

Manping Jia

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

385
citations

840776

11
h-index

888059

17
g-index

18
all docs

18
docs citations

18
times ranked

364
citing authors

#	ARTICLE	IF	CITATIONS
1	Ion-Conducting Hydrogels and Their Applications in Bioelectronics. <i>Advanced Sustainable Systems</i> , 2022, 6, 2100173.	5.3	41
2	Correlating Ionic Conductivity and Microstructure in Polyelectrolyte Hydrogels for Bioelectronic Devices. <i>Macromolecular Rapid Communications</i> , 2022, 43, e2100687.	3.9	13
3	A multi-ion electrophoretic pump for simultaneous on-chip delivery of H ⁺ , Na ⁺ , and Cl ⁻ . <i>APL Materials</i> , 2022, 10, .	5.1	8
4	Feedback Control of Bioelectronic Devices Using Machine Learning. , 2021, 5, 1133-1138.		18
5	Natural biopolymers as proton conductors in bioelectronics. <i>Biopolymers</i> , 2021, 112, e23433.	2.4	26
6	Diverse Proton-Conducting Nanotubes via a Tandem Macrocyclization and Assembly Strategy. <i>Journal of the American Chemical Society</i> , 2021, 143, 8145-8153.	13.7	7
7	The multi-channel potentiostat: Development and evaluation of a scalable mini-potentiostat array for investigating electrochemical reaction mechanisms. <i>PLoS ONE</i> , 2021, 16, e0257167.	2.5	16
8	Colloidal structure and proton conductivity of the gel within the electrosensory organs of cartilaginous fishes. <i>IScience</i> , 2021, 24, 102947.	4.1	2
9	A feedback control architecture for bioelectronic devices with applications to wound healing. <i>Journal of the Royal Society Interface</i> , 2021, 18, 20210497.	3.4	7
10	Machine Learning-Driven Bioelectronics for Closed-Loop Control of Cells. <i>Advanced Intelligent Systems</i> , 2020, 2, 2000140.	6.1	29
11	Bioelectronic control of chloride ions and concentration with Ag/AgCl contacts. <i>APL Materials</i> , 2020, 8, .	5.1	18
12	A Microfluidic Ion Sensor Array. <i>Small</i> , 2020, 16, e1906436.	10.0	12
13	Soft and Ion-Conducting Materials in Bioelectronics: From Conducting Polymers to Hydrogels. <i>Advanced Healthcare Materials</i> , 2020, 9, e1901372.	7.6	71
14	Single-Crystal Polycationic Polymers Obtained by Single-Crystal-to-Single-Crystal Photopolymerization. <i>Journal of the American Chemical Society</i> , 2020, 142, 6180-6187.	13.7	50
15	Control of pH in bioelectronics and applications. <i>APL Materials</i> , 2020, 8, .	5.1	9
16	Machine Learning-Driven Bioelectronics for Closed-Loop Control of Cells. <i>Advanced Intelligent Systems</i> , 2020, 2, 2070122.	6.1	3
17	Trapping and Characterization of Nontoxic A β ⁴² Aggregation Intermediates. <i>ACS Chemical Neuroscience</i> , 2019, 10, 3880-3887.	3.5	25
18	Proton conductivity of glycosaminoglycans. <i>PLoS ONE</i> , 2019, 14, e0202713.	2.5	30