

# Minho Yoon

## List of Publications by Year in descending order

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21  
papers

245  
citations

1163117

8  
h-index

996975

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g-index

22  
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22  
docs citations

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times ranked

430  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of fluorine-fluorine repulsive coupling on charge transport in cyclopentadithiophene-based donor-acceptor-type conjugated copolymer films. <i>Organic Electronics</i> , 2022, 101, 106402.	2.6	1
2	Enhanced channel modulation in Aluminum- and Hydrogen-Doped Zinc-Oxide-Based transistors by complementary Dual-Gate operation. <i>Applied Surface Science</i> , 2022, 585, 152662.	6.1	3
3	Enhanced Performance of Cyclopentadithiophene-Based Donor-Acceptor-Type Semiconducting Copolymer Transistors Obtained by a Wire Bar-Coating Method. <i>Polymers</i> , 2022, 14, 2.	4.5	5
4	Comparative Study of Charge-Transport Behavior of Edge-on- and Face-on-Oriented Diketopyrrolopyrrole-Based Conjugated Copolymers Bearing Chalcogenophene Units. <i>Chemistry of Materials</i> , 2022, 34, 314-324.	6.7	8
5	Efficient Charge Transport Driven by Strong Intermolecular Interactions in Cyclopentadithiophene-Based Donor-Acceptor Type Conjugated Copolymers. <i>Advanced Electronic Materials</i> , 2022, 8, .	5.1	8
6	Charge transfer doping with an organic layer to achieve a high-performance p-type WSe <sub>2</sub> transistor. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9592-9598.	5.5	7
7	Improved charge transport and trap-state distribution in donor-acceptor-type semiconducting copolymer with a fluoropolymer dielectric film. <i>Current Applied Physics</i> , 2021, 29, 72-77.	2.4	3
8	Structure-property relationship of donor-acceptor type conjugated copolymers with thienoisquinoline and benzothiadiazole units. <i>Dyes and Pigments</i> , 2021, 195, 109728.	3.7	1
9	Surface Polarization Doping in Diketopyrrolopyrrole-Based Conjugated Copolymers Using Cross-Linkable Terpolymer Dielectric Layers Containing Fluorinated Functional Units. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 54227-54236.	8.0	3
10	Intrinsic device parameter extraction method for zinc oxide-based thin-film transistors. <i>Applied Physics Express</i> , 2021, 14, 124003.	2.4	4
11	Temperature and gate-bias-dependent charge transport in inkjet-printed polymer field-effect transistor. <i>Journal of the Korean Physical Society</i> , 2021, 79, 1063-1068.	0.7	1
12	Complementary Hybrid Semiconducting Superlattices with Multiple Channels and Mutual Stabilization. <i>Nano Letters</i> , 2020, 20, 4864-4871.	9.1	13
13	Fermi-Level Engineering of Atomic Layer-Deposited Zinc Oxide Thin Films for a Vertically Stacked Inverter. <i>ACS Applied Electronic Materials</i> , 2020, 2, 537-544.	4.3	12
14	ZnO composite nanolayer with mobility edge quantization for multi-value logic transistors. <i>Nature Communications</i> , 2019, 10, 1998.	12.8	67
15	Polymer/oxide bilayer dielectric for hysteresis-minimized 1ÂV operating 2D TMD transistors. <i>RSC Advances</i> , 2018, 8, 2837-2843.	3.6	10
16	Charge-Transfer-Induced p-Type Channel in MoS <sub>2</sub> Flake Field Effect Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 4206-4212.	8.0	25
17	The accuracy evaluation of digital surgical stents according to supported type. <i>The Journal of Korean Academy of Prosthodontics</i> , 2018, 56, 8.	0.1	2
18	Shellac Films as a Natural Dielectric Layer for Enhanced Electron Transport in Polymer Field-Effect Transistors. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 18948-18955.	8.0	29

#	ARTICLE	IF	CITATIONS
19	Large-area plastic nanogap electronics enabled by adhesion lithography. Npj Flexible Electronics, 2018, 2, .	10.7	29
20	Charge Transport in 2D DNA Tunnel Junction Diodes. Small, 2017, 13, 1703006.	10.0	13
21	Error analysis of 3D printing surgical guide according to tooth position. Oral Biology Research, 2017, 41, 240-244.	0.1	1