

# Saewon Kang

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/446315/publications.pdf>

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19  
papers

1,623  
citations

687363

13  
h-index

794594

19  
g-index

19  
all docs

19  
docs citations

19  
times ranked

2943  
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible Ferroelectric Sensors with Ultrahigh Pressure Sensitivity and Linear Response over Exceptionally Broad Pressure Range. <i>ACS Nano</i> , 2018, 12, 4045-4054.	14.6	360
2	Large-Area Cross-Aligned Silver Nanowire Electrodes for Flexible, Transparent, and Force-Sensitive Mechanochromic Touch Screens. <i>ACS Nano</i> , 2017, 11, 4346-4357.	14.6	287
3	Capillary Printing of Highly Aligned Silver Nanowire Transparent Electrodes for High-Performance Optoelectronic Devices. <i>Nano Letters</i> , 2015, 15, 7933-7942.	9.1	196
4	Transparent and conductive nanomembranes with orthogonal silver nanowire arrays for skin-attachable loudspeakers and microphones. <i>Science Advances</i> , 2018, 4, eaas8772.	10.3	155
5	Biopolymeric photonic structures: design, fabrication, and emerging applications. <i>Chemical Society Reviews</i> , 2020, 49, 983-1031.	38.1	138
6	Stretchable and wearable colorimetric patches based on thermoresponsive plasmonic microgels embedded in a hydrogel film. <i>NPG Asia Materials</i> , 2018, 10, 912-922.	7.9	120
7	Ultrathin, lightweight and flexible perovskite solar cells with an excellent power-per-weight performance. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1107-1114.	10.3	100
8	Nanoparticle-Enhanced Silver-Nanowire Plasmonic Electrodes for High-Performance Organic Optoelectronic Devices. <i>Advanced Materials</i> , 2018, 30, e1800659.	21.0	67
9	Alternating Stacking of Nanocrystals and Nanofibers into Ultrastrong Chiral Biocomposite Laminates. <i>ACS Nano</i> , 2020, 14, 14675-14685.	14.6	41
10	High-Resolution Filtration Patterning of Silver Nanowire Electrodes for Flexible and Transparent Optoelectronic Devices. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 32154-32162.	8.0	35
11	Solution-Processable, High-Performance Flexible Electroluminescent Devices Based on High- $\kappa$ Nanodielectrics. <i>Advanced Functional Materials</i> , 2019, 29, 1904377.	14.9	24
12	Highly Stretchable Sound-Display Electronics Based on Strain-Sensitive Metallic Nanonetworks. <i>Advanced Science</i> , 2021, 8, 2001647.	11.2	23
13	Work Function Tuning of Zinc-Tin Oxide Thin Films Using High-Density O <sub>2</sub> Plasma Treatment. <i>Coatings</i> , 2020, 10, 1026.	2.6	15
14	Enhancing Plasmonic-Photonic Hybrid Cavity Modes by Coupling of Individual Plasmonic Nanoparticles. <i>Journal of Physical Chemistry C</i> , 2019, 123, 24255-24262.	3.1	14
15	Large and Emissive Crystals from Carbon Quantum Dots onto Interfacial Organized Templates. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 20167-20173.	13.8	14
16	A Flexible High-Performance Photoimaging Device Based on Bioinspired Hierarchical Multiple-Patterned Plasmonic Nanostructures. <i>Small</i> , 2018, 14, e1703890.	10.0	13
17	Protein-based functional nanocomposites. <i>MRS Bulletin</i> , 2020, 45, 1017-1026.	3.5	11
18	Effect of cerium doping on the electrical properties of ultrathin indium tin oxide films for application in touch sensors. <i>Thin Solid Films</i> , 2014, 559, 92-95.	1.8	8

#	ARTICLE	IF	CITATIONS
19	Characteristic of Ultrathin ITO Films with Sn Concentration Deposited by RF Superimposed DC Sputtering. Journal of Nanoelectronics and Optoelectronics, 2014, 9, 157-161.	0.5	2