# Miao Xu

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10788056/publications.pdf

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| 15 | 668 | 623734 14 | 996975 15 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 15 | 15 | 15 | 1174 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Dual-Functional Polyethylene Glycol-b-polyhexanide Surface Coating with in Vitro and in Vivo Antimicrobial and Antifouling Activities. ACS Applied Materials & Interfaces, 2017, 9, 10383-10397. | 8.0 | 142 |
| 2 | Bio-inspired redox-cycling antimicrobial film for sustained generation of reactive oxygen species. Biomaterials, 2018, 162, 109-122. | 11.4 | 72 |
| 3 | Design and Synthesis of Biocompatible, Hemocompatible, and Highly Selective Antimicrobial Cationic Peptidopolysaccharides via Click Chemistry. Biomacromolecules, 2019, 20, 2230-2240. | 5.4 | 69 |
| 4 | Efficacy of 5-aminolevulinic acidâ€“based photodynamic therapy against keloid compromised by downregulation of SIRT1-SIRT3-SOD2-mROS dependent autophagy pathway. Redox Biology, 2019, 20, 195-203. | 9.0 | 62 |
| 5 | Mussel-Inspired Hydrogel with Potent in Vivo Contact-Active Antimicrobial and Wound Healing Promoting Activities. ACS Applied Bio Materials, 2019, 2, 3329-3340. | 4.6 | 58 |
| 6 | Povidone-iodine-functionalized fluorinated copolymers with dual-functional antibacterial and antifouling activities. Biomaterials Science, 2019, 7, 3334-3347. | 5.4 | 39 |
| 7 | Single-step fabrication of catechol-Îµ-poly-L-lysine antimicrobial paint that prevents superbug infection and promotes osteoconductivity of titanium implants. Chemical Engineering Journal, 2020, 396, 125240. | 12.7 | 36 |
| 8 | Catechol cross-linked antimicrobial peptide hydrogels prevent multidrug-resistant Acinetobacter baumannii infection in burn wounds. Bioscience Reports, 2019, 39, . | 2.4 | 31 |
| 9 | Formulation strategies for bacteriophages to target intracellular bacterial pathogens. Advanced Drug Delivery Reviews, 2021, 176, 113864. | 13.7 | 31 |
| 10 | Electrofabrication of functional materials: Chloramine-based antimicrobial film for infectious wound treatment. Acta Biomaterialia, 2018, 73, 190-203. | 8.3 | 30 |
| 11 | Synthesis of sandwich-structured silver@polydopamine@silver shells with enhanced antibacterial activities. Journal of Colloid and Interface Science, 2020, 558, 47-54. | 9.4 | 28 |
| 12 | Stable and self-healable LbL coating with antibiofilm efficacy based on alkylated polyethyleneimine micelles. Journal of Materials Chemistry B, 2019, 7, 3865-3875. | 5.8 | 25 |
| 13 | Phage-Derived Depolymerase as an Antibiotic Adjuvant Against Multidrug-Resistant Acinetobacter baumannii. Frontiers in Microbiology, 2022, 13, 845500. | 3.5 | 21 |
| 14 | Biocompatible metal-free organic phosphorescent nanoparticles for efficiently multidrug-resistant bacteria eradication. Science China Materials, 2020, 63, 316-324. | 6.3 | 20 |
| 15 | Posttranscriptional control of PLOD1 in adipose-derived stem cells regulates scar formation through altering macrophage polarization. Annals of Translational Medicine, 2021, 9, 1573-1573. | 1.7 | 4 |