

Zijie Zhu

List of Publications by Year in descending order

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17
papers

700
citations

1040056

9
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1199594

12
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all docs

17
docs citations

17
times ranked

1205
citing authors

#	ARTICLE	IF	CITATIONS
1	Supercapacitive Iontronic Nanofabric Sensing. <i>Advanced Materials</i> , 2017, 29, 1700253.	21.0	187
2	Imperceptible Epidermal Iontronic Interface for Wearable Sensing. <i>Advanced Materials</i> , 2018, 30, 1705122.	21.0	150
3	All-in-One Iontronic Sensing Paper. <i>Advanced Functional Materials</i> , 2019, 29, 1807343.	14.9	85
4	Investigation of Size-Dependent Plasmonic and Catalytic Properties of Metallic Nanocrystals Enabled by Size Control with HCl Oxidative Etching. <i>Small</i> , 2012, 8, 1710-1716.	10.0	65
5	Photopatternable PEDOT:PSS/PEG hybrid thin film with moisture stability and sensitivity. <i>Microsystems and Nanoengineering</i> , 2017, 3, 17004.	7.0	50
6	Microfluidic-Enabled Print-to-Screen Platform for High-Throughput Screening of Combinatorial Chemotherapy. <i>Analytical Chemistry</i> , 2015, 87, 10166-10171.	6.5	39
7	Collective cell migration has distinct directionality and speed dynamics. <i>Cellular and Molecular Life Sciences</i> , 2017, 74, 3841-3850.	5.4	33
8	FeetBeat: A Flexible Iontronic Sensing Wearable Detects Pedal Pulses and Muscular Activities. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 3072-3079.	4.2	29
9	ElectroTaxis-on-a-Chip (ETC): an integrated quantitative high-throughput screening platform for electrical field-directed cell migration. <i>Lab on A Chip</i> , 2014, 14, 4398-4405.	6.0	22
10	EIS. , 2018, 2, 1-22.		13
11	Optimization of Electrical Stimulation for Safe and Effective Guidance of Human Cells. <i>Bioelectricity</i> , 2020, 2, 372-381.	1.1	13
12	Paper Electronics: All-in-One Iontronic Sensing Paper (Adv. Funct. Mater. 11/2019). <i>Advanced Functional Materials</i> , 2019, 29, 1970072.	14.9	6
13	Wearable Sensors: Supercapacitive Iontronic Nanofabric Sensing (Adv. Mater. 36/2017). <i>Advanced Materials</i> , 2017, 29, .	21.0	4
14	EIS: A wearable device for epidermal pressure sensing. , 2018, , .		3
15	Electrospun nanofabric based all-fabric iontronic pressure sensor. , 2017, , .		1
16	Photopatternable and moisture-stable PEDOT:PSS/PEG hybrid thin-film for flexible and wearable humidity sensing. , 2017, , .		0
17	Electronic Skin: Imperceptible Epidermal Iontronic Interface for Wearable Sensing (Adv. Mater.) Tj ETQq1 1 0.784314 rgBT/Overlock	21.0	0