

Suyong Kim

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

709
citations

516710

16
h-index

794594

19
g-index

19
all docs

19
docs citations

19
times ranked

698
citing authors

#	ARTICLE	IF	CITATIONS
1	Implantable powder-carrying microneedles for transdermal delivery of high-dose insulin with enhanced activity. <i>Biomaterials</i> , 2020, 232, 119733.	11.4	67
2	Transdermal finasteride delivery via powder-carrying microneedles with a diffusion enhancer to treat androgenetic alopecia. <i>Journal of Controlled Release</i> , 2019, 316, 1-11.	9.9	52
3	Tissue Interlocking Dissolving Microneedles for Accurate and Efficient Transdermal Delivery of Biomolecules. <i>Scientific Reports</i> , 2019, 9, 7886.	3.3	37
4	Two-phase delivery using a horse oil and adenosine-loaded dissolving microneedle patch for skin barrier restoration, moisturization, and wrinkle improvement. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 936-943.	1.6	18
5	Combinatorial application of dissolving microneedle patch and cream for improvement of skin wrinkles, dermal density, elasticity, and hydration. <i>Journal of Cosmetic Dermatology</i> , 2019, 18, 1083-1091.	1.6	21
6	Comparative Study of Two Droplet-Based Dissolving Microneedle Fabrication Methods for Skin Vaccination. <i>Advanced Healthcare Materials</i> , 2018, 7, e1701381.	7.6	35
7	Effects of two droplet-based dissolving microneedle manufacturing methods on the activity of encapsulated epidermal growth factor and ascorbic acid. <i>European Journal of Pharmaceutical Sciences</i> , 2018, 114, 285-292.	4.0	31
8	Transcutaneous implantation of valproic acid-encapsulated dissolving microneedles induces hair regrowth. <i>Biomaterials</i> , 2018, 167, 69-79.	11.4	71
9	Physicochemical study of ascorbic acid 2-glucoside loaded hyaluronic acid dissolving microneedles irradiated by electron beam and gamma ray. <i>Carbohydrate Polymers</i> , 2018, 180, 297-303.	10.2	38
10	An Insulin Microneedle Pen (IMP) for Self-Subcutaneous Insulin Injection. <i>Advanced Materials Technologies</i> , 2018, 3, 1800234.	5.8	4
11	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
12	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
13	Centrifugal Lithography: Self-Shaping of Polymer Microstructures Encapsulating Biopharmaceutics by Centrifuging Polymer Drops. <i>Advanced Healthcare Materials</i> , 2017, 6, 1700326.	7.6	60
14	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
15	4-Butylresorcinol dissolving microneedle patch for skin depigmentation: a randomized, double-blind, placebo-controlled trial. <i>Journal of Cosmetic Dermatology</i> , 2016, 15, 16-23.	1.6	30
16	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
17	The Troy Microneedle: A Rapidly Separating, Dissolving Microneedle Formed by Cyclic Contact and Drying on the Pillar (CCDP). <i>PLoS ONE</i> , 2015, 10, e0136513.	2.5	21
18	Rapid implantation of dissolving microneedles on an electrospun pillar array. <i>Biomaterials</i> , 2015, 64, 70-77.	11.4	37