Zhiwei Xie

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/2287483/publications.pdf Version: 2024-02-01



7HIMEL XIE

| # | Article | IF | CITATIONS |
|----|---|--------------------|----------------------------|
| 1 | Synthesis and characterization of citrate-based fluorescent small molecules and biodegradable polymers. Acta Biomaterialia, 2017, 50, 361-369. | 8.3 | 45 |
| 2 | Antibacterial cellulose acetate films incorporated with <i>N</i> â€halamineâ€modified nanoâ€crystalline cellulose particles. Polymers for Advanced Technologies, 2017, 28, 463-469. | 3.2 | 22 |
| 3 | Drug Delivery: Immune Cellâ€Mediated Biodegradable Theranostic Nanoparticles for Melanoma Targeting and Drug Delivery (Small 10/2017). Small, 2017, 13, . | 10.0 | 0 |
| 4 | Immune Cellâ€Mediated Biodegradable Theranostic Nanoparticles for Melanoma Targeting and Drug Delivery. Small, 2017, 13, 1603121. | 10.0 | 63 |
| 5 | Citrate-based fluorescent materials for low-cost chloride sensing in the diagnosis of cystic fibrosis. Chemical Science, 2017, 8, 550-558. | 7.4 | 79 |
| 6 | Synthesis and characterization of biocompatible antimicrobial N-halamine-functionalized titanium dioxide core-shell nanoparticles. Colloids and Surfaces B: Biointerfaces, 2016, 148, 511-517. | 5.0 | 22 |
| 7 | Three-dimensional manipulation of single cells using surface acoustic waves. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 1522-1527. | 7.1 | 448 |
| 8 | Fluorescence imaging enabled poly(lactide-co-glycolide). Acta Biomaterialia, 2016, 29, 307-319. | 8.3 | 40 |
| 9 | Development and characterisation of antibacterial suture functionalised with N-halamines. Journal of Industrial Textiles, 2016, 46, 59-74. | 2.4 | 13 |
| 10 | <i>N</i> â€halamineâ€modified polyglycolide (PGA) multifilament as a potential bactericidal surgical surgical suture: <i>In vitro</i> study. Journal of Applied Polymer Science, 2015, 132, . | 2.6 | 12 |
| 11 | Design of antimicrobial peptides conjugated biodegradable citric acid derived hydrogels for wound healing. Journal of Biomedical Materials Research - Part A, 2015, 103, 3907-3918. | 4.0 | 49 |
| 12 | Electrospun non-leaching biocombatible antimicrobial cellulose acetate nanofibrous mats. Journal of Industrial and Engineering Chemistry, 2015, 27, 315-321. | 5.8 | 22 |
| 13 | Design Strategies and Applications of Circulating Cell-Mediated Drug Delivery Systems. ACS Biomaterials Science and Engineering, 2015, 1, 201-217. | 5.2 | 146 |
| 14 | Study on the Antimicrobial Properties of Citrate-Based Biodegradable Polymers. Frontiers in Bioengineering and Biotechnology, 2014, 2, 23. | 4.1 | 59 |
| 15 | Development of Ultrasound-Switchable Fluorescence Imaging Contrast Agents Based on Thermosensitive Polymers and Nanoparticles. IEEE Journal of Selected Topics in Quantum Electronics, 2014, 20, 67-80. | 2.9 | 20 |
| 16 | Biodegradable Polymers: Click Chemistry Plays a Dual Role in Biodegradable Polymer Design (Adv.) Tj ETQq0 0 0 i | rgBT /Over 21.0 | lo _C k 10 Tf 50 |

| 17 | Biocompatible antimicrobial cotton modified with tricarbimideâ€based <i>N</i> â€halamine. Polymers for Advanced Technologies, 2014, 25, 963-968. | 3.2 | 12 |
|----|---|-----|----|
| 18 | Synthesis and characterization of biomimetic citrateâ€based biodegradable composites. Journal of Biomedical Materials Research - Part A, 2014, 102, 2521-2532. | 4.0 | 60 |

Zhiwei Xie

| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 19 | Preparation and antimicrobial activity of β-cyclodextrin derivative copolymers/cellulose acetate nanofibers. Chemical Engineering Journal, 2014, 248, 264-272. | 12.7 | 76 |
| 20 | Cytocompatible and regenerable antimicrobial cellulose modified by Nâ€halamine triazine ring. Journal of Applied Polymer Science, 2014, 131, . | 2.6 | 21 |
| 21 | Development of cytocompatible antibacterial electro-spun nanofibrous composites. Journal of Materials Science, 2014, 49, 6734-6741. | 3.7 | 22 |
| 22 | Development of Intrinsically Photoluminescent and Photostable Polylactones. Advanced Materials, 2014, 26, 4491-4496. | 21.0 | 55 |
| 23 | Click Chemistry Plays a Dual Role in Biodegradable Polymer Design. Advanced Materials, 2014, 26, 1906-1911. | 21.0 | 66 |
| 24 | High resolution imaging beyond the acoustic diffraction limit in deep tissue via ultrasound-switchable NIR fluorescence. Scientific Reports, 2014, 4, 4690. | 3.3 | 30 |
| 25 | Dual growth factor releasing multi-functional nanofibers for wound healing. Acta Biomaterialia, 2013, 9, 9351-9359. | 8.3 | 370 |
| 26 | Synthesis of Novel N-Halamine Epoxide Based on Cyanuric Acid and Its Application for Antimicrobial Finishing. Industrial & Engineering Chemistry Research, 2013, 52, 7413-7418. | 3.7 | 45 |
| 27 | Functionalized Poly(L-lactide) Nanoparticles from Electrospun Nanofibers. Journal of Biomaterials Science, Polymer Edition, 2011, 22, 1331-1341. | 3.5 | 2 |
| 28 | Electrospun poly(<scp>D,L</scp>)″actide nonwoven mats for biomedical application: Surface area shrinkage and surface entrapment. Journal of Applied Polymer Science, 2011, 122, 1219-1225. | 2.6 | 26 |
| 29 | Electrospun poly(<scp>D,L</scp> â€lactide) fibers for drug delivery: The influence of cosolvent and the mechanism of drug release. Journal of Applied Polymer Science, 2010, 115, 1-8. | 2.6 | 75 |
| 30 | Release of antibiotics from electrospun bicomponent fibers. Cellulose, 2007, 14, 553-562. | 4.9 | 122 |