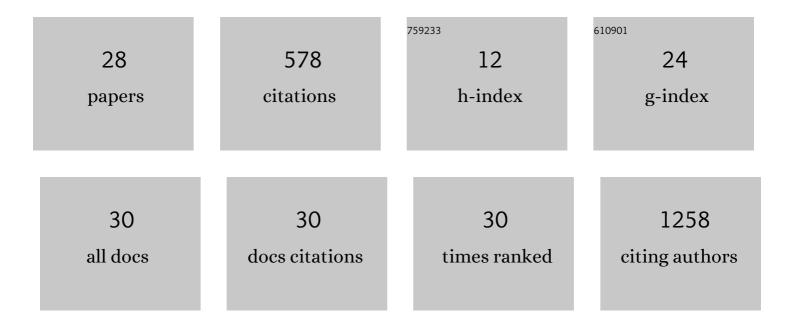
Sungjin Jo

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Characterization of Silver Nanowire-Based Transparent Electrodes Obtained Using Different Drying Methods. Nanomaterials, 2022, 12, 461.	4.1	1
2	Low-temperature solution-processed SnO ₂ electron transport layer modified by oxygen plasma for planar perovskite solar cells. RSC Advances, 2022, 12, 4883-4890.	3.6	13
3	Compact SnO2/Mesoporous TiO2 Bilayer Electron Transport Layer for Perovskite Solar Cells Fabricated at Low Process Temperature. Nanomaterials, 2022, 12, 718.	4.1	6
4	A Transparent Self-Healing Polyurethane–Isophorone-Diisocyanate Elastomer Based on Hydrogen-Bonding Interactions. ACS Applied Polymer Materials, 2022, 4, 2497-2505.	4.4	20
5	Characterization of optical manipulation using microlens arrays depending on the materials and sizes in organic photovoltaics. RSC Advances, 2021, 11, 9766-9774.	3.6	0
6	Enhanced Polymerization and Surface Hardness of Colloidal Siloxane Films via Electron Beam Irradiation. ACS Omega, 2021, 6, 13384-13390.	3.5	7
7	Improving the Thermal Stability and Oxidation Resistance of Silver Nanowire Films via 2-Mercaptobenzimidazole Modification. Journal of Electronic Materials, 2021, 50, 4908-4914.	2.2	3
8	Effect of Low-Pressure Plasma Treatment Parameters on Wrinkle Features. Materials, 2020, 13, 3852.	2.9	5
9	Enhancement of Antibacterial Performance of Silver Nanowire Transparent Film by Post-Heat Treatment. Nanomaterials, 2020, 10, 938.	4.1	14
10	Enhancement of Antibacterial Properties of a Silver Nanowire Film via Electron Beam Irradiation. ACS Applied Bio Materials, 2020, 3, 2117-2124.	4.6	20
11	Surface Engineering of Low-Temperature Processed Mesoporous TiO ₂ via Oxygen Plasma for Flexible Perovskite Solar Cells. ACS Applied Materials & Interfaces, 2020, 12, 12648-12655.	8.0	33
12	Thickness Uniformity Dependence on Polymer Viscosity in Silver-Nanowire-Embedded Flexible and Transparent Electrodes. Applied Sciences (Switzerland), 2020, 10, 2202.	2.5	1
13	Effect of Ultraviolet–Ozone Treatment on the Properties and Antibacterial Activity of Zinc Oxide Sol-Gel Film. Materials, 2019, 12, 2422.	2.9	11
14	Facile Interfacial Engineering of Mesoporous TiO2 for Low-Temperature Processed Perovskite Solar Cells. Nanomaterials, 2019, 9, 1220.	4.1	7
15	Enhancing Thermal Oxidation Stability of Silver Nanowire Transparent Electrodes by Using a Cesium Carbonate-Incorporated Overcoating Layer. Materials, 2019, 12, 1140.	2.9	7
16	Critical work of adhesion for economical patterning of silver nanowire-based transparent electrodes. Journal of Materials Chemistry A, 2019, 7, 14536-14544.	10.3	24
17	Spray Deposition of Ag Nanowire–Graphene Oxide Hybrid Electrodes for Flexible Polymer–Dispersed Liquid Crystal Displays. Materials, 2018, 11, 2231.	2.9	25
18	Reduced yellowing of silver nanowire transparent conductive electrodes by simple hydrazine treatment. AIP Advances, 2017, 7, 025215.	1.3	2

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#	Article	IF	CITATIONS
19	Releasable SU-8 structures for various microfabrication processes using a water-soluble sacrificial layer. Microelectronic Engineering, 2017, 172, 49-54.	2.4	2
20	Cross-buckled structures for stretchable and compressible thin film silicon solar cells. Scientific Reports, 2017, 7, 7575.	3.3	6
21	Hybrid Ag nanowire transparent conductive electrodes with randomly oriented and grid-patterned Ag nanowire networks. Scientific Reports, 2017, 7, 11614.	3.3	31
22	Serially Connected Micro Amorphous Silicon Solar Cells for Compact High-Voltage Sources. Journal of Nanomaterials, 2016, 2016, 1-6.	2.7	1
23	Transfer Printed Flexible and Stretchable Thin Film Solar Cells Using a Waterâ€Soluble Sacrificial Layer. Advanced Energy Materials, 2016, 6, 1601269.	19.5	48
24	A Repeatable Epitaxial Liftâ€Off Process from a Single GaAs Substrate for Lowâ€Cost and Highâ€Efficiency Illâ€V Solar Cells. Advanced Energy Materials, 2014, 4, 1400589.	19.5	34
25	Ultrasmooth, extremely deformable and shape recoverable Ag nanowire embedded transparent electrode. Scientific Reports, 2014, 4, 4788.	3.3	194
26	Self-assembled monolayer as an interfacial modification material for highly efficient and air-stable inverted organic solar cells. Applied Physics Letters, 2013, 102, .	3.3	46
27	LEGO-like assembly of peelable, deformable components for integrated devices. NPG Asia Materials, 2013, 5, e66-e66.	7.9	12
28	A 1.2- to 3-GHz tunable feedforward amplifier using broadband distributed phase shifters. Microwave and Optical Technology Letters, 2012, 54, 250-254.	1.4	2