

Christian Boehler

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

745
citations

759233

12
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

961
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Stable Adhesion for Conducting Polymers in Biomedical Applications: IrOx and Nanostructured Platinum Solve the Chronic Challenge. ACS Applied Materials & Interfaces, 2017, 9, 189-197.	8.0	143
2	Tutorial: guidelines for standardized performance tests for electrodes intended for neural interfaces and bioelectronics. Nature Protocols, 2020, 15, 3557-3578.	12.0	142
3	Thin films and microelectrode arrays for neuroprosthetics. MRS Bulletin, 2012, 37, 590-598.	3.5	112
4	Applications of PEDOT in bioelectronic medicine. Bioelectronics in Medicine, 2019, 2, 89-99.	2.0	80
5	Conformable polyimide-based $\frac{1}{4}$ ECoGs: Bringing the electrodes closer to the signal source. Biomaterials, 2020, 255, 120178.	11.4	58
6	NanoPtâ€”A Nanostructured Electrode Coating for Neural Recording and Microstimulation. ACS Applied Materials & Interfaces, 2020, 12, 14855-14865.	8.0	44
7	A detailed insight into drug delivery from PEDOT based on analytical methods: Effects and side effects. Journal of Biomedical Materials Research - Part A, 2015, 103, 1200-1207.	4.0	38
8	Tuning drug delivery from conducting polymer films for accurately controlled release of charged molecules. Journal of Controlled Release, 2019, 304, 173-180.	9.9	35
9	Anti-inflammatory polymer electrodes for glial scar treatment: bringing the conceptual idea to future results. Frontiers in Neuroengineering, 2014, 7, 9.	4.8	23
10	A Simple Approach for Molecular Controlled Release based on Atomic Layer Deposition Hybridized Organic-Inorganic Layers. Scientific Reports, 2016, 6, 19574.	3.3	20
11	SIROF stabilized PEDOT/PSS allows biocompatible and reversible direct current stimulation capable of driving electrotaxis in cells. Biomaterials, 2021, 275, 120949.	11.4	19
12	Long-term Adhesion Studies of Polyimide to Inorganic and Metallic Layers. Materials Research Society Symposia Proceedings, 2012, 1466, 1.	0.1	16
13	A Subdural Bioelectronic Implant to Record Electrical Activity from the Spinal Cord in Freely Moving Rats. Advanced Science, 2022, 9, e2105913.	11.2	10
14	Stretchable Electronics Based on Laser Structured, Vapor Phase Polymerized PEDOT/Tosylate. Polymers, 2020, 12, 1654.	4.5	3
15	Accurate neuronal tracing of microelectrodes based on PEDOT-dye coatings. , 2015, , .		2