

# Christian Boehler

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6205491/publications.pdf>

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