

Mina Maruyama

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

159
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

172
citing authors

#	ARTICLE	IF	CITATIONS
1	All carbon p-n border in bilayer graphene by the molecular orientation of intercalated corannulene. Journal of Applied Physics, 2022, 131, .	2.5	2
2	Wafer-Scale Growth of One-Dimensional Transition-Metal Telluride Nanowires. Nano Letters, 2021, 21, 243-249.	9.1	18
3	Carrier Redistribution in van der Waals Nanostructures Consisting of Bilayer Graphene and Buckybowl: Implications for Piezoelectric Devices. ACS Applied Nano Materials, 2021, 4, 3007-3012.	5.0	4
4	Photoluminescence from Single-Walled MoS ₂ Nanotubes Coaxially Grown on Boron Nitride Nanotubes. ACS Nano, 2021, 15, 8418-8426.	14.6	35
5	Versatile Post-Doping toward Two-Dimensional Semiconductors. ACS Nano, 2021, 15, 19225-19232.	14.6	14
6	Carrier Distribution Control in van der Waals Heterostructures of MoS_2 and WS_2	3.8	9
7	Microscopic Mechanism of Van der Waals Heteroepitaxy in the Formation of MoS ₂ /hBN Vertical Heterostructures. ACS Omega, 2020, 5, 31692-31699.	3.5	5
8	Pentadiamond: A Hard Carbon Allotrope of a Pentagonal Network of sp ² and sp ³ C Atoms. Physical Review Letters, 2020, 125, 016001.	7.8	25
9	Influence of Interlayer Stacking on Gate-Induced Carrier Accumulation in Bilayer MoS ₂ . ACS Applied Electronic Materials, 2020, 2, 1352-1357.	4.3	12
10	Geometric and electronic structures of a two-dimensional covalent network of sp ² and sp ³ carbon atoms. Diamond and Related Materials, 2018, 81, 103-107.	3.9	5
11	Interplay between the Kagome flat band and the Dirac cone in porous graphitic networks. Carbon, 2017, 125, 530-535.	10.3	23
12	Design of new carbon allotropes of fused small fullerenes. Physica Status Solidi C: Current Topics in Solid State Physics, 2013, 10, 1620-1623.	0.8	7