Yongjin Lee

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/102549/publications.pdf

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14 papers	739 citations	758635 12 h-index	1058022 14 g-index
14 all docs	14 docs citations	14 times ranked	1120 citing authors

#	Article	IF	Citations
1	Tunable Valley Splitting due to Topological Orbital Magnetic Moment in Bilayer Graphene Quantum Point Contacts. Physical Review Letters, 2020, 124, 126802.	2.9	46
2	The electronic thickness of graphene. Science Advances, 2020, 6, eaay8409.	4.7	35
3	Charge Detection in Gate-Defined Bilayer Graphene Quantum Dots. Nano Letters, 2019, 19, 5216-5221.	4.5	45
4	Gap Opening in Twisted Double Bilayer Graphene by Crystal Fields. Nano Letters, 2019, 19, 8821-8828.	4.5	39
5	Electrostatically Induced Quantum Point Contacts in Bilayer Graphene. Nano Letters, 2018, 18, 553-559.	4.5	83
6	Gate-tunable quantum dot in a high quality single layer MoS2 van der Waals heterostructure. Applied Physics Letters, 2018, 112, .	1.5	60
7	Interactions and Magnetotransport through Spin-Valley Coupled Landau Levels in Monolayer <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline"><mml:mrow><mml:msub><mml:mrow><mml:mi>MoS</mml:mi></mml:mrow><mml:mrow><mml:mn>2</mml:mn></mml:mrow></mml:msub></mml:mrow></mml:math>. Physical Review Letters, 2018, 121, 247701.	2.9	80
8	Transport Through a Network of Topological Channels in Twisted Bilayer Graphene. Nano Letters, 2018, 18, 6725-6730.	4.5	109
9	Gate-Defined Quantum Confinement in InSe-Based van der Waals Heterostructures. Nano Letters, 2018, 18, 3950-3955.	4.5	40
10	Spin and Valley States in Gate-Defined Bilayer Graphene Quantum Dots. Physical Review X, 2018, 8, .	2.8	83
11	Coupled Quantum Dots in Bilayer Graphene. Nano Letters, 2018, 18, 5042-5048.	4.5	64
12	Magnetotransport and lateral confinement in an InSe van der Waals Heterostructure. 2D Materials, 2018, 5, 035040.	2.0	7
13	Oscillating Magnetoresistance in Graphene pâ€“n Junctions at Intermediate Magnetic Fields. Nano Letters, 2017, 17, 2852-2857.	4.5	9
14	Gate-Defined One-Dimensional Channel and Broken Symmetry States in MoS₂ van der Waals Heterostructures. Nano Letters, 2017, 17, 5008-5011.	4.5	39