

Min-Kyu Song

List of Publications by Year in descending order

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12
papers

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1039406

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times ranked

302
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	5.6	11
2	Fully Degradable Memristors and Humidity Sensors Based on a Tyrosine-Rich Peptide. <i>ACS Applied Electronic Materials</i> , 2021, 3, 3372-3378.	2.0	14
3	Encapsulation-enhanced switching stability of MoS ₂ memristors. <i>Journal of Alloys and Compounds</i> , 2021, 885, 161016.	2.8	12
4	Synaptic transistors based on a tyrosine-rich peptide for neuromorphic computing. <i>RSC Advances</i> , 2021, 11, 39619-39624.	1.7	2
5	Proton-enabled activation of peptide materials for biological bimodal memory. <i>Nature Communications</i> , 2020, 11, 5896.	5.8	36
6	Tyrosine-Rich Peptide Insulator for Rapidly Dissolving Transient Electronics. <i>Advanced Materials Technologies</i> , 2020, 5, 2000516.	3.0	7
7	Energy scavenging artificial nervous system for detecting rotational movement. <i>Nano Energy</i> , 2020, 74, 104912.	8.2	29
8	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.	1.3	8
9	Two-Dimensional WSe ₂ /MoS ₂ Heterojunction-Based Transparent Photovoltaic Cell and Its Performance Enhancement by Fluoropolymer Passivation. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35972-35977.	4.0	51
10	Physically Transient Field-Effect Transistors Based on Black Phosphorus. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 42630-42636.	4.0	22
11	Optical properties of the crumpled pattern of selectively layered MoS ₂ . <i>Optics Letters</i> , 2018, 43, 4590.	1.7	9
12	A transparent solar cell based on a mechanically exfoliated GaTe and InGaZnO heterojunction. <i>Journal of Materials Chemistry C</i> , 2017, 5, 4327-4334.	2.7	13