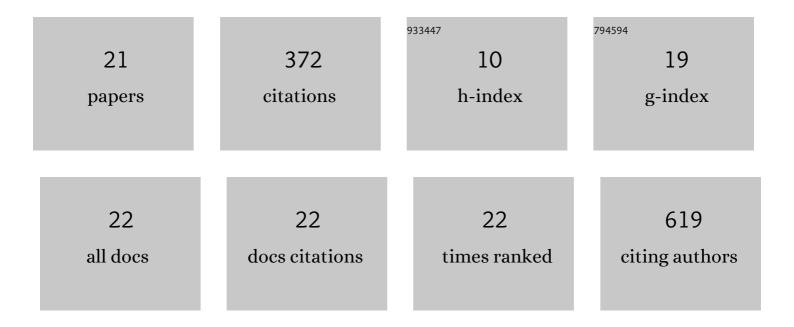
Sae-Wan Kim

List of Publications by Year in descending order

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SAF-MAN KIM

#	Article	IF	CITATIONS
1	An Organic/Inorganic Nanomaterial and Nanocrystal Quantum Dots-Based Multi-Level Resistive Memory Device. Nanomaterials, 2021, 11, 3004.	4.1	3
2	Multi-level resistive write-once-read-many memory device based on CdSe/ZnS quantum dots and ZnO nanoparticles. Thin Solid Films, 2020, 709, 138120.	1.8	6
3	High-Performance Quantum Dot-Light-Emitting Diodes with a Polyethylenimine Ethoxylated-modified Emission layer. Thin Solid Films, 2020, 709, 138179.	1.8	6
4	Air-stable and ultrasensitive solution-cast SWIR photodetectors utilizing modified core/shell colloidal quantum dots. Nano Convergence, 2020, 7, 28.	12.1	10
5	Sensitivity enhancement of H2 gas sensor using PbS quantum dots. Journal of Sensor Science and Technology, 2020, 29, 388-393.	0.2	1
6	Uncooled Short-Wave Infrared Sensor Based on PbS Quantum Dots Using ZnO NPs. Nanomaterials, 2019, 9, 926.	4.1	18
7	Effect of PVP-Capped ZnO Nanoparticles with Enhanced Charge Transport on the Performance of P3HT/PCBM Polymer Solar Cells. Polymers, 2019, 11, 1818.	4.5	17
8	Pyridine-based additive optimized P3HT:PC61BM nanomorphology for improved performance and stability in polymer solar cells. Applied Surface Science, 2019, 484, 825-834.	6.1	22
9	Al atomistic surface modulation on colloidal gradient quantum dots for high-brightness and stable light-emitting devices. Scientific Reports, 2019, 9, 6357.	3.3	6
10	Stable hybrid organic/inorganic multiple-read quantum-dot memory device based on a PVK/QDs solution. Applied Surface Science, 2019, 481, 25-32.	6.1	5
11	Quantum dot light emitting diodes using size-controlled ZnO NPs. Current Applied Physics, 2018, 18, 681-685.	2.4	21
12	Improving Air-Stability and Performance of Bulk Heterojunction Polymer Solar Cells Using Solvent Engineered Hole Selective Interlayer. Materials, 2018, 11, 1143.	2.9	17
13	Facile and One-step Processible CdSe/ZnS Quantum Dots and Pentacene-based Nonvolatile Memory Device. Journal of Semiconductor Technology and Science, 2018, 18, 180-186.	0.4	3
14	Functional solid additive modified PEDOT:PSS as an anode buffer layer for enhanced photovoltaic performance and stability in polymer solar cells. Scientific Reports, 2017, 7, 45079.	3.3	98
15	Easy-to-Fabricate and High-Sensitivity LSPR Type Specific Protein Detection Sensor Using AAO Nano-Pore Size Control. Sensors, 2017, 17, 856.	3.8	19
16	Enhancing the Photovoltaic Performance of Polymer Solar Cells by Manipulating Photoactive/Metal Interface. Journal of Nanoscience and Nanotechnology, 2017, 17, 8024-8030.	0.9	10
17	Low Dark-Current, High Current-Gain of PVK/ZnO Nanoparticles Composite-Based UV Photodetector by PN-Heterojunction Control. Sensors, 2016, 16, 74.	3.8	26
18	Efficient Quantum Dots Light-Emitting Devices Using Polyvinyl Pyrrolidone-Capped ZnO Nanoparticles With Enhanced Charge Transport. IEEE Electron Device Letters, 2016, 37, 1022-1024.	3.9	22

#	Article	IF	CITATIONS
19	Efficient exciton generation in atomic passivated CdSe/ZnS quantum dots light-emitting devices. Scientific Reports, 2016, 6, 34659.	3.3	54
20	Optical gas sensor based on LSPR using ZnO nanoparticles and AAO nanostructure. , 2015, , .		1
21	Incorporation of Gold Nanodots Into Poly(3,4-ethylenedioxythiophene):Poly(styrene sulfonate) for an Efficient Anode Interfacial Layer for Improved Plasmonic Organic Photovoltaics. Journal of Nanoscience and Nanotechnology, 2015, 15, 7092-7098.	0.9	7