Mina Maruyama

List of Publications by Year
in descending order

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	Photoluminescence from Single-Walled MoS₂ Nanotubes Coaxially Grown on Boron Nitride Nanotubes. ACS Nano, 2021, 15, 8418-8426.	14.6	35
2	Pentadiamond: A Hard Carbon Allotrope of a Pentagonal Network of sp2 and sp3 C Atoms. Physical Review Letters, 2020, 125, 016001.	7.8	25
3	Interplay between the Kagome flat band and the Dirac cone in porous graphitic networks. Carbon, 2017, 125, 530-535.	10.3	23
4	Wafer-Scale Growth of One-Dimensional Transition-Metal Telluride Nanowires. Nano Letters, 2021, 21, 243-249.	9.1	18
5	Versatile Post-Doping toward Two-Dimensional Semiconductors. ACS Nano, 2021, 15, 19225-19232.	14.6	14
6	Influence of Interlayer Stacking on Gate-Induced Carrier Accumulation in Bilayer MoS₂. ACS Applied Electronic Materials, 2020, 2, 1352-1357.	4.3	12
7	Carrier Distribution Control in van der Waals Heterostructures of <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>Mo</mml:mi><mml:mi mathvariant="normal">S</mml:mi></mml:mrow><mml:mn>2</mml:mn></mml:msub></mml:math> and <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" display="inline" overflow="scroll"><mml:msub><mml:mi>WS</mml:mi><mml:mn>2</mml:mn></mml:msub></mml:math>	3.8	9
8	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
9	Geometric and electronic structures of a two-dimensional covalent network of sp2 and sp3 carbon atoms. Diamond and Related Materials, 2018, 81, 103-107.	3.9	5
10	Microscopic Mechanism of Van der Waals Heteroepitaxy in the Formation of MoS2/hBN Vertical Heterostructures. ACS Omega, 2020, 5, 31692-31699.	3.5	5
11	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
12	All carbon p-n border in bilayer graphene by the molecular orientation of intercalated corannulene. Journal of Applied Physics, 2022, 131, .	2.5	2