

# Ali Maziz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3623360/publications.pdf>

Version: 2024-02-01

18  
papers

1,065  
citations

623734

14  
h-index

888059

17  
g-index

20  
all docs

20  
docs citations

20  
times ranked

1481  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Top-Down Fabrication Approach For Delivering Implantable and Ultrathin Flexible Brain Probes. , 2022, , .		1
2	Scalable batch fabrication of ultrathin flexible neural probes using a bioresorbable silk layer. Microsystems and Nanoengineering, 2022, 8, 21.	7.0	18
3	Progress in conducting polymers for biointerfacing and biorecognition applications. Sensors and Actuators Reports, 2021, 3, 100035.	4.4	35
4	Nanofibrous PEDOT-Carbon Composite on Flexible Probes for Soft Neural Interfacing. Frontiers in Bioengineering and Biotechnology, 2021, 9, 780197.	4.1	5
5	Microelectrodes from PEDOT-carbon nanofiber composite for high performance neural recording, stimulation and neurochemical sensing. MethodsX, 2020, 7, 101106.	1.6	12
6	Carbon nanofiber-PEDOT composite films as novel microelectrode for neural interfaces and biosensing. Biosensors and Bioelectronics, 2020, 165, 112413.	10.1	49
7	Patterning Highly Conducting Conjugated Polymer Electrodes for Soft and Flexible Microelectrochemical Devices. ACS Applied Materials & Interfaces, 2018, 10, 14978-14985.	8.0	15
8	Tuning the properties of silk fibroin biomaterial via chemical cross-linking. Biomedical Physics and Engineering Express, 2018, 4, 065012.	1.2	18
9	Actuating Textiles: Next Generation of Smart Textiles. Advanced Materials Technologies, 2018, 3, 1700397.	5.8	93
10	Knitting and weaving artificial muscles. Science Advances, 2017, 3, e1600327.	10.3	278
11	Electronic Paper: Plasmonic Metasurfaces with Conjugated Polymers for Flexible Electronic Paper in Color (Adv. Mater. 45/2016). Advanced Materials, 2016, 28, 10103-10103.	21.0	5
12	Plasmonic Metasurfaces with Conjugated Polymers for Flexible Electronic Paper in Color. Advanced Materials, 2016, 28, 9956-9960.	21.0	128
13	Bottom-up microfabrication process for individually controlled conjugated polymer actuators. Sensors and Actuators B: Chemical, 2016, 230, 818-824.	7.8	27
14	Top-down Approach for the Direct Synthesis, Patterning, and Operation of Artificial Micromuscles on Flexible Substrates. ACS Applied Materials & Interfaces, 2016, 8, 1559-1564.	8.0	41
15	Demonstrating kHz Frequency Actuation for Conducting Polymer Microactuators. Advanced Functional Materials, 2014, 24, 4851-4859.	14.9	96
16	Robust solid polymer electrolyte for conducting IPN actuators. Smart Materials and Structures, 2013, 22, 104005.	3.5	79
17	In search of better electroactive polymer actuator materials: PPy versus PEDOT versus PEDOTâ€“PPy composites. Smart Materials and Structures, 2013, 22, 104006.	3.5	76
18	Flexible Solid Polymer Electrolytes Based on Nitrile Butadiene Rubber/Poly(ethylene oxide) Interpenetrating Polymer Networks Containing Either LiTFSI or EMITFSI. Macromolecules, 2011, 44, 9683-9691.	4.8	88