

Pooria Mostafalu

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

3,067
citations

331259

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580395

25
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30
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docs citations

30
times ranked

4764
citing authors

#	ARTICLE	IF	CITATIONS
1	3D-Printed Hydrogel-Filled Microneedle Arrays. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001922.	3.9	32
2	A Wirelessly Controlled Smart Bandage with 3D-Printed Miniaturized Needle Arrays. <i>Advanced Functional Materials</i> , 2020, 30, 1905544.	7.8	109
3	Nanoparticle-Based Hybrid Scaffolds for Deciphering the Role of Multimodal Cues in Cardiac Tissue Engineering. <i>ACS Nano</i> , 2019, 13, 12525-12539.	7.3	101
4	Drug delivery systems and materials for wound healing applications. <i>Advanced Drug Delivery Reviews</i> , 2018, 127, 138-166.	6.6	512
5	Electrically Driven Microengineered Bioinspired Soft Robots. <i>Advanced Materials</i> , 2018, 30, 1704189.	11.1	140
6	Smart Bandage for Monitoring and Treatment of Chronic Wounds. <i>Small</i> , 2018, 14, e1703509.	5.2	257
7	A pH-Mediated Electronic Wound Dressing for Controlled Drug Delivery. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800396.	3.9	69
8	Smart Bandages: Smart Bandage for Monitoring and Treatment of Chronic Wounds (<i>Small</i> 33/2018). <i>Small</i> , 2018, 14, 1870150.	5.2	4
9	Oxygen-Generating Photo-Cross-Linkable Hydrogels Support Cardiac Progenitor Cell Survival by Reducing Hypoxia-Induced Necrosis. <i>ACS Biomaterials Science and Engineering</i> , 2017, 3, 1964-1971.	2.6	82
10	Wound Dressings: An Advanced Multifunctional Hydrogel-Based Dressing for Wound Monitoring and Drug Delivery (<i>Adv. Healthcare Mater.</i> 19/2017). <i>Advanced Healthcare Materials</i> , 2017, 6, .	3.9	3
11	A Textile Dressing for Temporal and Dosage Controlled Drug Delivery. <i>Advanced Functional Materials</i> , 2017, 27, 1702399.	7.8	187
12	An Advanced Multifunctional Hydrogel-Based Dressing for Wound Monitoring and Drug Delivery. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700718.	3.9	236
13	Biodegradable elastic nanofibrous platforms with integrated flexible heaters for on-demand drug delivery. <i>Scientific Reports</i> , 2017, 7, 9220.	1.6	90
14	Flexible Electronic Devices for Biomedical Applications. <i>Microsystems and Nanosystems</i> , 2017, , 341-366.	0.1	4
15	Smart bandages for chronic wound monitoring and on-demand drug delivery. , 2017, , .		4
16	Nanofibrous Silver-Coated Polymeric Scaffolds with Tunable Electrical Properties. <i>Nanomaterials</i> , 2017, 7, 63.	1.9	23
17	Textile Technologies and Tissue Engineering: A Path Toward Organ Weaving. <i>Advanced Healthcare Materials</i> , 2016, 5, 751-766.	3.9	161
18	A Bioactive Carbon Nanotube-Based Ink for Printing 2D and 3D Flexible Electronics. <i>Advanced Materials</i> , 2016, 28, 3280-3289.	11.1	199

#	ARTICLE	IF	CITATIONS
19	Highly Elastic and Conductive Human-Based Protein Hybrid Hydrogels. <i>Advanced Materials</i> , 2016, 28, 40-49.	11.1	226
20	Laterally Confined Microfluidic Patterning of Cells for Engineering Spatially Defined Vascularization. <i>Small</i> , 2016, 12, 5132-5139.	5.2	21
21	Dermal Patch with Integrated Flexible Heater for on Demand Drug Delivery. <i>Advanced Healthcare Materials</i> , 2016, 5, 175-184.	3.9	109
22	A toolkit of thread-based microfluidics, sensors, and electronics for 3D tissue embedding for medical diagnostics. <i>Microsystems and Nanoengineering</i> , 2016, 2, 16039.	3.4	162
23	Smart flexible wound dressing with wireless drug delivery. , 2015, , .		11
24	Wireless Flexible Smart Bandage for Continuous Monitoring of Wound Oxygenation. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2015, 9, 670-677.	2.7	83
25	Paper based platform for colorimetric sensing of dissolved NH ₃ and CO ₂ . <i>Biosensors and Bioelectronics</i> , 2015, 67, 477-484.	5.3	54
26	Wireless flexible smart bandage for continuous monitoring of wound oxygenation. , 2014, , .		9
27	Low-cost paper-based electrochemical sensors with CMOS readout IC. , 2014, , .		13
28	Flexible and transparent gastric battery: Energy harvesting from gastric acid for endoscopy application. <i>Biosensors and Bioelectronics</i> , 2014, 54, 292-296.	5.3	45
29	Biodegradable Nanofibrous Polymeric Substrates for Generating Elastic and Flexible Electronics. <i>Advanced Materials</i> , 2014, 26, 5823-5830.	11.1	117
30	Paper-based super-capacitor using micro and nano particle deposition for paper-based diagnostics. , 2013, , .		4