

Peyton Tebon

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4632796/publications.pdf>

Version: 2024-02-01

24
papers

1,444
citations

448610

19
h-index

651938

25
g-index

27
all docs

27
docs citations

27
times ranked

2325
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly absorptive dressing composed of natural latex loaded with alginate for exudate control and healing of diabetic wounds. <i>Materials Science and Engineering C</i> , 2021, 119, 111589.	3.8	40
2	Recent advances in 3D bioprinting of musculoskeletal tissues. <i>Biofabrication</i> , 2021, 13, 022001.	3.7	47
3	Cancer-on-a-chip for Modeling Immune Checkpoint Inhibitor and Tumor Interactions. <i>Small</i> , 2021, 17, e2004282.	5.2	30
4	Non-transdermal microneedles for advanced drug delivery. <i>Advanced Drug Delivery Reviews</i> , 2020, 165-166, 41-59.	6.6	80
5	Microengineered poly(HEMA) hydrogels for wearable contact lens biosensing. <i>Lab on A Chip</i> , 2020, 20, 4205-4214.	3.1	27
6	Biodegradable microneedle patch for transdermal gene delivery. <i>Nanoscale</i> , 2020, 12, 16724-16729.	2.8	57
7	Design and Simulation of an Integrated Centrifugal Microfluidic Device for CTCs Separation and Cell Lysis. <i>Micromachines</i> , 2020, 11, 699.	1.4	41
8	Thrombolytic Agents: Nanocarriers in Controlled Release. <i>Small</i> , 2020, 16, e2001647.	5.2	32
9	Screening Cancer Immunotherapy: When Engineering Approaches Meet Artificial Intelligence. <i>Advanced Science</i> , 2020, 7, 2001447.	5.6	30
10	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
11	A Novel Negative Pressure Isolation Device for Aerosol Transmissible COVID-19. <i>Anesthesia and Analgesia</i> , 2020, 131, 664-668.	1.1	15
12	Biodegradable Cyclodextrin Conjugated Gelatin Methacryloyl Microneedle for Delivery of Water-insoluble Drug. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000527.	3.9	91
13	Gut-on-a-chip: Current progress and future opportunities. <i>Biomaterials</i> , 2020, 255, 120196.	5.7	117
14	Stimuli-responsive Delivery of Growth Factors for Tissue Engineering. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901714.	3.9	86
15	Tissue Engineering: Synthetic Biology and Tissue Engineering: Toward Fabrication of Complex and Smart Cellular Constructs (<i>Adv. Funct. Mater.</i> 26/2020). <i>Advanced Functional Materials</i> , 2020, 30, 2070169.	7.8	0
16	Gelatin Methacryloyl Microneedle Patches for Minimally Invasive Extraction of Skin Interstitial Fluid. <i>Small</i> , 2020, 16, e1905910.	5.2	104
17	Synthetic Biology and Tissue Engineering: Toward Fabrication of Complex and Smart Cellular Constructs. <i>Advanced Functional Materials</i> , 2020, 30, 1909882.	7.8	19
18	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

#	ARTICLE	IF	CITATIONS
19	Microneedle Patches: Gelatin Methacryloyl Microneedle Patches for Minimally Invasive Extraction of Skin Interstitial Fluid (Small 16/2020). Small, 2020, 16, 2070086.	5.2	4
20	Rhodamine Conjugated Gelatin Methacryloyl Nanoparticles for Stable Cell Imaging. ACS Applied Bio Materials, 2020, 3, 6908-6918.	2.3	12
21	The emergence of 3D bioprinting in organ-on-chip systems. Progress in Biomedical Engineering, 2019, 1, 012001.	2.8	67
22	Three-dimensional printing of metals for biomedical applications. Materials Today Bio, 2019, 3, 100024.	2.6	150
23	Electrically conductive nanomaterials for cardiac tissue engineering. Advanced Drug Delivery Reviews, 2019, 144, 162-179.	6.6	137
24	Organ-on-a-Chip for Cancer and Immune Organs Modeling. Advanced Healthcare Materials, 2019, 8, e1801363.	3.9	111