

# Seo-Hyeon Jo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1952440/publications.pdf>

Version: 2024-02-01

10  
papers

1,312  
citations

1040056

9  
h-index

1372567

10  
g-index

10  
all docs

10  
docs citations

10  
times ranked

2198  
citing authors

#	ARTICLE	IF	CITATIONS
1	Highly Efficient Infrared Photodetection in a Gate-Controllable Van der Waals Heterojunction with Staggered Bandgap Alignment. <i>Advanced Science</i> , 2018, 5, 1700423.	11.2	66
2	Artificial optic-neural synapse for colored and color-mixed pattern recognition. <i>Nature Communications</i> , 2018, 9, 5106.	12.8	462
3	Stable and Reversible Triphenylphosphine-Based n-Type Doping Technique for Molybdenum Disulfide ( $\text{MoS}_2$ ). <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 32765-32772.	8.0	28
4	Electronic and Optoelectronic Devices based on Two-Dimensional Materials: From Fabrication to Application. <i>Advanced Electronic Materials</i> , 2017, 3, 1600364.	5.1	123
5	Light-Triggered Ternary Device and Inverter Based on Heterojunction of van der Waals Materials. <i>ACS Nano</i> , 2017, 11, 6319-6327.	14.6	78
6	Broad Detection Range Rhenium Diselenide Photodetector Enhanced by (3-Aminopropyl)Triethoxysilane and Triphenylphosphine Treatment. <i>Advanced Materials</i> , 2016, 28, 6711-6718.	21.0	72
7	Photodetectors: Broad Detection Range Rhenium Diselenide Photodetector Enhanced by (3-Aminopropyl)Triethoxysilane and Triphenylphosphine Treatment ( <i>Adv. Mater.</i> 31/2016). <i>Advanced Materials</i> , 2016, 28, 6518-6518.	21.0	1
8	Phosphorene/rhenium disulfide heterojunction-based negative differential resistance device for multi-valued logic. <i>Nature Communications</i> , 2016, 7, 13413.	12.8	332
9	A High-Performance $\text{WSe}_2$ /h-BN Photodetector using a Triphenylphosphine ( $\text{PPh}_3$ )-Based n-Doping Technique. <i>Advanced Materials</i> , 2016, 28, 4824-4831.	21.0	139
10	Controllable and air-stable graphene n-type doping on phosphosilicate glass for intrinsic graphene. <i>Organic Electronics</i> , 2015, 22, 117-121.	2.6	11