Leroy Grob

List of Publications by Year
in descending order

11 papers	155 citations	1307594 7 h-index	1372567 10 g-index
12 all docs	12 docs citations	12 times ranked	244 citing authors

#	Article	IF	Citations
1	Fully Printed Î¼-Needle Electrode Array from Conductive Polymer Ink for Bioelectronic Applications. ACS Applied Materials & Interfaces, 2019, 11, 32778-32786.	8.0	45
2	An Investigation into the Intrinsic Peroxidaseâ€Like Activity of Feâ€MOFs and Feâ€MOFs/Polymer Composites. Advanced Materials Technologies, 2021, 6, 2001048.	5.8	27
3	Printed 3D Electrode Arrays with Micrometerâ€Scale Lateral Resolution for Extracellular Recording of Action Potentials. Advanced Materials Technologies, 2020, 5, 1900517.	5.8	23
4	Direct Stereolithographic 3D Printing of Microfluidic Structures on Polymer Substrates for Printed Electronics. Advanced Materials Technologies, 2019, 4, 1800455.	5.8	15
5	On-Chip Stochastic Detection of Silver Nanoparticles without a Reference Electrode. ACS Sensors, 2018, 3, 93-98.	7.8	12
6	Inkjet-Printed and Electroplated 3D Electrodes for Recording Extracellular Signals in Cell Culture. Sensors, 2021, 21, 3981.	3.8	11
7	Ultrasoft Silicone Gel as a Biomimetic Passivation Layer in Inkjetâ€Printed 3D MEA Devices. Advanced Biology, 2019, 3, e1900130.	3.0	8
8	Engineering Electrostatic Repulsion of Metal Nanoparticles for Reduced Adsorption in Single-Impact Electrochemical Recordings. ACS Applied Nano Materials, 2021, 4, 8314-8320.	5.0	8
9	3D Printing of Implants Composed of Nanjing Tamasudareâ€Inspired Flexible Shape Transformers. Advanced Materials Technologies, 2021, 6, 2100240.	5.8	4
10	Electronic design automation for increased robustness in inkjet-printed electronics. Flexible and Printed Electronics, 2019, 4, 045002.	2.7	2
11	Manufacturing Cycle-Time Optimization Using Gaussian Drying Model for Inkjet-Printed Electronics. , 2021, , .		0