establish tunable nanoplatforms for lysosome acidity-responsive gene/drug co-delivery. Biomaterials Science, 2015, 3, 1066-1077. | 5.4 | 14 |
| 34 | Folate-conjugated amphiphilic block copolymer micelle for targeted and redox-responsive delivery of doxorubicin. Journal of Biomaterials Science, Polymer Edition, 2018, 29, 92-106. | 3.5 | 14 |
| 35 | Construction of a Phenylboronic Acid-Functionalized Nano-Prodrug for pH-Responsive Emodin Delivery and Antibacterial Activity. ACS Omega, 2021, 6, 8672-8679. | 3.5 | 14 |
| 36 | In vivoÂMulti-scaleÂPhotoacoustic Imaging Guided Photothermal Therapy of Cervical Cancer based on Customized Laser System and Targeted Nanoparticles. International Journal of Nanomedicine, 2021, Volume 16, 2879-2896. | 6.7 | 12 |

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|---|---|---|---|
| 37 | Elemental-tagged immunoassay combined with inductively coupled plasma mass spectrometry for the detection of tumor cells using a lead sulfide nanoparticle label. Talanta, 2017, 167, 499-505. | 5.5 | 11 |
| 38 | Chain conformation transition induced hostâ€“guest assembly between triple helical curdlan and Î²-CD for drug delivery. Biomaterials Science, 2020, 8, 1638-1648. | 5.4 | 11 |
| 39 | Stimuli-responsive polymeric nanomaterials for rheumatoid arthritis therapy. Biophysics Reports, 2020, 6, 193-210. | 0.8 | 10 |
| 40 | Oligoamines grafted hyperbranched polyether as high efficient and serum-tolerant gene vectors. Colloids and Surfaces B: Biointerfaces, 2013, 111, 732-740. | 5.0 | 9 |
| 41 | Autocatalytic polymerization of selenium/polypyrrole nanocomposites as functional theranostic agents for multi-spectral photoacoustic imaging and photothermal therapy of tumor. Materials Today Chemistry, 2020, 17, 100344. | 3.5 | 8 |
| 42 | Template-module assembly to prepare low-molecular-weight gene transport system with enhanced transmembrane capability. Science China Chemistry, 2014, 57, 558-567. | 8.2 | 7 |
| 43 | MRI reporter gene MagA suppresses transferrin receptor and maps Fe2+ dependent lung cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2019, 21, 102064. | 3.3 | 7 |
| 44 | Enhanced antibacterial effect of polypyrazole-graphene oxide composite. Macromolecular Research, 2017, 25, 21-26. | 2.4 | 6 |
| 45 | Acidityâ€Induced Destabilization of Nanoâ€Sized Supramolecular Linearâ€Hyperbranched Polymersome for Controlled Release of Encapsulated Cargoes. Macromolecular Bioscience, 2016, 16, 175-181. | 4.1 | 5 |
| 46 | Increasing the Production of Reactive Oxygen Species through a Ferroptosis Pathway Disrupts the Redox Balance of Tumor Cells for Cancer Treatment. ACS Applied Polymer Materials, 2022, 4, 5001-5011. | 4.4 | 4 |
| 47 | Facile synthesis of low-polydispersity block copolymer vesicles by azide-zwitterion cycloaddition. Journal of Macromolecular Science - Pure and Applied Chemistry, 2017, 54, 60-64. | 2.2 | 0 |