

Yuina Abe

List of Publications by Year in descending order

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19
papers

68
citations

1684188

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h-index

1720034

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19
all docs

19
docs citations

19
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Portable Micropatterns of Neuronal Cells Supported by Thin Hydrogel Films. ACS Biomaterials Science and Engineering, 2015, 1, 329-334.	5.2	22
2	Electrical aspects of skin as a pathway to engineering skin devices. APL Bioengineering, 2021, 5, 041509.	6.2	12
3	Porous microneedle-based wearable device for monitoring of transepidermal potential. Biomedical Engineering Advances, 2021, 1, 100004.	3.8	11
4	Minimally-invasive transepidermal potentiometry with microneedle salt bridge. Biomedical Microdevices, 2016, 18, 55.	2.8	10
5	Red light-promoted skin barrier recovery: Spatiotemporal evaluation by transepidermal potential. PLoS ONE, 2019, 14, e0219198.	2.5	7
6	Highly stretchable cell-cultured hydrogel sheet. RSC Advances, 2015, 5, 66334-66338.	3.6	3
7	Transepidermal Potential of the Stretched Skin. Journal of Biomechanical Engineering, 2019, 141, .	1.3	3
8	Minimally-invasive transepidermal potentiometry with microneedle salt bridge for evaluation of the skin barrier repair. Journal of Dermatological Science, 2017, 86, e48.	1.9	0
9	Development of Diagnostic and Therapeutic Electrical Device for Skin Barrier Function. The Proceedings of the JSME Conference on Frontiers in Bioengineering, 2016, 2016.27, B113.	0.0	0
10	Development of Electrical Device for Evaluation and Control of Skin Function. The Proceedings of the JSME Conference on Frontiers in Bioengineering, 2017, 2017.28, 2B12.	0.0	0
11	Electrical Evaluation and Control of Skin Function. The Proceedings of the JSME Conference on Frontiers in Bioengineering, 2018, 2018.29, 1B22.	0.0	0
12	The Development of the Technique for Physical Bonding between Gel/Silicone for the Hydrogel Salt Bridge Electrode. ECS Meeting Abstracts, 2020, MA2020-02, 3650-3650.	0.0	0
13	Biodegradable Porous Microneedle for Electric Skin Patch. ECS Meeting Abstracts, 2020, MA2020-02, 3288-3288.	0.0	0
14	Wearable Patch-Type Transepidermal Potential Measurement Device with Porous Microneedle. ECS Meeting Abstracts, 2020, MA2020-02, 3651-3651.	0.0	0
15	Hydrogel-Based Transparent Subdural Electrode with Salt Bridge As Interface to Brain Surface. ECS Meeting Abstracts, 2020, MA2020-02, 2793-2793.	0.0	0
16	Development of Permeable and Transparent Intracranial Electrode Embedded in Hydrogel Substrate. ECS Meeting Abstracts, 2020, MA2020-02, 3311-3311.	0.0	0
17	The Optimized Fabrication of a Polymeric Porous Microneedle for Effective Iontophoresis. ECS Meeting Abstracts, 2020, MA2020-02, 3649-3649.	0.0	0
18	Electrochemical Evaluation and Control of Skin Function Via Transepidermal Potential. ECS Meeting Abstracts, 2020, MA2020-02, 2820-2820.	0.0	0

#	ARTICLE	IF	CITATIONS
19	Designed Electroosmotic Polymer for an Anti-Drying Contact Lens Device. ECS Meeting Abstracts, 2020, MA2020-02, 3300-3300.	0.0	0