

Kwesi Eshun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12003257/publications.pdf>

Version: 2024-02-01

8
papers

297
citations

1307594

7
h-index

1588992

8
g-index

8
all docs

8
docs citations

8
times ranked

528
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase transition, effective mass and carrier mobility of MoS2 monolayer under tensile strain. Applied Surface Science, 2015, 325, 27-32.	6.1	132
2	Strain-engineering the anisotropic electrical conductance in ReS2 monolayer. Applied Physics Letters, 2016, 108, .	3.3	53
3	A computational study of the electronic properties of one-dimensional armchair phosphorene nanotubes. Journal of Applied Physics, 2015, 118, .	2.5	45
4	Novel Two-Dimensional Mechano-Electric Generators and Sensors Based on Transition Metal Dichalcogenides. Scientific Reports, 2015, 5, 12854.	3.3	21
5	Study of interfacial strain at the $\hat{\Gamma}$ -Al2O3/monolayer MoS2 interface by first principle calculations. Applied Surface Science, 2018, 428, 593-597.	6.1	18
6	Doping induces large variation in the electrical properties of MoS2 monolayers. Solid-State Electronics, 2015, 106, 44-49.	1.4	17
7	Two-dimensional hybrid layered materials: strain engineering on the band structure of MoS2/WSe2hetero-multilayers. Nanotechnology, 2017, 28, 365202.	2.6	8
8	Dirac fermions induced in strained zigzag phosphorus nanotubes and their applications in field effect transistors. Physical Chemistry Chemical Physics, 2016, 18, 32521-32527.	2.8	3