

# Hae-Jun Seok

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

301  
citations

840776

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940533

16  
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23  
docs citations

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times ranked

303  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effective passivation of Ag nanowire network by transparent tetrahedral amorphous carbon film for flexible and transparent thin film heaters. <i>Scientific Reports</i> , 2018, 8, 13521.	3.3	40
2	Comparison of NiO thin film deposited by spin-coating or thermal evaporation for application as a hole transport layer of perovskite solar cells. <i>RSC Advances</i> , 2020, 10, 43847-43852.	3.6	29
3	ZnO:Ga-graded ITO electrodes to control interface between PCBM and ITO in planar perovskite solar cells. <i>Science and Technology of Advanced Materials</i> , 2019, 20, 389-400.	6.1	24
4	Highly Efficient and Reliable Semitransparent Perovskite Solar Cells via Top Electrode Engineering. <i>Advanced Functional Materials</i> , 2022, 32, .	14.9	20
5	Steering Interface Dipoles for Bright and Efficient All-Inorganic Quantum Dot Based Light-Emitting Diodes. <i>ACS Nano</i> , 2021, 15, 20332-20340.	14.6	18
6	Room Temperature Processed Transparent Amorphous InGaTiO Cathodes for Semi-Transparent Perovskite Solar Cells. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 27353-27363.	8.0	16
7	Compositional Engineering of Hf-Doped InZnSnO Films for High-Performance and Stability Amorphous Oxide Semiconductor Thin Film Transistors. <i>Advanced Electronic Materials</i> , 2021, 7, 2001216.	5.1	15
8	Defect-Free Mechanical Graphene Transfer Using <i>n</i> -Doping Adhesive Gel Buffer. <i>ACS Nano</i> , 2021, 15, 11276-11284.	14.6	14
9	Study of Sputtered ITO Films on Flexible Invar Metal Foils for Curved Perovskite Solar Cells. <i>Metals</i> , 2019, 9, 120.	2.3	13
10	Thermally-evaporated C <sub>60</sub> /Ag/C <sub>60</sub> multilayer electrodes for semi-transparent perovskite photovoltaics and thin film heaters. <i>Science and Technology of Advanced Materials</i> , 2020, 21, 435-449.	6.1	13
11	Transparent Molecular Adhesive Enabling Mechanically Stable ITO Thin Films. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 3463-3470.	8.0	13
12	Fabrication of InZnSiO/Ag/InZnSiO transparency flexible heater on polymer substrate by continuous roll-to-roll sputtering advanced technology. <i>Materials Science in Semiconductor Processing</i> , 2019, 99, 1-7.	4.0	11
13	Transition of the NiO Buffer Layer from a p-Type Semiconductor to an Insulator for Operation of Perovskite Solar Cells. <i>ACS Applied Energy Materials</i> , 2021, 4, 5452-5465.	5.1	11
14	Ga and Ti co-doped In <sub>2</sub> O <sub>3</sub> films for flexible amorphous transparent conducting oxides. <i>Ceramics International</i> , 2022, 48, 13938-13947.	4.8	11
15	The Effect of Cs/FA Ratio on the Long-Term Stability of Mixed Cation Perovskite Solar Cells. <i>Solar Rrl</i> , 2021, 5, 2100660.	5.8	10
16	Highly stretchable transparent bar coated Ag NW/PEDOT:PSS hybrid electrode for wearable and stretchable devices. <i>RSC Advances</i> , 2022, 12, 3055-3061.	3.6	10
17	Transparent Conducting Electrodes for Quantum Dots Light Emitting Diodes. <i>Israel Journal of Chemistry</i> , 2019, 59, 729-746.	2.3	8
18	Highly transparent and flexible Ag nanowire-embedded silk fibroin electrodes for biocompatible flexible and transparent heater. <i>RSC Advances</i> , 2020, 10, 31856-31862.	3.6	8

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19	Low-Temperature Deposited Highly Flexible In <sup>2+</sup> Zn <sup>2+</sup> V <sup>5+</sup> O Transparent Conductive Electrode for Perovskite Solar Cells. ACS Applied Energy Materials, 2022, 5, 234-248.	5.1	8
20	Tetrahedral amorphous carbon prepared filter cathodic vacuum arc for hole transport layers in perovskite solar cells and quantum dots LEDs. Science and Technology of Advanced Materials, 2019, 20, 1118-1130.	6.1	5
21	Electrical and Optical Properties of Amorphous Indium-Zinc-Tin Oxide Thin Films: Oxygen Flow Dependence. Journal of the Korean Physical Society, 2020, 76, 750-756.	0.7	3
22	Transparent and flexible passivation of MoS <sub>2</sub> /Ag nanowire with sputtered polytetrafluoroethylene film for high performance flexible heaters. Scientific Reports, 2022, 12, 6010.	3.3	1
23	The Effect of Cs/FA Ratio on the Long-Term Stability of Mixed Cation Perovskite Solar Cells. Solar Rrl, 2021, 5, .	5.8	0