

Manita Dangol

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

690
citations

933447

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1199594

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12
docs citations

12
times ranked

816
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple and customizable method for fabrication of high-aspect ratio microneedle molds using low-cost 3D printing. <i>Microsystems and Nanoengineering</i> , 2019, 5, 42.	7.0	156
2	A patchless dissolving microneedle delivery system enabling rapid and efficient transdermal drug delivery. <i>Scientific Reports</i> , 2015, 5, 7914.	3.3	101
3	Anti-obesity effect of a novel caffeine-loaded dissolving microneedle patch in high-fat diet-induced obese C57BL/6J mice. <i>Journal of Controlled Release</i> , 2017, 265, 41-47.	9.9	83
4	Transcutaneous implantation of valproic acid-encapsulated dissolving microneedles induces hair regrowth. <i>Biomaterials</i> , 2018, 167, 69-79.	11.4	71
5	Metallic microneedles with interconnected porosity: A scalable platform for biosensing and drug delivery. <i>Acta Biomaterialia</i> , 2018, 80, 401-411.	8.3	71
6	Innovative polymeric system (IPS) for solvent-free lipophilic drug transdermal delivery via dissolving microneedles. <i>Journal of Controlled Release</i> , 2016, 223, 118-125.	9.9	62
7	A Minimally Invasive Blood Extraction System: Elastic Self-Recovery Actuator Integrated with an Ultrahigh-Aspect Ratio Microneedle. <i>Advanced Materials</i> , 2012, 24, 4583-4586.	21.0	40
8	A self-powered one-touch blood extraction system: a novel polymer-capped hollow microneedle integrated with a pre-vacuum actuator. <i>Lab on A Chip</i> , 2015, 15, 382-390.	6.0	38
9	Enhanced Transdermal Delivery by Combined Application of Dissolving Microneedle Patch on Serum-Treated Skin. <i>Molecular Pharmaceutics</i> , 2017, 14, 2024-2031.	4.6	34
10	Effects of dissolving microneedle fabrication parameters on the activity of encapsulated lysozyme. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 117, 290-296.	4.0	29
11	Development of a quantitative method for active epidermal growth factor extracted from dissolving microneedle by solid phase extraction and liquid chromatography electrospray ionization mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016, 131, 297-302.	2.8	4