

Xingwu Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

1,034
citations

623574

14
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794469

19
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19
docs citations

19
times ranked

915
citing authors

#	ARTICLE	IF	CITATIONS
1	Amplifying STING activation by cyclic dinucleotide manganese particles for local and systemic cancer metalloimmunotherapy. <i>Nature Nanotechnology</i> , 2021, 16, 1260-1270.	15.6	261
2	Gelatin Methacryloyl Microneedle Patches for Minimally Invasive Extraction of Skin Interstitial Fluid. <i>Small</i> , 2020, 16, e1905910.	5.2	104
3	Biodegradable Cyclodextrin Conjugated Gelatin Methacryloyl Microneedle for Delivery of Water-insoluble Drug. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000527.	3.9	91
4	A Patch of Detachable Hybrid Microneedle Depot for Localized Delivery of Mesenchymal Stem Cells in Regeneration Therapy. <i>Advanced Functional Materials</i> , 2020, 30, 2000086.	7.8	91
5	Stimuli-responsive Delivery of Growth Factors for Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901714.	3.9	86
6	CRISPR-Cas12a delivery by DNA-mediated bioresponsive editing for cholesterol regulation. <i>Science Advances</i> , 2020, 6, eaba2983.	4.7	77
7	Flexible patch with printable and antibacterial conductive hydrogel electrodes for accelerated wound healing. <i>Biomaterials</i> , 2022, 285, 121479.	5.7	68
8	Engineering Antiviral Vaccines. <i>ACS Nano</i> , 2020, 14, 12370-12389.	7.3	50
9	Multi-dimensional Printing for Bone Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001986.	3.9	41
10	Cancer-on-a-chip for Modeling Immune Checkpoint Inhibitor and Tumor Interactions. <i>Small</i> , 2021, 17, e2004282.	5.2	30
11	Injectable open-porous PLGA microspheres as cell carriers for cartilage regeneration. <i>Journal of Biomedical Materials Research - Part A</i> , 2021, 109, 2091-2100.	2.1	26
12	Co-electrospun Silk Fibroin and Gelatin Methacryloyl Sheet Seeded with Mesenchymal Stem Cells for Tendon Regeneration. <i>Small</i> , 2022, 18, e2107714.	5.2	23
13	Reconstructing the tumor architecture into organoids. <i>Advanced Drug Delivery Reviews</i> , 2021, 176, 113839.	6.6	20
14	Microneedle-based bioassays. <i>Nanoscale Advances</i> , 2020, 2, 4295-4304.	2.2	16
15	Combined Effects of Electric Stimulation and Microgrooves in Cardiac Tissue-on-a-chip for Drug Screening. <i>Small Methods</i> , 2020, 4, 2000438.	4.6	15
16	pH-Responsive doxorubicin delivery using shear-thinning biomaterials for localized melanoma treatment. <i>Nanoscale</i> , 2022, 14, 350-360.	2.8	15
17	Rhodamine Conjugated Gelatin Methacryloyl Nanoparticles for Stable Cell Imaging. <i>ACS Applied Bio Materials</i> , 2020, 3, 6908-6918.	2.3	12
18	Microneedle Patches: Gelatin Methacryloyl Microneedle Patches for Minimally Invasive Extraction of Skin Interstitial Fluid (<i>Small</i> 16/2020). <i>Small</i> , 2020, 16, 2070086.	5.2	4