Seo-Hyeon Jo

List of Publications by Year
in descending order

10	1,312	1040056 9	1372567 10
papers	citations	h-index	g-index

10	10	10	2198
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Artificial optic-neural synapse for colored and color-mixed pattern recognition. Nature Communications, 2018, 9, 5106.	12.8	462
2	Phosphorene/rhenium disulfide heterojunction-based negative differential resistance device for multi-valued logic. Nature Communications, 2016, 7, 13413.	12.8	332
3	A Highâ€Performance WSe₂/hâ€BN Photodetector using a Triphenylphosphine (PPh₃)â€Based nâ€Doping Technique. Advanced Materials, 2016, 28, 4824-4831.	21.0	139
4	Electronic and Optoelectronic Devices based on Twoâ€Dimensional Materials: From Fabrication to Application. Advanced Electronic Materials, 2017, 3, 1600364.	5.1	123
5	Light-Triggered Ternary Device and Inverter Based on Heterojunction of van der Waals Materials. ACS Nano, 2017, 11, 6319-6327.	14.6	78
6	Broad Detection Range Rhenium Diselenide Photodetector Enhanced by (3â€Aminopropyl)Triethoxysilane and Triphenylphosphine Treatment. Advanced Materials, 2016, 28, 6711-6718.	21.0	72
7	Highly Efficient Infrared Photodetection in a Gateâ€Controllable Van der Waals Heterojunction with Staggered Bandgap Alignment. Advanced Science, 2018, 5, 1700423.	11.2	66
8	Stable and Reversible Triphenylphosphine-Based n-Type Doping Technique for Molybdenum Disulfide (MoS₂). ACS Applied Materials & Interfaces, 2018, 10, 32765-32772.	8.0	28
9	Controllable and air-stable graphene n-type doping on phosphosilicate glass for intrinsic graphene. Organic Electronics, 2015, 22, 117-121.	2.6	11
10	Photodetectors: Broad Detection Range Rhenium Diselenide Photodetector Enhanced by (3-Aminopropyl)Triethoxysilane and Triphenylphosphine Treatment (Adv. Mater. 31/2016). Advanced Materials, 2016, 28, 6518-6518.	21.0	1