

Farah Laiwalla

List of Publications by Year in descending order

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12
papers

469
citations

1478505

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1720034

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14
docs citations

14
times ranked

505
citing authors

#	ARTICLE	IF	CITATIONS
1	Listening to Brain Microcircuits for Interfacing With External Worldâ€™Progress in Wireless Implantable Microelectronic Neuroengineering Devices. Proceedings of the IEEE, 2010, 98, 375-388.	21.3	114
2	Neural recording and stimulation using wireless networks of microimplants. Nature Electronics, 2021, 4, 604-614.	26.0	81
3	Conformal Hermetic Sealing of Wireless Microelectronic Implantable Chiplets by Multilayered Atomic Layer Deposition (ALD). Advanced Functional Materials, 2019, 29, 1806440.	14.9	70
4	An Implantable Wireless Network of Distributed Microscale Sensors for Neural Applications. , 2019, , .		39
5	A CMOS Distributed Sensor System for High-Density Wireless Neural Implants for Brain-Machine Interfaces. , 2018, , .		36
6	A 0.01-mm ² Mostly Digital Capacitor-Less AFE for Distributed Autonomous Neural Sensor Nodes. IEEE Solid-State Circuits Letters, 2018, 1, 162-165.	2.0	32
7	Wireless Power and Data Link for Ensembles of Sub-mm scale Implantable Sensors near 1GHz. , 2018, , .		26
8	A Distributed Wireless Network of Implantable Sub-mm Cortical Microstimulators for Brain-Computer Interfaces. , 2019, 2019, 6876-6879.		23
9	Distributed Microscale Brain Implants with Wireless Power Transfer and Mbps Bi-directional Networked Communications. , 2019, , .		16
10	A Scalable and Low Stress Post-CMOS Processing Technique for Implantable Microsensors. Micromachines, 2020, 11, 925.	2.9	16
11	Future of Neural Interfaces. Advances in Experimental Medicine and Biology, 2019, 1101, 225-241.	1.6	7
12	A Software-Defined Radio for Wireless Brain Implants Network. , 2018, , .		4