

# Ji Eun Kim

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2446372/publications.pdf>

Version: 2024-02-01

8  
papers

184  
citations

1307594  
7  
h-index

1588992  
8  
g-index

8  
all docs

8  
docs citations

8  
times ranked

322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Unveiling the Hot Carrier Distribution in Vertical Graphene/h-BN/Au van der Waals Heterostructures for High-Performance Photodetector. ACS Applied Materials & Interfaces, 2020, 12, 10772-10780.	8.0	44
2	Photoinduced Tuning of Schottky Barrier Height in Graphene/MoS <sub>2</sub> Heterojunction for Ultrahigh Performance Short Channel Phototransistor. ACS Nano, 2020, 14, 7574-7580.	14.6	42
3	Efficient photovoltaic effect in graphene/h-BN/silicon heterostructure self-powered photodetector. Nano Research, 2021, 14, 1967-1972.	10.4	39
4	Highly sensitive graphene biosensor by monomolecular self-assembly of receptors on graphene surface. Applied Physics Letters, 2017, 110, 203702.	3.3	18
5	Ideal PN photodiode using doping controlled WSe <sub>2</sub> –MoSe <sub>2</sub> lateral heterostructure. Journal of Materials Chemistry C, 2021, 9, 3504-3512.	5.5	16
6	Li Intercalation Effects on Interface Resistances of High-Speed and Low-Power WSe <sub>2</sub> Field-Effect Transistors. Advanced Functional Materials, 2020, 30, 2003688.	14.9	9
7	A Non-Volatile Memory Based on NbOx/NbSe <sub>2</sub> Van der Waals Heterostructures. Applied Sciences (Switzerland), 2020, 10, 7598.	2.5	8
8	Selective Pattern Growth of Atomically Thin MoSe <sub>2</sub> Films via a Surface-Mediated Liquid-Phase Promoter. ACS Applied Materials & Interfaces, 2021, 13, 18056-18064.	8.0	8