

# Mo-Yuan Shen

## List of Publications by Citations

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17  
papers

442  
citations

12  
h-index

19  
g-index

19  
ext. papers

514  
ext. citations

7.7  
avg, IF

3.56  
L-index

#	Paper	IF	Citations
17	Silicon nanowire field-effect-transistor based biosensors: from sensitive to ultra-sensitive. <i>Biosensors and Bioelectronics</i> , <b>2014</b> , 60, 101-11	11.8	113
16	Ultrathin Cell-Membrane-Mimic Phosphorylcholine Polymer Film Coating Enables Large Improvements for In Vivo Electrochemical Detection. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 11802-11806	16.4	92
15	Step-Economical Syntheses of Functional BODIPY-EDOT $\pi$ -Conjugated Materials through Direct C-H Arylation. <i>Organic Letters</i> , <b>2015</b> , 17, 3198-201	6.2	29
14	Glycan Stimulation Enables Purification of Prostate Cancer Circulating Tumor Cells on PEDOT NanoVelcro Chips for RNA Biomarker Detection. <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, 1700701	10.1	29
13	Water-soluble germanium nanoparticles cause necrotic cell death and the damage can be attenuated by blocking the transduction of necrotic signaling pathway. <i>Toxicology Letters</i> , <b>2011</b> , 207, 258-69	4.4	26
12	Conducting Polymers $\pi$ -Thylakoid Hybrid Materials for Water Oxidation and Photoelectric Conversion. <i>Advanced Electronic Materials</i> , <b>2019</b> , 5, 1800789	6.4	24
11	Ultrathin Cell-Membrane-Mimic Phosphorylcholine Polymer Film Coating Enables Large Improvements for In Vivo Electrochemical Detection. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 11964-11968	3.6	23
10	Rapid construction of an effective antifouling layer on a Au surface via electrodeposition. <i>Chemical Communications</i> , <b>2014</b> , 50, 6793-6	5.8	18
9	Surface Engineering of Phenylboronic Acid-Functionalized Poly(3,4-ethylenedioxythiophene) for Fast Responsive and Sensitive Glucose Monitoring. <i>ACS Applied Bio Materials</i> , <b>2018</b> , 1, 160-167	4.1	17
8	Diversity of sugar acceptor of glycosyltransferase 1 from <i>Bacillus cereus</i> and its application for glucoside synthesis. <i>Applied Microbiology and Biotechnology</i> , <b>2016</b> , 100, 4459-71	5.7	16
7	Facile Fabrication of a Sensor with a Bifunctional Interface for Logic Analysis of the New Delhi Metallo- $\beta$ -Lactamase (NDM)-Coding Gene. <i>ACS Sensors</i> , <b>2016</b> , 1, 124-130	9.2	13
6	A design for fast and effective screening of hyaluronidase inhibitor using gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , <b>2013</b> , 181, 605-610	8.5	12
5	Cross-Linked Fluorescent Supramolecular Nanoparticles as Finite Tattoo Pigments with Controllable Intradermal Retention Times. <i>ACS Nano</i> , <b>2017</b> , 11, 153-162	16.7	9
4	Inexpensive Synthesis of Poly(Ethylenedioxythiophene-Sulfobetaine) Films with High Bio-Antifouling Ability. <i>Journal of the Chinese Chemical Society</i> , <b>2018</b> , 65, 149-155	1.5	7
3	Electrically Responsive, Nanopatterned Surfaces for Triggered Delivery of Biologically Active Molecules into Cells. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2019</b> , 11, 1201-1208	9.5	6
2	Preparation of high-performance water-soluble quantum dots for biorecognition through fluorescence resonance energy transfer. <i>Chemistry - an Asian Journal</i> , <b>2012</b> , 7, 2848-53	4.5	4
1	RNA Biomarkers: Glycan Stimulation Enables Purification of Prostate Cancer Circulating Tumor Cells on PEDOT NanoVelcro Chips for RNA Biomarker Detection (Adv. Healthcare Mater. 3/2018). <i>Advanced Healthcare Materials</i> , <b>2018</b> , 7, 1870013	10.1	3

