

# Minwoo Nam

## List of Publications by Year in descending order

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16  
papers

474  
citations

840776

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940533

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Sequentially processed quaternary blends for high-performance indoor organic photovoltaic applications. <i>Chemical Engineering Journal</i> , 2022, 438, 135576.	12.7	10
2	Over 30% Efficient Indoor Organic Photovoltaics Enabled by Morphological Modification Using Two Compatible Non-Fullerene Acceptors. <i>Advanced Energy Materials</i> , 2022, 12, .	19.5	26
3	Nonfullerene Small Molecules Enabled High-Performance Organic Photovoltaics for Indoor Energy Harvesting. <i>Advanced Energy and Sustainability Research</i> , 2021, 2, 2100041.	5.8	6
4	Hierarchically Designed Light Trapping Films for All-Day Operating Semitransparent Photovoltaics. <i>Advanced Energy Materials</i> , 2020, 10, 2001450.	19.5	10
5	A Multi-Functional Highly Efficient Upconversion Luminescent Film with an Array of Dielectric Microbeads Decorated with Metal Nanoparticles. <i>Advanced Functional Materials</i> , 2020, 30, 1909445.	14.9	21
6	Semitransparent Energy-Storing Functional Photovoltaics Monolithically Integrated with Electrochromic Supercapacitors. <i>Advanced Functional Materials</i> , 2020, 30, 1909601.	14.9	51
7	Alternative sequential deposition for optimization-free multi-component organic bulk heterojunctions. <i>Nano Energy</i> , 2020, 74, 104883.	16.0	17
8	All-solution-processed Si films with broadband and omnidirectional light absorption. <i>Nanotechnology</i> , 2019, 30, 405202.	2.6	1
9	Ternary Organic Blend Approaches for High Photovoltaic Performance in Versatile Applications. <i>Advanced Energy Materials</i> , 2019, 9, 1901856.	19.5	57
10	Semi-transparent quaternary organic blends for advanced photovoltaic applications. <i>Nano Energy</i> , 2019, 58, 652-659.	16.0	37
11	Ternary blend organic solar cells with improved morphological stability. <i>Journal of Materials Chemistry A</i> , 2019, 7, 9698-9707.	10.3	37
12	All-Day Operating Quaternary Blend Organic Photovoltaics. <i>Advanced Functional Materials</i> , 2019, 29, 1900154.	14.9	41
13	Interfacial Modification Using Hydrogenated TiO <sub>2</sub> Electron-Selective Layers for High-Efficiency and Light-Soaking-Free Organic Solar Cells. <i>Advanced Energy Materials</i> , 2018, 8, 1703064.	19.5	23
14	Long-term efficient organic photovoltaics based on quaternary bulk heterojunctions. <i>Nature Communications</i> , 2017, 8, 14068.	12.8	71
15	Ordered Nanoscale Heterojunction Architecture for Enhanced Solution-Based CuInGaS <sub>2</sub> Thin Film Solar Cell Performance. <i>Advanced Energy Materials</i> , 2016, 6, 1601114.	19.5	11
16	Broadband and ultrahigh optical haze thin films with self-aggregated alumina nanowire bundles for photovoltaic applications. <i>Energy and Environmental Science</i> , 2015, 8, 2650-2656.	30.8	55