Min-Kyu Song

List of Publications by Year
in descending order

12	214	1039406 9	1199166 12
papers	citations	h-index	g-index

12	12	12	302
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two-Dimensional WSe₂/MoS₂ pâ€“n Heterojunction-Based Transparent Photovoltaic Cell and Its Performance Enhancement by Fluoropolymer Passivation. ACS Applied Materials & Interfaces, 2018, 10, 35972-35977.	4.0	51
2	Proton-enabled activation of peptide materials for biological bimodal memory. Nature Communications, 2020, 11, 5896.	5.8	36
3	Energy scavenging artificial nervous system for detecting rotational movement. Nano Energy, 2020, 74, 104912.	8.2	29
4	Physically Transient Field-Effect Transistors Based on Black Phosphorus. ACS Applied Materials & Interfaces, 2018, 10, 42630-42636.	4.0	22
5	Fully Degradable Memristors and Humidity Sensors Based on a Tyrosine-Rich Peptide. ACS Applied Electronic Materials, 2021, 3, 3372-3378.	2.0	14
6	A transparent solar cell based on a mechanically exfoliated GaTe and InGaZnO pâ€“n heterojunction. Journal of Materials Chemistry C, 2017, 5, 4327-4334.	2.7	13
7	Encapsulation-enhanced switching stability of MoS2 memristors. Journal of Alloys and Compounds, 2021, 885, 161016.	2.8	12
8	Humidity-induced synaptic plasticity of ZnO artificial synapses using peptide insulator for neuromorphic computing. Journal of Materials Science and Technology, 2022, 119, 150-155.	5.6	11
9	Optical properties of the crumpled pattern of selectively layered MoS₂. Optics Letters, 2018, 43, 4590.	1.7	9
10	Quantitative analysis of the coupling between proton and electron transport in peptide/manganese oxide hybrid films. Physical Chemistry Chemical Physics, 2020, 22, 7537-7545.	1.3	8
11	Tyrosineâ€Rich Peptide Insulator for Rapidly Dissolving Transient Electronics. Advanced Materials Technologies, 2020, 5, 2000516.	3.0	7
12	Synaptic transistors based on a tyrosine-rich peptide for neuromorphic computing. RSC Advances, 2021, 11, 39619-39624.	1.7	2