

Minho Yoon

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

245
citations

1163117

8
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

430
citing authors

#	ARTICLE	IF	CITATIONS
1	ZnO composite nanolayer with mobility edge quantization for multi-value logic transistors. <i>Nature Communications</i> , 2019, 10, 1998.	12.8	67
2	Shellac Films as a Natural Dielectric Layer for Enhanced Electron Transport in Polymer Field-Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 18948-18955.	8.0	29
3	Large-area plastic nanogap electronics enabled by adhesion lithography. <i>Npj Flexible Electronics</i> , 2018, 2, .	10.7	29
4	Charge-Transfer-Induced p-Type Channel in MoS ₂ Flake Field Effect Transistors. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 4206-4212.	8.0	25
5	Charge Transport in 2D DNA Tunnel Junction Diodes. <i>Small</i> , 2017, 13, 1703006.	10.0	13
6	Complementary Hybrid Semiconducting Superlattices with Multiple Channels and Mutual Stabilization. <i>Nano Letters</i> , 2020, 20, 4864-4871.	9.1	13
7	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
8	Polymer/oxide bilayer dielectric for hysteresis-minimized 1ÅV operating 2D TMD transistors. <i>RSC Advances</i> , 2018, 8, 2837-2843.	3.6	10
9	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
10	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
11	Charge transfer doping with an organic layer to achieve a high-performance p-type WSe ₂ transistor. <i>Journal of Materials Chemistry C</i> , 2021, 9, 9592-9598.	5.5	7
12	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
13	Intrinsic device parameter extraction method for zinc oxide-based thin-film transistors. <i>Applied Physics Express</i> , 2021, 14, 124003.	2.4	4
14	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
15	Surface Polarization Doping in Diketopyrrolopyrrole-Based Conjugated Copolymers Using Cross-Linkable Terpolymer Dielectric Layers Containing Fluorinated Functional Units. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 54227-54236.	8.0	3
16	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
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	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

#	ARTICLE	IF	CITATIONS
19	Error analysis of 3D printing surgical guide according to tooth position. Oral Biology Research, 2017, 41, 240-244.	0.1	1
20	Effect of fluorineâ€“fluorine repulsive coupling on charge transport in cyclopentadithiophene-based donorâ€“acceptor-type conjugated copolymer films. Organic Electronics, 2022, 101, 106402.	2.6	1
21	Temperature and gate-bias-dependent charge transport in inkjet-printed polymer field-effect transistor. Journal of the Korean Physical Society, 2021, 79, 1063-1068.	0.7	1