

# Pil Ju Ko

## List of Publications by Year in descending order

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16  
papers

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citations

1478505

6  
h-index

1125743

13  
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16  
docs citations

16  
times ranked

314  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-performance near-infrared photodetector based on nano-layered MoSe <sub>2</sub> . Semiconductor Science and Technology, 2017, 32, 065015.	2.0	46
2	Thickness dependence on the optoelectronic properties of multilayered GaSe based photodetector. Nanotechnology, 2016, 27, 325202.	2.6	34
3	Green synthesis of reduced graphene oxide/Fe <sub>3</sub> O <sub>4</sub> /Ag ternary nanohybrid and its application as magnetically recoverable catalyst in the reduction of 4-nitrophenol. Applied Organometallic Chemistry, 2017, 31, e3781.	3.5	27
4	Gate-tunable optoelectronic properties of a nano-layered GaSe photodetector. Optical Materials Express, 2017, 7, 587.	3.0	18
5	Tunable optoelectronic properties of a two-dimensional graphene/In <sub>2</sub> Se <sub>3</sub> /graphene-based ferroelectric semiconductor field-effect transistor. Journal of Materials Science: Materials in Electronics, 2021, 32, 20252-20258.	2.2	8
6	Effects of Rapid Thermal Treatment on Characteristics of Magnetron-Sputtered NiO Thin Films for Supercapacitor Applications. Journal of Nanoscience and Nanotechnology, 2018, 18, 6213-6219.	0.9	7
7	Photovoltaic Characteristics of GaSe/MoSe <sub>2</sub> Heterojunction Devices. Nanoscale Research Letters, 2021, 16, 171.	5.7	6
8	Thickness Dependence of Optoelectronic Properties of Molybdenum Diselenide-Based Nanodevices. Journal of Electronic Materials, 2019, 48, 7025-7030.	2.2	5
9	Black Phosphorus/Molybdenum Diselenide Heterojunction-Based Photodetector. Journal of Electronic Materials, 2021, 50, 5713-5720.	2.2	5
10	Rapid laser annealing of Cu(In,Ga)Se <sub>2</sub> thin films by using a continuous wave Nd:YAG laser ( $\lambda = 532$ nm). Journal of the Korean Physical Society, 2017, 70, 809-815.	0.7	3
11	Micro-Hall Sensors Based on Two-Dimensional Molybdenum Diselenide. Journal of Nanoscience and Nanotechnology, 2019, 19, 4330-4332.	0.9	3
12	Optoelectronic properties of two-dimensional molybdenum diselenide dual-gated MISFET-based photodetector. Optik, 2020, 224, 165427.	2.9	3
13	Cu(In,Ga)Se <sub>2</sub> thin films annealed using a continuous wave Nd:YAG laser ( $\lambda = 532$ nm): Effects of laser-annealing time. Journal of the Korean Physical Society, 2017, 71, 1038-1047.	0.7	2
14	Multifunctional WSe <sub>2</sub> /SnSe <sub>2</sub> /WSe <sub>2</sub> van der Waals heterostructures. Journal of Materials Science: Materials in Electronics, 0, , 1.	2.2	2
15	Dual-Gate Graphene/hBN/GaSe Metal-Insulator-Semiconductor Field-Effect Transistor (MISFET). Physica Status Solidi (A) Applications and Materials Science, 2022, 219, .	1.8	2
16	Deviations from stoichiometry and molecularity in non-stoichiometric Ag-In-Se thin films: Effects on the optical and the electrical properties. Journal of the Korean Physical Society, 2016, 69, 1817-1823.	0.7	1