

Momoko Onodera

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

378
citations

1307594

7
h-index

1281871

11
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12
all docs

12
docs citations

12
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Autonomous robotic searching and assembly of two-dimensional crystals to build van der Waals superlattices. Nature Communications, 2018, 9, 1413.	12.8	212
2	Dry release transfer of graphene and few-layer h-BN by utilizing thermoplasticity of polypropylene carbonate. Npj 2D Materials and Applications, 2019, 3, .	7.9	60
3	Assembly of van der Waals heterostructures: exfoliation, searching, and stacking of 2D materials. Japanese Journal of Applied Physics, 2020, 59, 010101.	1.5	41
4	Hexagonal Boron Nitride Synthesized at Atmospheric Pressure Using Metal Alloy Solvents: Evaluation as a Substrate for 2D Materials. Nano Letters, 2020, 20, 735-740.	9.1	16
5	Carbon-Rich Domain in Hexagonal Boron Nitride: Carrier Mobility Degradation and Anomalous Bending of the Landau Fan Diagram in Adjacent Graphene. Nano Letters, 2019, 19, 7282-7286.	9.1	15
6	Carbon annealed HPHT-hexagonal boron nitride: Exploring defect levels using 2D materials combined through van der Waals interface. Carbon, 2020, 167, 785-791.	10.3	10
7	Cyclotron Resonance Study of Monolayer Graphene under Double Moiré Potentials. Nano Letters, 2020, 20, 4566-4572.	9.1	9
8	Rhenium dinitride: Carrier transport in a novel transition metal dinitride layered crystal. APL Materials, 2019, 7, 101103.	5.1	7
9	Electrical Control of Cyclotron Resonance in Dual-Gated Trilayer Graphene. Nano Letters, 2019, 19, 8097-8102.	9.1	4
10	Mid-infrared Photodetection Using Cyclotron Resonance in Graphene/h-BN van der Waals Heterostructures. Sensors and Materials, 2019, 31, 2281.	0.5	3
11	Defect-assisted tunneling spectroscopy of electronic band structure in twisted bilayer graphene/hexagonal boron nitride moiré superlattices. Applied Physics Letters, 2022, 120, 203103.	3.3	1
12	Evaluation of polyvinyl chloride adhesion to 2D crystal flakes. Npj 2D Materials and Applications, 2022, 6, .	7.9	0