

Youngjo Jin

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

981
citations

759233

12
h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

2349
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | A Van Der Waals Homojunction: Ideal p-n Diode Behavior in MoSe ₂ . <i>Advanced Materials</i> , 2015, 27, 5534-5540. | 21.0 | 196 |
| 2 | Charge Transport in MoS ₂ /WSe ₂ van der Waals Heterostructure with Tunable Inversion Layer. <i>ACS Nano</i> , 2017, 11, 3832-3840. | 14.6 | 175 |
| 3 | Heterogeneous Defect Domains in Single-Crystalline Hexagonal WS ₂ . <i>Advanced Materials</i> , 2017, 29, 1605043. | 21.0 | 135 |
| 4 | Oxidation Effect in Octahedral Hafnium Disulfide Thin Film. <i>ACS Nano</i> , 2016, 10, 1309-1316. | 14.6 | 97 |
| 5 | Optical Gain in MoS ₂ <i>via</i> Coupling with Nanostructured Substrate: Fabry-Perot Interference and Plasmonic Excitation. <i>ACS Nano</i> , 2016, 10, 8192-8198. | 14.6 | 69 |
| 6 | Chemically Modulated Band Gap in Bilayer Graphene Memory Transistors with High On/Off Ratio. <i>ACS Nano</i> , 2015, 9, 9034-9042. | 14.6 | 56 |
| 7 | Role of alkali metal promoter in enhancing lateral growth of monolayer transition metal dichalcogenides. <i>Nanotechnology</i> , 2017, 28, 36LT01. | 2.6 | 56 |
| 8 | Selective Amplification of the Primary Exciton in a MoS_2 Monolayer. <i>Physical Review Letters</i> , 2015, 115, 226801. | 7.8 | 54 |
| 9 | Efficient Exciton-Plasmon Conversion in Ag Nanowire/Monolayer MoS ₂ Hybrids: Direct Imaging and Quantitative Estimation of Plasmon Coupling and Propagation. <i>Advanced Optical Materials</i> , 2015, 3, 943-947. | 7.3 | 48 |
| 10 | Reconfigurable exciton-plasmon interconversion for nanophotonic circuits. <i>Nature Communications</i> , 2016, 7, 13663. | 12.8 | 48 |
| 11 | Multiple Magnetic Phases in Van Der Waals Mn-Doped SnS ₂ Semiconductor. <i>Advanced Functional Materials</i> , 2021, 31, 2102560. | 14.9 | 17 |
| 12 | Room-Temperature Mesoscopic Fluctuations and Coulomb Drag in Multilayer WSe ₂ . <i>Advanced Materials</i> , 2019, 31, e1900154. | 21.0 | 12 |
| 13 | Coulomb drag transistor using a graphene and MoS ₂ heterostructure. <i>Communications Physics</i> , 2020, 3, . | 5.3 | 11 |
| 14 | Enhanced magnetic moment with cobalt dopant in SnS ₂ semiconductor. <i>APL Materials</i> , 2021, 9, . | 5.1 | 7 |
| 15 | MoS ₂ monolayers for propagating plasmon emitter and detector in long range. , 2015, , . | | 0 |