

Yin Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10151022/publications.pdf>

Version: 2024-02-01

23
papers

815
citations

567281

15
h-index

677142

22
g-index

24
all docs

24
docs citations

24
times ranked

1586
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple, Cost-Effective 3D Printed Microfluidic Components for Disposable, Point-of-Care Colorimetric Analysis. <i>ACS Sensors</i> , 2016, 1, 227-234.	7.8	107
2	Assembly of Metal-Phenolic/Catecholamine Networks for Synergistically Anti-Inflammatory, Antimicrobial, and Anticoagulant Coatings. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 40844-40853.	8.0	104
3	New materials for microfluidics in biology. <i>Current Opinion in Biotechnology</i> , 2014, 25, 78-85.	6.6	98
4	A microfluidic circulatory system integrated with capillary-assisted pressure sensors. <i>Lab on A Chip</i> , 2017, 17, 653-662.	6.0	69
5	Injectable in situ forming kartogenin-loaded chitosan hydrogel with tunable rheological properties for cartilage tissue engineering. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 192, 111059.	5.0	57
6	A tough nitric oxide-eluting hydrogel coating suppresses neointimal hyperplasia on vascular stent. <i>Nature Communications</i> , 2021, 12, 7079.	12.8	54
7	Centrifugation-Assisted Single-Cell Trapping in a Truncated Cone-Shaped Microwell Array Chip for the Real-Time Observation of Cellular Apoptosis. <i>Analytical Chemistry</i> , 2015, 87, 12169-12176.	6.5	51
8	Poly(L-lysine)-graft-folic acid-coupled poly(2-methyl-2-oxazoline) (PLL-g-PMOXA-c-FA): A Bioactive Copolymer for Specific Targeting to Folate Receptor-Positive Cancer Cells. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 2919-2930.	8.0	46
9	Fast Single-Cell Patterning for Study of Drug-Induced Phenotypic Alterations of HeLa Cells Using Time-of-Flight Secondary Ion Mass Spectrometry. <i>Analytical Chemistry</i> , 2016, 88, 12196-12203.	6.5	44
10	Spatial coordination of cell orientation directed by nanoribbon sheets. <i>Biomaterials</i> , 2015, 53, 86-94.	11.4	39
11	Engineering a Freestanding Biomimetic Cardiac Patch Using Biodegradable Poly(lactic acid-glycolic acid) (PLGA) and Human Embryonic Stem Cell-derived Ventricular Cardiomyocytes (hESC-CMs). <i>Macromolecular Bioscience</i> , 2015, 15, 426-436.	4.1	31
12	A Universal and Facile Approach for the Formation of a Protein Hydrogel for 3D Cell Encapsulation. <i>Advanced Functional Materials</i> , 2015, 25, 6189-6198.	14.9	21
13	Facile formation of a microporous chitosan hydrogel based on self-crosslinking. <i>Journal of Materials Chemistry B</i> , 2017, 5, 9291-9299.	5.8	20
14	Replicating 3D printed structures into hydrogels. <i>Materials Horizons</i> , 2016, 3, 309-313.	12.2	19
15	Engineering Microcapsules for Simultaneous Delivery of Combinational Therapeutics. <i>Advanced Materials Technologies</i> , 2020, 5, 2000623.	5.8	16
16	Freestanding 3-D microvascular networks made of alginate hydrogel as a universal tool to create microchannels inside hydrogels. <i>Biomicrofluidics</i> , 2016, 10, 044112.	2.4	13
17	Multimodality imaging-guided local injection of eccentric magnetic microcapsules with electromagnetically controlled drug release. <i>Cancer Reports</i> , 2019, 2, e1154.	1.4	10
18	Eccentric magnetic microcapsules for MRI-guided local administration and pH-regulated drug release. <i>RSC Advances</i> , 2018, 8, 41956-41965.	3.6	5

#	ARTICLE	IF	CITATIONS
19	AChRAb and MuSKAb double-seropositive myasthenia gravis: a distinct subtype?. <i>Neurological Sciences</i> , 2021, 42, 863-869.	1.9	5
20	Au@Ag Nanorods@PDMS Wearable Mouthguard as a Visualized Detection Platform for Screening Dental Caries and Periodontal Diseases. <i>Advanced Healthcare Materials</i> , 2021, , 2102682.	7.6	3
21	Thymomatous myasthenia gravis: 10-year experience of a single center. <i>Acta Neurologica Scandinavica</i> , 2021, 143, 96-102.	2.1	2
22	Ultrasound-visualized, site-specific vascular embolization using magnetic protein microcapsules. <i>Journal of Materials Chemistry B</i> , 2021, 9, 2407-2416.	5.8	1
23	Efficacy of Early Intravenous Immunoglobulin for Eosinophilic Granulomatosis With Polyangiitis Associated With Acute Bilateral Symmetrical Peripheral Neuropathy and Posterior Cranial Nerve Involvement. <i>Journal of Clinical Rheumatology</i> , 2021, 27, S672-S673.	0.9	0