

Hans He

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

138
citations

1684188

5
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Uniform doping of graphene close to the Dirac point by polymer-assisted assembly of molecular dopants. <i>Nature Communications</i> , 2018, 9, 3956.	12.8	61
2	Towards quantum-limited coherent detection of terahertz waves in charge-neutral graphene. <i>Nature Astronomy</i> , 2019, 3, 983-988.	10.1	25
3	Polymer-encapsulated molecular doped epigraphene for quantum resistance metrology. <i>Metrologia</i> , 2019, 56, 045004.	1.2	17
4	Ambipolar charge transport in quasi-free-standing monolayer graphene on SiC obtained by gold intercalation. <i>Physical Review B</i> , 2020, 102, .	3.2	9
5	Probing variable range hopping lengths by magneto conductance in carbonized polymer nanofibers. <i>Scientific Reports</i> , 2018, 8, 4948.	3.3	7
6	Highly efficient UV detection in a metal-semiconductor-metal detector with epigraphene. <i>Applied Physics Letters</i> , 2022, 120, .	3.3	6
7	Chemical Sensing with Atomically Thin Platinum Templated by a 2D Insulator. <i>Advanced Materials Interfaces</i> , 2020, 7, 1902104.	3.7	5
8	The performance limits of epigraphene Hall sensors doped across the Dirac point. <i>Applied Physics Letters</i> , 2020, 116, .	3.3	5
9	Thermal Stability of Epitaxial Graphene Electrodes for Conductive Polymer Nanofiber Devices. <i>Crystals</i> , 2017, 7, 378.	2.2	2
10	Electron-phonon coupling of epigraphene at millikelvin temperatures measured by quantum transport thermometry. <i>Applied Physics Letters</i> , 2021, 118, 103102.	3.3	1