

Seok Daniel Namgung

List of Publications by Year in descending order

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papers

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840776

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740
citing authors

#	ARTICLE	IF	CITATIONS
1	Revealing Structural Disorder in Hydrogenated Amorphous Silicon for a Low-Loss Photonic Platform at Visible Frequencies. <i>Advanced Materials</i> , 2021, 33, e2005893.	21.0	69
2	Electric and photovoltaic characteristics of a multi-layer ReS ₂ /ReSe ₂ heterostructure. <i>APL Materials</i> , 2017, 5, .	5.1	61
3	Multi-Layer MoS ₂ FET with Small Hysteresis by Using Atomic Layer Deposition Al ₂ O ₃ as Gate Insulator. <i>ECS Solid State Letters</i> , 2014, 3, Q67-Q69.	1.4	50
4	Influence of post-annealing on the off current of MoS ₂ field-effect transistors. <i>Nanoscale Research Letters</i> , 2015, 10, 62.	5.7	43
5	Proton-enabled activation of peptide materials for biological bimodal memory. <i>Nature Communications</i> , 2020, 11, 5896.	12.8	36
6	Adenine oligomer directed synthesis of chiral gold nanoparticles. <i>Nature Communications</i> , 2022, 13, .	12.8	31
7	Proton Conduction in a Tyrosine-Rich Peptide/Manganese Oxide Hybrid Nanofilm. <i>Advanced Functional Materials</i> , 2017, 27, 1702185.	14.9	23
8	Ultrasensitive Near-Infrared Circularly Polarized Light Detection Using 3D Perovskite Embedded with Chiral Plasmonic Nanoparticles. <i>Advanced Science</i> , 2022, 9, e2104598.	11.2	23
9	Physically Transient Field-Effect Transistors Based on Black Phosphorus. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42630-42636.	8.0	22
10	Tyrosyltyrosylcysteine-Directed Synthesis of Chiral Cobalt Oxide Nanoparticles and Peptide Conformation Analysis. <i>ACS Nano</i> , 2021, 15, 979-988.	14.6	19
11	Fully Degradable Memristors and Humidity Sensors Based on a Tyrosine-Rich Peptide. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3372-3378.	4.3	14
12	Humidity-induced synaptic plasticity of ZnO artificial synapses using peptide insulator for neuromorphic computing. <i>Journal of Materials Science and Technology</i> , 2022, 119, 150-155.	10.7	11
13	Increased electrical conductivity of peptides through annealing process. <i>APL Materials</i> , 2017, 5, .	5.1	9
14	Effects of proton conduction on dielectric properties of peptides. <i>RSC Advances</i> , 2018, 8, 34047-34055.	3.6	9
15	Optical properties of the crumpled pattern of selectively layered MoS ₂ . <i>Optics Letters</i> , 2018, 43, 4590.	3.3	9
16	Quantitative analysis of the coupling between proton and electron transport in peptide/manganese oxide hybrid films. <i>Physical Chemistry Chemical Physics</i> , 2020, 22, 7537-7545.	2.8	8
17	Tyrosine-Rich Peptide Insulator for Rapidly Dissolving Transient Electronics. <i>Advanced Materials Technologies</i> , 2020, 5, 2000516.	5.8	7
18	Selective photo-thermal modulation of ZnO/Pt interface for monolithic 3D integration of oxide-based resistive random access memory. <i>Applied Surface Science</i> , 2020, 520, 146380.	6.1	5

#	ARTICLE	IF	CITATIONS
19	Enhanced Device Stability of Ionic Gating Molybdenum Disulfide Transistors. Physica Status Solidi - Rapid Research Letters, 2019, 13, 1900142.	2.4	3
20	Synaptic transistors based on a tyrosine-rich peptide for neuromorphic computing. RSC Advances, 2021, 11, 39619-39624.	3.6	2
21	Polydopamine-Copper Hybrid Films as Source and Drain for Oxide Semiconductor Field-Effect Transistors. Advanced Electronic Materials, 2018, 4, 1800046.	5.1	1