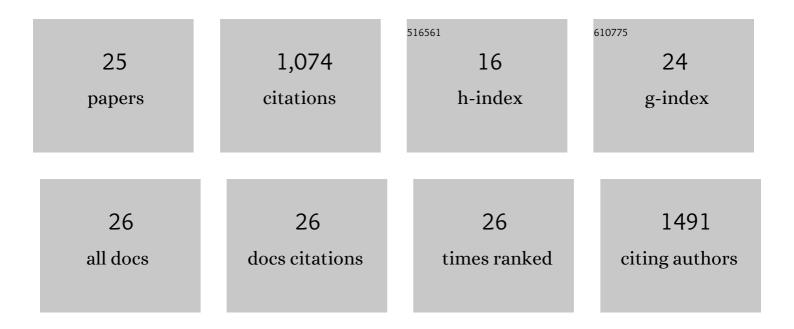
Zequn Cui

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4497188/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Recent Advances in TiO ₂ â€Based Nanostructured Surfaces with Controllable Wettability and Adhesion. Small, 2016, 12, 2203-2224.	5.2	278
2	Portable Foodâ€Freshness Prediction Platform Based on Colorimetric Barcode Combinatorics and Deep Convolutional Neural Networks. Advanced Materials, 2020, 32, e2004805.	11.1	131
3	Efficient PbS quantum dot solar cells employing a conventional structure. Journal of Materials Chemistry A, 2017, 5, 23960-23966.	5.2	104
4	Fusing Stretchable Sensing Technology with Machine Learning for Human–Machine Interfaces. Advanced Functional Materials, 2021, 31, 2008807.	7.8	84
5	Artificial Sense Technology: Emulating and Extending Biological Senses. ACS Nano, 2021, 15, 18671-18678.	7.3	64
6	Locally coupled electromechanical interfaces based on cytoadhesion-inspired hybrids to identify muscular excitation-contraction signatures. Nature Communications, 2020, 11, 2183.	5.8	47
7	A Stretchable and Transparent Electrode Based on PEGylated Silk Fibroin for In Vivo Dualâ€Modal Neuralâ€Vascular Activity Probing. Advanced Materials, 2021, 33, e2100221.	11.1	43
8	Pangolinâ€inspired Stretchable, Microwaveâ€invisible Metascale. Advanced Materials, 2021, 33, e2102131.	11.1	40
9	Haptically Quantifying Young's Modulus of Soft Materials Using a Self‣ocked Stretchable Strain Sensor. Advanced Materials, 2022, 34, e2104078.	11.1	39
10	A Mechanically Interlocking Strategy Based on Conductive Microbridges for Stretchable Electronics. Advanced Materials, 2022, 34, e2101339.	11.1	35
11	Addressable growth of oriented organic semiconductor ultra-thin films on hydrophobic surface by direct dip-coating. Organic Electronics, 2015, 24, 170-175.	1.4	33
12	Transition of axial segregation patterns in a long rotating drum. Particuology, 2014, 13, 128-133.	2.0	30
13	Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography. Small, 2016, 12, 5818-5825.	5.2	25
14	Fast patterning of oriented organic microstripes for field-effect ammonia gas sensors. Nanoscale, 2016, 8, 3954-3961.	2.8	23
15	Mechanically Durable Memristor Arrays Based on a Discrete Structure Design. Advanced Materials, 2022, 34, e2106212.	11.1	19
16	Mechanical Tolerance of Cascade Bioreactions via Adaptive Curvature Engineering for Epidermal Bioelectronics. Advanced Materials, 2020, 32, e2000991.	11.1	17
17	High performance all-polymer solar cells employing systematically tailored donor polymers. Organic Electronics, 2016, 33, 227-234.	1.4	14
18	Seeing Down to the Bottom: Nondestructive Inspection of Allâ€Polymer Solar Cells by Kelvin Probe Force Microscopy. Advanced Materials Interfaces, 2016, 3, 1600446.	1.9	13

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#	Article	IF	CITATIONS
19	Modulating the Spatial Electrostatic Potential for 1D Colloidal Nanoparticles Assembly. Advanced Materials Interfaces, 2017, 4, 1700505.	1.9	12
20	Strainâ€Enabled Phase Transition of Periodic Metasurfaces. Advanced Materials, 2022, 34, e2102560.	11.1	7
21	Photo-generated charge behaviors in all-polymer solar cells studied by Kelvin probe force microscopy. Organic Electronics, 2016, 39, 38-42.	1.4	6
22	Quasi-Layer-by-Layer Growth of Pentacene on HOPG and Au Surfaces. Journal of Physical Chemistry C, 2017, 121, 25043-25051.	1.5	4
23	Wettability: Recent Advances in TiO2-Based Nanostructured Surfaces with Controllable Wettability and Adhesion (Small 16/2016). Small, 2016, 12, 2248-2248.	5.2	3
24	Plasmonic Nanoparticles: Scalable Fabrication of Multiplexed Plasmonic Nanoparticle Structures Based on AFM Lithography (Small 42/2016). Small, 2016, 12, 5817-5817.	5.2	2
25	Photovoltaics: Seeing Down to the Bottom: Nondestructive Inspection of All-Polymer Solar Cells by Kelvin Probe Force Microscopy (Adv. Mater. Interfaces 18/2016). Advanced Materials Interfaces, 2016, 3, .	1.9	0