

# Yongtao Wang

## List of Publications by Year in descending order

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12  
papers

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citations

1039406

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docs citations

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times ranked

310  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Recyclable Oil-Absorption Foams via Secondary Phase Separation. <i>ACS Sustainable Chemistry and Engineering</i> , 2018, 6, 13834-13843.	3.2	39
3	Solution viscosity regulates chondrocyte proliferation and phenotype during 3D culture. <i>Journal of Materials Chemistry B</i> , 2019, 7, 7713-7722.	2.9	32
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	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
6	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
7	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
8	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
9	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
10	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
11	Recent Advances in Engineering Nanomedicines for Second Near-Infrared Photothermal-Combinational Immunotherapy. <i>Nanomaterials</i> , 2022, 12, 1656.	1.9	9
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