

Songang Peng

List of Publications by Year in descending order

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papers

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1040056

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times ranked

164
citing authors

#	ARTICLE	IF	CITATIONS
1	Controllable p-type Conductance Transition in Top-Gated Graphene Field Effect Transistor by Interface Trap Engineering. <i>Advanced Electronic Materials</i> , 2020, 6, 2000496.	5.1	25
2	Emerging Internet of Things driven carbon nanotubes-based devices. <i>Nano Research</i> , 2022, 15, 4613-4637.	10.4	23
3	Evidence of electric field-tunable tunneling probability in graphene and metal contact. <i>Nanoscale</i> , 2017, 9, 9520-9528.	5.6	18
4	Metal-Contact-Induced Transition of Electrical Transport in Monolayer MoS ₂ : From Thermally Activated to Variable-Range Hopping. <i>Advanced Electronic Materials</i> , 2019, 5, 1900042.	5.1	14
5	Growth promotion of vertical graphene on SiO ₂ /Si by Ar plasma process in plasma-enhanced chemical vapor deposition. <i>RSC Advances</i> , 2018, 8, 18757-18761.	3.6	12
6	The Effect of Metal Contact Doping on the Scaled Graphene Field Effect Transistor. <i>Advanced Engineering Materials</i> , 2022, 24, 2100935.	3.5	12
7	Effects of carbon-based impurities on graphene growth. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 15419-15423.	2.8	11
8	Role of hydrogen and oxygen in the study of substrate surface impurities and defects in the chemical vapor deposition of graphene. <i>Carbon</i> , 2021, 185, 82-95.	10.3	10
9	Electric-Field Induced Doping Polarity Conversion in Top-Gated Transistor Based on Chemical Vapor Deposition of Graphene. <i>Crystals</i> , 2022, 12, 184.	2.2	10
10	A composite with a gradient distribution of graphene and its anisotropic electromagnetic reflection. <i>RSC Advances</i> , 2020, 10, 3314-3318.	3.6	3
11	Stable p-type chemical doping of graphene with reduced contact resistance by single-layer perfluorinated polymeric sulfonic acid. <i>Nanotechnology</i> , 2021, 32, 155705.	2.6	1