

Seth A Hara

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

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citations

1477746

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13
docs citations

13
times ranked

408
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel flexible Parylene neural probe with 3D sheath structure for enhancing tissue integration. Lab on A Chip, 2013, 13, 554-561.	3.1	102
2	Long-term stability of intracortical recordings using perforated and arrayed Parylene sheath electrodes. Journal of Neural Engineering, 2016, 13, 066020.	1.8	39
3	Matrigel coatings for Parylene sheath neural probes. Journal of Biomedical Materials Research - Part B Applied Biomaterials, 2016, 104, 357-368.	1.6	32
4	Design Choices for Next-Generation Neurotechnology Can Impact Motion Artifact in Electrophysiological and Fast-Scan Cyclic Voltammetry Measurements. Micromachines, 2018, 9, 494.	1.4	15
5	Next-Generation Diamond Electrodes for Neurochemical Sensing: Challenges and Opportunities. Micromachines, 2021, 12, 128.	1.4	15
6	An Electrochemical Investigation of the Impact of Microfabrication Techniques on Polymer-Based Microelectrode Neural Interfaces. Journal of Microelectromechanical Systems, 2015, 24, 801-809.	1.7	10
7	Pre-implantation electrochemical characterization of a Parylene C sheath microelectrode array probe. , 2012, 2012, 5126-9.		8
8	Defining a Path Toward the Use of Fast-Scan Cyclic Voltammetry in Human Studies. Frontiers in Neuroscience, 2021, 15, 728092.	1.4	4
9	Perforated Parylene sheath electrode array for chronic intracortical recording. , 2013, , .		2
10	Evaluation of post-fabrication thermoforming process for intracortical Parylene sheath electrode. , 2013, , .		1
11	Removal and evaluation of non-diamond carbon on boron-doped diamond electrodes. , 2017, , .		1
12	Instrumentation for electrochemical performance characterization of neural electrodes. Review of Scientific Instruments, 2017, 88, 085101.	0.6	0
13	Evidence-based aerosol clearance times in a healthcare environment. Infection Prevention in Practice, 2021, 3, 100170.	0.6	0