

Ke Hu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1197494/publications.pdf>

Version: 2024-02-01

32
papers

1,020
citations

516710

16
h-index

454955

30
g-index

32
all docs

32
docs citations

32
times ranked

1717
citing authors

#	ARTICLE	IF	CITATIONS
1	Extracellular magnetic labeling of biomimetic hydrogel-induced human mesenchymal stem cell spheroids with ferumoxytol for MRI tracking. <i>Bioactive Materials</i> , 2023, 19, 418-428.	15.6	8
2	Self-Organization Formation of Multicellular Spheroids Mediated by Mechanically Tunable Hydrogel Platform: Toward Revealing the Synergy of Chemo- and Noninvasive Photothermal Therapy against Colon Microtumor. <i>Macromolecular Bioscience</i> , 2022, 22, e2100498.	4.1	3
3	Evaluation of mild cognitive impairment genetic susceptibility risks in a Chinese population. <i>BMC Psychiatry</i> , 2022, 22, 93.	2.6	0
4	Superparamagnetic core-shell electrospun scaffolds with sustained release of IONPs facilitating <i>in vitro</i> and <i>in vivo</i> bone regeneration. <i>Journal of Materials Chemistry B</i> , 2021, 9, 8980-8993.	5.8	8
5	Three-dimensional cell-culture platform based on hydrogel with tunable microenvironmental properties to improve insulin-secreting function of MIN6 cells. <i>Biomaterials</i> , 2021, 270, 120687.	11.4	29
6	Dual anisotropy comprising 3D printed structures and magnetic nanoparticle assemblies: towards the promotion of mesenchymal stem cell osteogenic differentiation. <i>NPG Asia Materials</i> , 2021, 13, .	7.9	9
7	Multicellular Spheroids Formation on Hydrogel Enhances Osteogenic/Odontogenic Differentiation of Dental Pulp Stem Cells Under Magnetic Nanoparticles Induction. <i>International Journal of Nanomedicine</i> , 2021, Volume 16, 5101-5115.	6.7	8
8	Micro/nano-bubble-assisted ultrasound to enhance the EPR effect and potential theranostic applications. <i>Theranostics</i> , 2020, 10, 462-483.	10.0	154
9	Simultaneous mapping of nanoscale topography and surface potential of charged surfaces by scanning ion conductance microscopy. <i>Nanoscale</i> , 2020, 12, 20737-20748.	5.6	10
10	An Easy-to-Fabricate Hydrogel Platform with Tunable Stiffness and Cell Anchorage: Validation of Its Feasibility in Modulating Sonic Hedgehog Signaling Pathway Physically. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 2070010.	3.6	2
11	An Easy-to-Fabricate Hydrogel Platform with Tunable Stiffness and Cell Anchorage: Validation of Its Feasibility in Modulating Sonic Hedgehog Signaling Pathway Physically. <i>Macromolecular Materials and Engineering</i> , 2020, 305, 1900759.	3.6	6
12	A Graphene-Based Flexible Device as a Specific Far-Infrared Emitter for Noninvasive Tumor Therapy. <i>Advanced Therapeutics</i> , 2020, 3, 1900195.	3.2	21
13	High-Performance Worm-like Mn-Zn Ferrite Theranostic Nanoagents and the Application on Tumor Theranostics. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29536-29548.	8.0	30
14	Rotating magnetic field-controlled fabrication of magnetic hydrogel with spatially disk-like microstructures. <i>Science China Materials</i> , 2018, 61, 1112-1122.	6.3	18
15	Thermo-Sensitive PLGA-PEG-PLGA Tri-Block Copolymer Hydrogel as Three-Dimensional Cell Culture Matrix for Ovarian Cancer Cells. <i>Journal of Nanoscience and Nanotechnology</i> , 2018, 18, 5252-5255.	0.9	13
16	Liposomally formulated phospholipid-conjugated novel near-infrared fluorescence probe for particle size effect on cellular uptake and biodistribution <i>in vivo</i> . <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 161, 588-596.	5.0	20
17	Pre-vascularization in fibrin Gel/PLGA microsphere scaffolds designed for bone regeneration. <i>NPG Asia Materials</i> , 2018, 10, 827-839.	7.9	38
18	Thermally induced self-agglomeration 3D scaffolds with BMP-2-loaded core-shell fibers for enhanced osteogenic differentiation of rat adipose-derived stem cells. <i>International Journal of Nanomedicine</i> , 2018, Volume 13, 4145-4155.	6.7	15

#	ARTICLE	IF	CITATIONS
19	CD36 Upregulation in HT-29 Tumor Cells Cultured on 3D Multicellular Spheroids Culturing Platform Based on Anisotropic Magnetic Hydrogel. <i>Journal of Biomedical Nanotechnology</i> , 2018, 14, 594-600.	1.1	4
20	Fe ₃ O ₄ @PSC nanoparticle clusters with enhanced magnetic properties prepared by alternating-current magnetic field assisted co-precipitation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 520, 348-354.	4.7	23
21	Photoresponsive smart hydrogel microsphere via host-guest interaction for 3D cell culture. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2017, 522, 97-104.	4.7	12
22	High Quality Multicellular Tumor Spheroid Induction Platform Based on Anisotropic Magnetic Hydrogel. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 10446-10452.	8.0	23
23	PLLA microcapsules combined with silver nanoparticles and chlorhexidine acetate showing improved antibacterial effect. <i>Materials Science and Engineering C</i> , 2017, 78, 349-353.	7.3	15
24	A Functional Iron Oxide Nanoparticles Modified with PLA-PEG-DG as Tumor-Targeted MRI Contrast Agent. <i>Pharmaceutical Research</i> , 2017, 34, 1683-1692.	3.5	52
25	Publisher's note. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 160, 265.	5.0	0
26	Assembly-Induced Thermogenesis of Gold Nanoparticles in the Presence of Alternating Magnetic Field for Controllable Drug Release of Hydrogel. <i>Advanced Materials</i> , 2016, 28, 10801-10808.	21.0	62
27	Superparamagnetic anisotropic nano-assemblies with longer blood circulation in vivo: a highly efficient drug delivery carrier for leukemia therapy. <i>Nanoscale</i> , 2016, 8, 17085-17089.	5.6	23
28	Downregulation of MIM protein inhibits the cellular endocytosis process of magnetic nanoparticles in macrophages. <i>RSC Advances</i> , 2016, 6, 96635-96643.	3.6	6
29	Sliced Magnetic Polyacrylamide Hydrogel with Cell-Adhesive Microarray Interface: A Novel Multicellular Spheroid Culturing Platform. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 15113-15119.	8.0	48
30	A Novel Magnetic Hydrogel with Aligned Magnetic Colloidal Assemblies Showing Controllable Enhancement of Magnetothermal Effect in the Presence of Alternating Magnetic Field. <i>Advanced Materials</i> , 2015, 27, 2507-2514.	21.0	182
31	Nickel Nanoparticles Exposure and Reproductive Toxicity in Healthy Adult Rats. <i>International Journal of Molecular Sciences</i> , 2014, 15, 21253-21269.	4.1	144
32	Fabrication of Hydrogel with Cell Adhesive Micropatterns for Mimicking the Oriented Tumor-Associated Extracellular Matrix. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 10963-10968.	8.0	34