

# Jae Hyeon Ryu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10394211/publications.pdf>

Version: 2024-02-01

8  
papers

66  
citations

1937685

4  
h-index

2053705

5  
g-index

8  
all docs

8  
docs citations

8  
times ranked

103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photosensitive Full-Swing Multi-Layer MoS <sub>2</sub> Inverters With Light Shielding Layers. IEEE Electron Device Letters, 2017, 38, 67-70.	3.9	19
2	Threshold Voltage Control of Multilayered MoS <sub>2</sub> Field-Effect Transistors via Octadecyltrichlorosilane and their Applications to Active Matrixed Quantum Dot Displays Driven by Enhancement-Mode Logic Gates. Small, 2019, 15, e1803852.	10.0	16
3	Low-Frequency Noise Characteristics in Multilayer MoTe <sub>2</sub> FETs With Hydrophobic Amorphous Fluoropolymers. IEEE Electron Device Letters, 2019, 40, 251-254.	3.9	14
4	A new strategy for integrating semiconducting SWCNTs into pseudo-cubic In <sub>2</sub> O <sub>3</sub> heterostructures for solid-state symmetric supercapacitors with a superior stability and specific-capacitance. Journal of Materials Chemistry A, 2018, 6, 15253-15264.	10.3	13
5	Enhancement of Photodetective Properties on Multilayered MoS <sub>2</sub> Thin Film Transistors via Self-Assembled Poly-L-Lysine Treatment and Their Potential Application in Optical Sensors. Nanomaterials, 2021, 11, 1586.	4.1	2
6	Visible Light Illumination Effects on Instability of MoS <sub>2</sub> Thin Film Transistors for Optical Sensor Application. Physica Status Solidi (A) Applications and Materials Science, 0, , .	1.8	2
7	P <sup>32</sup> : Light Shielding Layers Enabled Full Swing Multi-Layer MoS <sub>2</sub> Inverters For the Application of Photodetectors. Digest of Technical Papers SID International Symposium, 2017, 48, 1346-1349.	0.3	0
8	Field-Effect Transistors: Threshold Voltage Control of Multilayered MoS <sub>2</sub> Field-Effect Transistors via Octadecyltrichlorosilane and their Applications to Active Matrixed Quantum Dot Displays Driven by Enhancement-Mode Logic Gates (Small 7/2019). Small, 2019, 15, 1970037.	10.0	0