

# Zhuo Chen

## List of Publications by Year in descending order

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122  
papers

5,011  
citations

87843

38  
h-index

102432

66  
g-index

126  
all docs

126  
docs citations

126  
times ranked

6373  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Lanthanide-Doped LiLuF <sub>4</sub> Upconversion Nanoprobes for the Detection of Disease Biomarkers. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1252-1257.   | 7.2 | 397       |
| 2  | Amine-Functionalized Lanthanide-Doped KGdF <sub>4</sub> Nanocrystals as Potential Optical/Magnetic Multimodal Bioprobes. <i>Journal of the American Chemical Society</i> , 2012, 134, 1323-1330.   | 6.6 | 372       |
| 3  | Amine-Functionalized Lanthanide-Doped Zirconia Nanoparticles: Optical Spectroscopy, Time-Resolved Fluorescence Resonance Energy Transfer Biodetection, and Targeted Imaging. <i>Journal of the American Chemical Society</i> , 2012, 134, 15083-15090. | 6.6 | 221       |
| 4  | Sub-10-nm Lanthanide-Doped CaF <sub>2</sub> Nanoprobes for Time-Resolved Luminescent Biodetection. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6671-6676.   | 7.2 | 185       |
| 5  | Multifunctional Nano-Bioprobes Based on Rattle-Structured Upconverting Luminescent Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 7915-7919.  | 7.2 | 145       |
| 6  | Methylcrotonyl-CoA Carboxylase Regulates Triacylglycerol Accumulation in the Model Diatom <i>Phaeodactylum tricornutum</i> . <i>Plant Cell</i> , 2014, 26, 1681-1697.  | 3.1 | 136       |
| 7  | Lanthanide-doped upconversion nanoparticles electrostatically coupled with photosensitizers for near-infrared-triggered photodynamic therapy. <i>Nanoscale</i> , 2014, 6, 8274.  | 2.8 | 133       |
| 8  | Rechargeable and LED-activated ZnGa <sub>2</sub> O <sub>4</sub> :Cr <sup>3+</sup> near-infrared persistent luminescence nanoprobes for background-free biodetection. <i>Nanoscale</i> , 2017, 9, 6846-6853.  | 2.8 | 128       |
| 9  | Multiplexed five-color molecular imaging of cancer cells and tumor tissues with carbon nanotube Raman tags in the near-infrared. <i>Nano Research</i> , 2010, 3, 222-233.  | 5.8 | 123       |
| 10 | Outstanding drug loading capacity by water stable microporous MOF: a potential drug carrier. <i>Chemical Communications</i> , 2016, 52, 3669-3672.   | 2.2 | 120       |
| 11 | Lanthanide-doped luminescent nano-bioprobes for the detection of tumor markers. <i>Nanoscale</i> , 2015, 7, 4274-4290.   | 2.8 | 101       |
| 12 | Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR Luminescence Imaging. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18981-18986.   | 7.2 | 92        |
| 13 | Near-infrared-triggered antibacterial and antifungal photodynamic therapy based on lanthanide-doped upconversion nanoparticles. <i>Nanoscale</i> , 2018, 10, 15485-15495.  | 2.8 | 90        |
| 14 | Time-resolved luminescent biosensing based on inorganic lanthanide-doped nanoprobes. <i>Chemical Communications</i> , 2015, 51, 4129-4143.   | 2.2 | 85        |
| 15 | Be Active or Not: the Relative Contribution of Active and Passive Tumor Targeting of Nanomaterials. <i>Nanotheranostics</i> , 2017, 1, 346-357.  | 2.7 | 76        |
| 16 | Lanthanide-doped NaScF <sub>4</sub> nanoprobes: crystal structure, optical spectroscopy and biodetection. <i>Nanoscale</i> , 2013, 5, 6430.  | 2.8 | 74        |
| 17 | The PI3K subunits, P110 <sup>α</sup> and P110 <sup>β</sup> are potential targets for overcoming P-gp and BCRP-mediated MDR in cancer. <i>Molecular Cancer</i> , 2020, 19, 10.  | 7.9 | 72        |
| 18 | Sub-5 nm lanthanide-doped lutetium oxyfluoride nanoprobes for ultrasensitive detection of prostate specific antigen. <i>Chemical Science</i> , 2016, 7, 2572-2578.   | 3.7 | 71        |

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|----|--|-----|-----------|
| 19 | In vitro upconverting/downshifting luminescent detection of tumor markers based on Eu <sup>3+</sup> -activated core-shell lanthanide nanoprobe. <i>Chemical Science</i> , 2016, 7, 5013-5019.  | 3.7 | 68        |
| 20 | Synergistic Lysozyme-Photodynamic Therapy Against Resistant Bacteria based on an Intelligent Upconversion Nanoplatfrom. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 19201-19206.  | 7.2 | 67        |
| 21 | Broadband NIR photostimulated luminescence nanoprobe based on CaS:Eu <sup>2+</sup> ,Sm <sup>3+</sup> nanocrystals. <i>Chemical Science</i> , 2019, 10, 5452-5460.  | 3.7 | 65        |
| 22 | Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobe. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 12195-12199.   | 7.2 | 62        |
| 23 | A Novel Tumor Targeting Drug Carrier for Optical Imaging and Therapy. <i>Theranostics</i> , 2014, 4, 642-659.  | 4.6 | 61        |
| 24 | Composite of silver nanoparticles and photosensitizer leads to mutual enhancement of antimicrobial efficacy and promotes wound healing. <i>Chemical Engineering Journal</i> , 2019, 374, 1373-1381.                                      | 6.6 | 61        |
| 25 | Broadband excitable NIR-II luminescent nano-bioprobes based on CuInSe <sub>2</sub> quantum dots for the detection of circulating tumor cells. <i>Nano Today</i> , 2020, 35, 100943.  | 6.2 | 57        |
| 26 | Proteogenomic analysis and global discovery of posttranslational modifications in prokaryotes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E5633-42.                             | 3.3 | 55        |
| 27 | Zinc phthalocyanine conjugated with the amino-terminal fragment of urokinase for tumor-targeting photodynamic therapy. <i>Acta Biomaterialia</i> , 2014, 10, 4257-4268.  | 4.1 | 54        |
| 28 | Inorganic lanthanide nanoprobe for background-free luminescent bioassays. <i>Science China Materials</i> , 2015, 58, 156-177.  | 3.5 | 50        |
| 29 | Dissolution-Enhanced Luminescent Bioassay Based on Inorganic Lanthanide Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 12498-12502.   | 7.2 | 48        |
| 30 | Synthesis of novel nonlinear optical chromophores: achieving excellent electro-optic activity by introducing benzene derivative isolation groups into the bridge. <i>Journal of Materials Chemistry C</i> , 2015, 3, 11595-11604.        | 2.7 | 47        |
| 31 | Enhanced Photodynamic Efficacy of Zinc Phthalocyanine by Conjugating to Heptalysine. <i>Bioconjugate Chemistry</i> , 2012, 23, 2168-2172.  | 1.8 | 45        |
| 32 | Quantitative Proteomics Analysis Reveals Novel Insights into Mechanisms of Action of Long Noncoding RNA Hox Transcript Antisense Intergenic RNA (HOTAIR) in HeLa Cells*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1447-1463. | 2.5 | 44        |
| 33 | Integrated Transcriptomic and Proteomic Analysis of the Global Response of <i>Synechococcus</i> to High Light Stress*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1038-1053.   | 2.5 | 44        |
| 34 | Near-infrared-excited upconversion photodynamic therapy of extensively drug-resistant <i>Acinetobacter baumannii</i> based on lanthanide nanoparticles. <i>Nanoscale</i> , 2020, 12, 13948-13957.  | 2.8 | 43        |
| 35 | Pentalysine- <sup>2</sup> -Carbonylphthalocyanine Zinc: An Effective Tumor-Targeting Photosensitizer for Photodynamic Therapy. <i>ChemMedChem</i> , 2010, 5, 890-898.  | 1.6 | 40        |
| 36 | An effective zinc phthalocyanine derivative for photodynamic antimicrobial chemotherapy. <i>Journal of Luminescence</i> , 2014, 152, 103-107.  | 1.5 | 40        |

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|----|--|-----|-----------|
| 37 | Synthesis and characterization of a novel indoline based nonlinear optical chromophore with excellent electro-optic activity and high thermal stability by modifying the Î€-conjugated bridges. <i>Journal of Materials Chemistry C</i> , 2017, 5, 5111-5118.                | 2.7 | 40        |
| 38 | Rapid killing of bacteria by a new type of photosensitizer. <i>Applied Microbiology and Biotechnology</i> , 2017, 101, 4691-4700.  | 1.7 | 39        |
| 39 | Global Phosphoproteomic Analysis Reveals the Involvement of Phosphorylation in Aflatoxins Biosynthesis in the Pathogenic Fungus <i>Aspergillus flavus</i> . <i>Scientific Reports</i> , 2016, 6, 34078.  | 1.6 | 38        |
| 40 | Effects of Phosphorylation of Î² Subunits of Phycocyanins on State Transition in the Model Cyanobacterium <i>Synechocystis</i> sp. PCC 6803. <i>Plant and Cell Physiology</i> , 2015, 56, 1997-2013.   | 1.5 | 37        |
| 41 | Substituted zinc phthalocyanine as an antimicrobial photosensitizer for periodontitis treatment. <i>Journal of Porphyrins and Phthalocyanines</i> , 2011, 15, 293-299.   | 0.4 | 35        |
| 42 | Smart Photosensitizer: Tumor-Triggered Oncotherapy by Self-Assembly Photodynamic Nanodots. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 15369-15380.  | 4.0 | 34        |
| 43 | Diterpenoid UDP-Glycosyltransferases from Chinese Sweet Tea and <i>Ashitaba</i> Complete the Biosynthesis of Rubusoside. <i>Molecular Plant</i> , 2018, 11, 1308-1311.   | 3.9 | 34        |
| 44 | Structural Basis for Therapeutic Intervention of uPA/uPAR System. <i>Current Drug Targets</i> , 2011, 12, 1729-1743.   | 1.0 | 33        |
| 45 | &lt;p&gt;Tumor-targeting photodynamic therapy based on folate-modified polydopamine nanoparticles&lt;/p&gt;. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 6799-6812.  | 3.3 | 32        |
| 46 | Receptor-Targeting Phthalocyanine Photosensitizer for Improving Antitumor Photocytotoxicity. <i>PLoS ONE</i> , 2012, 7, e37051.  | 1.1 | 32        |
| 47 | Proteomics studies on stress responses in diatoms. <i>Proteomics</i> , 2015, 15, 3943-3953.  | 1.3 | 30        |
| 48 | Phthalocyanine-Biomolecule Conjugated Photosensitizers for Targeted Photodynamic Therapy and Imaging. <i>Current Drug Metabolism</i> , 2015, 16, 816-832.  | 0.7 | 30        |
| 49 | Enhancement of electro-optic properties of bis(N,N-diethyl)aniline based second order nonlinear chromophores by introducing a stronger electron acceptor and modifying the Î€-bridge. <i>Journal of Materials Chemistry C</i> , 2017, 5, 6704-6712.                          | 2.7 | 29        |
| 50 | Dual antimicrobial actions on modified fabric leads to inactivation of drug-resistant bacteria. <i>Dyes and Pigments</i> , 2017, 140, 236-243.   | 2.0 | 28        |
| 51 | Lysine Acetylome Analysis Reveals Photosystem II Manganese-stabilizing Protein Acetylation is Involved in Negative Regulation of Oxygen Evolution in Model Cyanobacterium <i>Synechococcus</i> sp. PCC 7002. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1297-1311. | 2.5 | 26        |
| 52 | Photodynamic antimicrobial chemotherapy using zinc phthalocyanine derivatives in treatment of bacterial skin infection. <i>Journal of Biomedical Optics</i> , 2016, 21, 018001.  | 1.4 | 24        |
| 53 | Molecular and structural basis of nucleoside diphosphate kinase-mediated regulation of spore and sclerotia development in the fungus <i>Aspergillus flavus</i> . <i>Journal of Biological Chemistry</i> , 2019, 294, 12415-12431.  | 1.6 | 24        |
| 54 | Novel nonlinear optical push-pull fluorene dyes chromophore as promising materials for telecommunications. <i>Journal of Materials Science: Materials in Electronics</i> , 2019, 30, 12180-12185.  | 1.1 | 24        |

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|----|--|-----|-----------|
| 55 | Multiplexed intracellular detection based on dual-excitation/dual-emission upconversion nanoprobos. <i>Nano Research</i> , 2020, 13, 1955-1961.  | 5.8 | 24        |
| 56 | Enhancing Dyeâ€Tripletâ€Sensitized Upconversion Emission Through the Heavyâ€Atom Effect in CsLu<sub>2</sub>F<sub>7</sub>:Yb/Er Nanoprobos. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .  | 7.2 | 24        |
| 57 | Synthesis of novel nonlinear optical chromophores: achieving enhanced electro-optic activity and thermal stability by introducing rigid steric hindrance groups into the julolidine donor. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1675-1684. | 2.7 | 23        |
| 58 | Dissociation of zinc phthalocyanine aggregation on bacterial surface is key for photodynamic antimicrobial effect. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 925-934.   | 0.4 | 23        |
| 59 | Nanoparticle Binding to Urokinase Receptor on Cancer Cell Surface Triggers Nanoparticle Disintegration and Cargo Release. <i>Theranostics</i> , 2019, 9, 884-899.  | 4.6 | 23        |
| 60 | A long-acting PAI-1 inhibitor reduces thrombus formation. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1338-1347.  | 1.8 | 22        |
| 61 | Pathway-specific enzymes from bamboo and crop leaves biosynthesize anti-nociceptive C-glycosylated flavones. <i>Communications Biology</i> , 2020, 3, 110.   | 2.0 | 22        |
| 62 | Proteomic analysis of post translational modifications in cyanobacteria. <i>Journal of Proteomics</i> , 2016, 134, 57-64.  | 1.2 | 20        |
| 63 | A novel bichromophore based on julolidine chromophores with enhanced transferring efficiency from hyperpolarizability $\chi^{(2)}$ to electro-optic activity. <i>Journal of Materials Chemistry C</i> , 2018, 6, 1031-1037.                              | 2.7 | 20        |
| 64 | Phthalocyanine-based photosensitizer with tumor-pH-responsive properties for cancer theranostics. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6080-6088.  | 2.9 | 20        |
| 65 | Mn <sup>2+</sup> -activated calcium fluoride nanoprobos for time-resolved photoluminescence biosensing. <i>Science China Materials</i> , 2019, 62, 130-137.  | 3.5 | 20        |
| 66 | A new class of luminescent nanoprobos based on main-group Sb <sup>3+</sup> emitters. <i>Nano Research</i> , 2022, 15, 179-185.   | 5.8 | 19        |
| 67 | CDK6-PI3K signaling axis is an efficient target for attenuating ABCB1/P-gp mediated multi-drug resistance (MDR) in cancer cells. <i>Molecular Cancer</i> , 2022, 21, 103.  | 7.9 | 19        |
| 68 | Dual actions of albumin packaging and tumor targeting enhance the antitumor efficacy and reduce the cardiotoxicity of doxorubicin in vivo. <i>International Journal of Nanomedicine</i> , 2015, 10, 5327.  | 3.3 | 17        |
| 69 | Household light source for potent photo-dynamic antimicrobial effect and wound healing in an infective animal model. <i>Biomedical Optics Express</i> , 2018, 9, 1006.   | 1.5 | 17        |
| 70 | Mechanisms of thrombosis and research progress on targeted antithrombotic drugs. <i>Drug Discovery Today</i> , 2021, 26, 2282-2302.  | 3.2 | 17        |
| 71 | A drug carrier targeting murine uPAR for photodynamic therapy and tumor imaging. <i>Acta Biomaterialia</i> , 2015, 23, 116-126.  | 4.1 | 16        |
| 72 | An efficient synergistic cancer therapy by integrating cell cycle inhibitor and photosensitizer into polydopamine nanoparticles. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2620-2629.   | 2.9 | 16        |

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|----|--|-----|-----------|
| 73 | Low-voltage polymer-stabilised blue-phase liquid crystals with oleic acid (OA)-modified LaF <sub>3</sub> nanoparticles. <i>Liquid Crystals</i> , 2018, 45, 1654-1660.  | 0.9 | 16        |
| 74 | A Magnetocatalytic Propelled Cobalt@Platinum@Graphene Navigator for Enhanced Tumor Penetration and Theranostics. <i>CCS Chemistry</i> , 2022, 4, 2382-2395.  | 4.6 | 16        |
| 75 | Targeting Tumor Cell Invasion and Dissemination <i>In Vivo</i> by an Aptamer That Inhibits Urokinase-type Plasminogen Activator through a Novel Multifunctional Mechanism. <i>Molecular Cancer Research</i> , 2012, 10, 1532-1543. | 1.5 | 15        |
| 76 | Photodynamic Oncotherapy Mediated by Gonadotropin-Releasing Hormone Receptors. <i>Journal of Medicinal Chemistry</i> , 2017, 60, 8667-8672.  | 2.9 | 15        |
| 77 | Targeting the autolysis loop of urokinase-type plasminogen activator with conformation-specific monoclonal antibodies. <i>Biochemical Journal</i> , 2011, 438, 39-51.  | 1.7 | 14        |
| 78 | Multifunctional Nano-Bioprobes Based on Rattle-Structured Upconverting Luminescent Nanoparticles. <i>Angewandte Chemie</i> , 2015, 127, 8026-8030.   | 1.6 | 14        |
| 79 | Hydrogen-Bonding-Induced H-Aggregation of Charge-Transfer Complexes for Ultra-Efficient Second Near-Infrared Region Photothermal Conversion. <i>CCS Chemistry</i> , 2022, 4, 2333-2343.  | 4.6 | 14        |
| 80 | Restricting Bond Rotations by Ring Fusion: A Novel Molecular Design Strategy to Improve Photodynamic Antibacterial Efficacy of AIE Photosensitizers. <i>ACS Applied Materials &amp; Interfaces</i> , 2022, 14, 17055-17064.        | 4.0 | 14        |
| 81 | Enhanced Antitumor Efficacy and Imaging Application of Photosensitizer-Formulated Paclitaxel. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 4221-4230.   | 4.0 | 13        |
| 82 | Graphene-Oxide-Modified Lanthanide Nanoprobes for Tumor-Targeted Visible/NIR Luminescence Imaging. <i>Angewandte Chemie</i> , 2019, 131, 19157-19162.  | 1.6 | 12        |
| 83 | Suppression of Tumor Growth and Metastases by Targeted Intervention in Urokinase Activity with Cyclic Peptides. <i>Journal of Medicinal Chemistry</i> , 2019, 62, 2172-2183.   | 2.9 | 12        |
| 84 | Embelin ameliorated sepsis-induced disseminated intravascular coagulation intensities by simultaneously suppressing inflammation and thrombosis. <i>Biomedicine and Pharmacotherapy</i> , 2020, 130, 110528.                       | 2.5 | 12        |
| 85 | Organic Dye Nanoparticles with a Special D <sub>π</sub> A Structure for Photoacoustic Imaging and Photothermal Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 5722-5729.   | 2.3 | 12        |
| 86 | Challenges for Drug Discovery - A Case Study of Urokinase Receptor Inhibition. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2009, 12, 961-967.   | 0.6 | 11        |
| 87 | Synthesis and characterization of two novel second-order nonlinear optical chromophores based on julolidine donors with excellent electro-optic activity. <i>RSC Advances</i> , 2016, 6, 99743-99751.                              | 1.7 | 11        |
| 88 | One-Step Transformation from Rofecoxib to a COX-2 NIR Probe for Human Cancer Tissue/Organoid Targeted Bioimaging. <i>ACS Applied Bio Materials</i> , 2021, 4, 2723-2731.   | 2.3 | 11        |
| 89 | A new class of nitrobenzoic acid-based AIE photosensitizers for highly efficient photodynamic antibacterial therapy. <i>Science China Materials</i> , 2021, 64, 2601-2612.   | 3.5 | 11        |
| 90 | Synergistic Lysozyme-Photodynamic Therapy Against Resistant Bacteria based on an Intelligent Upconversion Nanoplatform. <i>Angewandte Chemie</i> , 2021, 133, 19350-19355.   | 1.6 | 11        |

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|-----|---|-----|-----------|
| 91  | An effective zinc phthalocyanine derivative against multidrug-resistant bacterial infection. <i>Journal of Porphyrins and Phthalocyanines</i> , 2017, 21, 205-210.  | 0.4 | 10        |
| 92  | A novel purification procedure for recombinant human serum albumin expressed in <i>Pichia pastoris</i> . <i>Protein Expression and Purification</i> , 2018, 149, 37-42.   | 0.6 | 10        |
| 93  | Effects of hydroxyl radicals produced by a zinc phthalocyanine photosensitizer on tumor DNA. <i>Dyes and Pigments</i> , 2020, 173, 107894.  | 2.0 | 10        |
| 94  | Recent progress in antitumor functions of the intracellular antibodies. <i>Drug Discovery Today</i> , 2020, 25, 1109-1120.  | 3.2 | 9         |
| 95  | A strategy for enhanced tumor targeting of photodynamic therapy based on <i>Escherichia coli</i> -driven drug delivery system. <i>Science China Materials</i> , 2021, 64, 232-240.  | 3.5 | 9         |
| 96  | Synthesis and optical properties of a crosslinkable polymer system containing tricyanofuran-based chromophores with excellent electro-optic activity and thermal stability. <i>Polymer International</i> , 2012, 61, 1376-1381.                     | 1.6 | 8         |
| 97  | Effects of PSII Manganese-Stabilizing Protein Succinylation on Photosynthesis in the Model Cyanobacterium <i>Synechococcus</i> sp. PCC 7002. <i>Plant and Cell Physiology</i> , 2018, 59, 1466-1482.  | 1.5 | 8         |
| 98  | tPA Point Mutation at Autolysis Loop Enhances Resistance to PAI-1 Inhibition and Catalytic Activity. <i>Thrombosis and Haemostasis</i> , 2019, 119, 077-086.  | 1.8 | 8         |
| 99  | Suppression of cancer proliferation and metastasis by a versatile nanomedicine integrating photodynamic therapy, photothermal therapy, and enzyme inhibition. <i>Acta Biomaterialia</i> , 2020, 113, 541-553.                                       | 4.1 | 8         |
| 100 | Naftifine enhances photodynamic therapy against <i>Staphylococcus aureus</i> by inhibiting staphyloxanthin expression. <i>Dyes and Pigments</i> , 2020, 179, 108392.  | 2.0 | 8         |
| 101 | Plasminogen activator inhibitor (PAI) trap3, an exocellular peptide inhibitor of PAI-1, attenuates the rearrangement of F-actin and migration of cancer cells. <i>Experimental Cell Research</i> , 2020, 391, 111987.                               | 1.2 | 8         |
| 102 | Systematic study on the optimization of a bis( <i>N,N</i> -diethyl)aniline based NLO chromophore via a stronger electron acceptor, extended $\pi$ -conjugation and isolation groups. <i>Journal of Materials Chemistry C</i> , 2022, 10, 3343-3352. | 2.7 | 8         |
| 103 | Prenatal cocaine exposure potentiates paroxetine-induced desensitization of 5-HT <sub>2A</sub> receptor function in adult male rat offspring. <i>Neuropharmacology</i> , 2004, 46, 942-953.   | 2.0 | 7         |
| 104 | Influence of monomer structure on the properties of blue phase liquid crystal. <i>Liquid Crystals</i> , 2018, 45, 1637-1643.  | 0.9 | 7         |
| 105 | A series of photosensitizers with incremental positive electric charges for photodynamic antitumor therapy. <i>RSC Advances</i> , 2019, 9, 24560-24567.   | 1.7 | 6         |
| 106 | A nanometer-sized protease inhibitor for precise cancer diagnosis and treatment. <i>Journal of Materials Chemistry B</i> , 2020, 8, 504-514.  | 2.9 | 6         |
| 107 | Specific inhibition of plasminogen activator inhibitor 1 reduces blood glucose level by lowering TNF- $\alpha$ . <i>Life Sciences</i> , 2020, 246, 117404.  | 2.0 | 6         |
| 108 | Ultrasensitive quantitation of circulating miR-195-5p with triple strand displacement amplification cascade. <i>Talanta</i> , 2022, 242, 123300.  | 2.9 | 6         |

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|-----|---|-----|-----------|
| 109 | Paroxetine is effective in desensitizing 5-HT1A receptor function in adult offspring exposed prenatally to cocaine. <i>Psychopharmacology</i> , 2005, 180, 316-326.   | 1.5 | 5         |
| 110 | Direct Detection of Circulating Tumor Cells in Whole Blood Using Time-Resolved Luminescent Lanthanide Nanoprobe. <i>Angewandte Chemie</i> , 2019, 131, 12323-12327.   | 1.6 | 4         |
| 111 | De novo biosynthesis of C-arabinsylated flavones by utilization of indica rice C-glycosyltransferases. <i>Bioresources and Bioprocessing</i> , 2021, 8, 49.   | 2.0 | 4         |
| 112 | Enhancing Dye-Triplet-Sensitized Upconversion Emission Through the Heavy-Atom Effect in CsLu <sub>2</sub> F <sub>7</sub> :Yb/Er Nanoprobe. <i>Angewandte Chemie</i> , 2022, 134, .  | 1.6 | 4         |
| 113 | A highly selective 2-oxo-glycosyltransferase from <i>Ziziphus jujuba</i> and <i>De novo</i> biosynthesis of isovitexin 2-oxo-glucoside. <i>Chemical Communications</i> , 2022, 58, 2472-2475.   | 2.2 | 4         |
| 114 | Ribociclib Inhibits P-gp-Mediated Multidrug Resistance in Human Epidermoid Carcinoma Cells. <i>Frontiers in Pharmacology</i> , 2022, 13, 867128.  | 1.6 | 4         |
| 115 | An intelligent photosensitizer that selectively kills Gram-positive pathogenic cocci while preventing harm to beneficial bacilli. <i>Dyes and Pigments</i> , 2022, 201, 110197.   | 2.0 | 4         |
| 116 | TiO <sub>2</sub> nanotubes-MoS <sub>2</sub> /PDA-LL-37 exhibits efficient anti-bacterial activity and facilitates new bone formation under near-infrared laser irradiation. <i>Biomedical Materials (Bristol)</i> , 2022, 17, 045025. | 1.7 | 3         |
| 117 | Research of the optimum molar ratio between guest and host chromophores in binary chromophore systems for excellent electro-optic activity. <i>RSC Advances</i> , 2016, 6, 1618-1626.   | 1.7 | 2         |
| 118 | A Novel Near-infrared Responsive Lanthanide Upconversion Nanoplatform for Drug Delivery Based on Photocleavage of Cypate. <i>Acta Chimica Sinica</i> , 2022, 80, 423.   | 0.5 | 2         |
| 119 | Photodynamic antimicrobial chemotherapy using zinc phthalocyanine derivative for bacterial skin infection. <i>Proceedings of SPIE</i> , 2014, , .   | 0.8 | 0         |
| 120 | 13 Tumor-specific imaging and photodynamic therapy targeting the urokinase receptor. <i>Series in Cellular and Clinical Imaging</i> , 2017, , 259-274.  | 0.2 | 0         |
| 121 | Solvatochromic and pH Switch Properties of a Dye with benzo[b]thiophene as Donor Moiety. <i>Journal of Molecular and Engineering Materials</i> , 0, , .   | 0.9 | 0         |
| 122 | Performance Evaluation Method of Rural Forestry Economic Cooperation Organization Based on Intelligent Fuzzy Algorithm. <i>Wireless Communications and Mobile Computing</i> , 2022, 2022, 1-8.  | 0.8 | 0         |