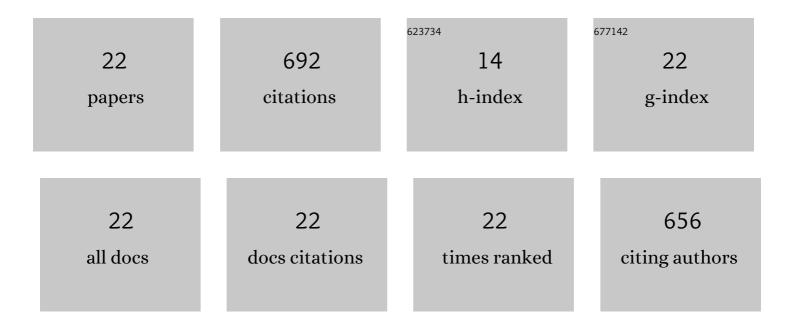
Junwoo Park

List of Publications by Year in descending order

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LUNINOO DADK

#	Article	IF	CITATIONS
1	Interfacial Ionâ€Trapping Electrolyteâ€Gated Transistors for Highâ€Fidelity Neuromorphic Computing. Advanced Functional Materials, 2022, 32, .	14.9	12
2	Controlled Hysteresis of Conductance in Molecular Tunneling Junctions. ACS Nano, 2022, 16, 4206-4216.	14.6	3
3	Rectification in Molecular Tunneling Junctions Based on Alkanethiolates with Bipyridine–Metal Complexes. Journal of the American Chemical Society, 2021, 143, 2156-2163.	13.7	40
4	Conformation, and Charge Tunneling through Molecules in SAMs. Journal of the American Chemical Society, 2021, 143, 3481-3493.	13.7	30
5	Characterizing Chelation at Surfaces by Charge Tunneling. Journal of the American Chemical Society, 2021, 143, 5967-5977.	13.7	10
6	Verification of Carrier Concentrationâ€Dependent Behavior in Waterâ€Infiltrationâ€Induced Electricity Generation by Ionovoltaic Effect. Small, 2021, 17, e2103448.	10.0	13
7	Cu _{<i>x</i>} O Nanowires Based Flexible Ionovoltaic Device for Droplet-Flow-Induced Electrical Energy Generation. ACS Applied Energy Materials, 2020, 3, 1253-1259.	5.1	15
8	Identification of water-infiltration-induced electrical energy generation by ionovoltaic effect in porous CuO nanowire films. Energy and Environmental Science, 2020, 13, 3432-3438.	30.8	46
9	Natural Evaporation-Driven Ionovoltaic Electricity Generation. ACS Applied Electronic Materials, 2019, 1, 1746-1751.	4.3	53
10	Investigation on Resistivity-Dependent Behavior of Carbon-Composite-Based Paintable Ionovoltaic Device. ACS Applied Electronic Materials, 2019, 1, 1059-1064.	4.3	4
11	Dipole-Induced Rectification Across Ag ^{TS} /SAM//Ga ₂ O ₃ /EGaIn Junctions. Journal of the American Chemical Society, 2019, 141, 8969-8980.	13.7	40
12	Ionovoltaic urea sensor. Nano Energy, 2019, 57, 195-201.	16.0	18
13	A Surfaceâ€Functionalized Ionovoltaic Device for Probing Ionâ€Specific Adsorption at the Solid–Liquid Interface. Advanced Materials, 2019, 31, e1806268.	21.0	22
14	lon Specificity on Electric Energy Generated by Flowing Water Droplets. Angewandte Chemie - International Edition, 2018, 57, 2091-2095.	13.8	58
15	lon Specificity on Electric Energy Generated by Flowing Water Droplets. Angewandte Chemie, 2018, 130, 2113-2117.	2.0	4
16	Electricity modulation of a water motion active transducer via surface functionality control. Nano Energy, 2017, 40, 447-453.	16.0	14
17	Identification of Droplet-Flow-Induced Electric Energy on Electrolyte–Insulator–Semiconductor Structure. Journal of the American Chemical Society, 2017, 139, 10968-10971.	13.7	56
18	Analysis on characteristics of contact-area-dependent electric energy induced by ion sorption at solid-liquid interface. Nano Energy, 2017, 42, 257-261.	16.0	16

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#	Article	IF	CITATIONS
19	Fabric Active Transducer Stimulated by Water Motion for Self-Powered Wearable Device. ACS Applied Materials & Interfaces, 2016, 8, 24579-24584.	8.0	20
20	Fluidic Active Transducer for Electricity Generation. Scientific Reports, 2015, 5, 15695.	3.3	29
21	Influences of Surface and Ionic Properties on Electricity Generation of an Active Transducer Driven by Water Motion. Journal of Physical Chemistry Letters, 2015, 6, 745-749.	4.6	52
22	An effective energy harvesting method from a natural water motion active transducer. Energy and Environmental Science, 2014, 7, 3279-3283.	30.8	137