

Yongtao Wang

List of Publications by Year in descending order

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12
papers

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| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Influences of viscosity on the osteogenic and adipogenic differentiation of mesenchymal stem cells with controlled morphology. <i>Journal of Materials Chemistry B</i> , 2022, 10, 3989-4001. | 2.9 | 9 |
| 2 | Recent Advances in Engineering Nanomedicines for Second Near-Infrared Photothermal-Combinational Immunotherapy. <i>Nanomaterials</i> , 2022, 12, 1656. | 1.9 | 9 |
| 3 | The varied influences of cell adhesion and spreading on gene transfection of mesenchymal stem cells on a micropatterned substrate. <i>Acta Biomaterialia</i> , 2021, 125, 100-111. | 4.1 | 26 |
| 4 | Micropattern-controlled chirality of focal adhesions regulates the cytoskeletal arrangement and gene transfection of mesenchymal stem cells. <i>Biomaterials</i> , 2021, 271, 120751. | 5.7 | 27 |
| 5 | Regulation of gene transfection by cell size, shape and elongation on micropatterned surfaces. <i>Journal of Materials Chemistry B</i> , 2021, 9, 4329-4339. | 2.9 | 12 |
| 6 | Superhydrophobic Porous PLLA Sponges with Hierarchical Micro-/Nano-Structures for High-Efficiency Self-Cleaning. <i>Macromolecular Chemistry and Physics</i> , 2019, 220, 1900338. | 1.1 | 9 |
| 7 | Influence of Cell Spreading Area on the Osteogenic Commitment and Phenotype Maintenance of Mesenchymal Stem Cells. <i>Scientific Reports</i> , 2019, 9, 6891. | 1.6 | 43 |
| 8 | Solution viscosity regulates chondrocyte proliferation and phenotype during 3D culture. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7713-7722. | 2.9 | 32 |
| 9 | Extraordinary toughness enhancement of poly(lactic acid) by incorporating very low loadings of noncovalent functionalized graphene-oxide via masterbatch-based melt blending. <i>Chemical Engineering Journal</i> , 2018, 334, 2014-2020. | 6.6 | 23 |
| 10 | Recyclable Oil-Absorption Foams via Secondary Phase Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13834-13843. | 3.2 | 39 |
| 11 | Controllable domain morphology in coated poly(lactic acid) films for high-efficiency and high-precision transportation of water droplet arrays. <i>RSC Advances</i> , 2017, 7, 53525-53531. | 1.7 | 13 |
| 12 | Micropattern-Controlled Cell Density and Its Effect on Gene Transfection of Mesenchymal Stem Cells. <i>Advanced Materials Interfaces</i> , 0, , 2101978. | 1.9 | 6 |