

# Young Tea Chun

## List of Publications by Year in descending order

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Version: 2024-02-01

20  
papers

716  
citations

933447

10  
h-index

713466

21  
g-index

23  
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23  
docs citations

23  
times ranked

1220  
citing authors

#	ARTICLE	IF	CITATIONS
1	Recent Advances in Vanadium-Based Aqueous Rechargeable Zinc-Ion Batteries. <i>Advanced Energy Materials</i> , 2020, 10, 2000477.	19.5	265
2	Broadband MoS <sub>2</sub> Field-Effect Phototransistors: Ultrasensitive Visible-Light Photoresponse and Negative Infrared Photoresponse. <i>Advanced Materials</i> , 2018, 30, 1705880.	21.0	186
3	Phosphorus Regulated Cobalt Oxide@Nitrogen-Doped Carbon Nanowires for Flexible Quasi-Solid-State Supercapacitors. <i>Small</i> , 2020, 16, e1906458.	10.0	90
4	Electrically focus-tuneable ultrathin lens for high-resolution square subpixels. <i>Light: Science and Applications</i> , 2020, 9, 98.	16.6	29
5	Waterproof Flexible InP@ZnSeS Quantum Dot Light-Emitting Diode. <i>Advanced Optical Materials</i> , 2020, 8, 1901362.	7.3	23
6	High optical and switching performance electrochromic devices based on a zinc oxide nanowire with poly(methyl methacrylate) gel electrolytes. <i>Applied Physics Letters</i> , 2014, 105, .	3.3	19
7	High-resolution patterning of solution-processable materials via externally engineered pinning of capillary bridges. <i>Nature Communications</i> , 2018, 9, 393.	12.8	19
8	Modeling Electrical Percolation to optimize the Electromechanical Properties of CNT/Polymer Composites in Highly Stretchable Fiber Strain Sensors. <i>Scientific Reports</i> , 2019, 9, 20376.	3.3	18
9	Micro-to-nanometer patterning of solution-based materials for electronics and optoelectronics. <i>RSC Advances</i> , 2019, 9, 38085-38104.	3.6	17
10	High performance non-volatile ferroelectric copolymer memory based on a ZnO nanowire transistor fabricated on a transparent substrate. <i>Applied Physics Letters</i> , 2014, 104, 033101.	3.3	14
11	Hybrid Passivation for Foldable Indium Gallium Zinc Oxide Thin-Film Transistors Mediated by Low-Temperature and Low-Damage Parylene-C/Atomic Layer Deposition-Al <sub>2</sub> O <sub>3</sub> Coating. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900832.	1.8	8
12	Fibertronic Quantum-Dot Light-Emitting Diode for E-Textile. <i>ACS Applied Nano Materials</i> , 2020, 3, 11060-11069.	5.0	5
13	Focus-Tunable Planar Lenses by Controlled Carriers over Exciton. <i>Advanced Optical Materials</i> , 2021, 9, 2001526.	7.3	5
14	Optical property of hexagonal (2H) silicon crystal. <i>Semiconductor Science and Technology</i> , 2021, 36, 095023.	2.0	4
15	Variety of Ordered Patterns in Donor-Acceptor Polymer Semiconductor Films Crystallized from Solution. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 19055-19063.	8.0	3
16	Two-dimensional arrays self-assembled via interference of concentration modulation waves in drying solutions. <i>Materials Horizons</i> , 2019, 6, 507-514.	12.2	2
17	Flexible memory device based on polymer ferroelectric with zinc oxide single-nanowire transistors for robust multilevel operation. <i>Applied Physics Letters</i> , 2021, 119, 203102.	3.3	2
18	Semiconducting Polymer Nanowires with Highly Aligned Molecules for Polymer Field Effect Transistors. <i>Electronics (Switzerland)</i> , 2022, 11, 648.	3.1	2

#	ARTICLE	IF	CITATIONS
19	Insights into the growth of hexagonal Si crystals using Al-based nano absorber. Semiconductor Science and Technology, 2022, 37, 045016.	2.0	2
20	Communicationâ€”Screen-Printed Silver Electrodes for Enhanced Performance in Light-Emitting Devices Based on Electrochemiluminescence. ECS Journal of Solid State Science and Technology, 2019, 8, R146-R148.	1.8	1