

# Yoshifumi Morita

## List of Publications by Year in descending order

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17  
papers

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citations

1040056

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940533

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17  
docs citations

17  
times ranked

358  
citing authors

#	ARTICLE	IF	CITATIONS
1	Observation of the quantum valley Hall state in ballistic graphene superlattices. <i>Science Advances</i> , 2018, 4, eaaq0194.	10.3	78
2	Bubble-Free Transfer Technique for High-Quality Graphene/Hexagonal Boron Nitride van der Waals Heterostructures. <i>ACS Applied Materials &amp; Interfaces</i> , 2020, 12, 8533-8538.	8.0	49
3	Topological valley currents in bilayer graphene/hexagonal boron nitride superlattices. <i>Applied Physics Letters</i> , 2019, 114, .	3.3	29
4	Field-induced confined states in graphene. <i>Applied Physics Letters</i> , 2014, 104, 053108.	3.3	19
5	Fabrication of quantum-dot devices in graphene. <i>Science and Technology of Advanced Materials</i> , 2010, 11, 054601.	6.1	15
6	Thermal and quantum phase slips in niobium-nitride nanowires based on suspended carbon nanotubes. <i>Applied Physics Letters</i> , 2016, 108, .	3.3	14
7	Fabry-Pérot resonances and a crossover to the quantum Hall regime in ballistic graphene quantum point contacts. <i>Scientific Reports</i> , 2019, 9, 3031.	3.3	11
8	High- $T_c$ cuprate superconductivity as a new paradigm. <i>Physica Status Solidi (B): Basic Research</i> , 2007, 244, 4371-4385.	1.5	10
9	Single-Carrier Transport in Graphene/hBN Superlattices. <i>Nano Letters</i> , 2020, 20, 2551-2557.	9.1	10
10	Effect of gap width on electron transport through quantum point contact in hBN/graphene/hBN in the quantum Hall regime. <i>Applied Physics Letters</i> , 2019, 114, 023101.	3.3	6
11	Room-temperature negative magnetoresistance of helium-ion-irradiated defective graphene in the strong Anderson localization regime. <i>Carbon</i> , 2021, 175, 87-92.	10.3	6
12	Electron transport tuning of graphene by helium ion irradiation. <i>Nano Express</i> , 2022, 3, 024002.	2.4	5
13	Manipulation of phase slips in carbon-nanotube-templated niobium-nitride superconducting nanowires under microwave radiation. <i>Scientific Reports</i> , 2020, 10, 14278.	3.3	4
14	Triplet Superconductivity in a Nutshell. <i>Journal of Superconductivity and Novel Magnetism</i> , 2009, 22, 71-74.	1.8	2
15	Fabrication of folded bilayer-bilayer graphene/hexagonal boron nitride superlattices. <i>Applied Physics Express</i> , 2020, 13, 035003.	2.4	2
16	Discrete quantum levels and Zeeman splitting in ultra-thin gold-nanowire quantum dots. <i>Journal of Applied Physics</i> , 2019, 126, 044303.	2.5	1
17	Localization to delocalization probed by magnetotransport of hBN/graphene/hBN stacks in the ultra-clean regime. <i>Scientific Reports</i> , 2021, 11, 18845.	3.3	1