

Ramanarayan Hariharaputran

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

166
citations

1477746

6
h-index

1588620

8
g-index

10
all docs

10
docs citations

10
times ranked

348
citing authors

#	ARTICLE	IF	CITATIONS
1	Continuous Shape Tuning of Nanotetrapods: Toward Shape-Mediated Self-Assembly. Chemistry of Materials, 2016, 28, 1187-1195.	3.2	36
2	pH-Dependent Evolution of Five-Star Gold Nanostructures: An Experimental and Computational Study. ACS Nano, 2013, 7, 2258-2265.	7.3	33
3	Oxygen-Promoted Chemical Vapor Deposition of Graphene on Copper: A Combined Modeling and Experimental Study. ACS Nano, 2018, 12, 9372-9380.	7.3	30
4	Origin of ultrafast growth of monolayer WSe ₂ via chemical vapor deposition. Npj Computational Materials, 2019, 5, .	3.5	28
5	A kinetic Monte Carlo model for the growth and etching of graphene during chemical vapor deposition. Carbon, 2019, 146, 399-405.	5.4	20
6	An all-atom kinetic Monte Carlo model for chemical vapor deposition growth of graphene on Cu(111) substrate. Journal of Physics Condensed Matter, 2020, 32, 155401.	0.7	11
7	Unveiling the competitive role of etching in graphene growth during chemical vapor deposition. 2D Materials, 2019, 6, 015031.	2.0	6
8	Electroplating of Through Silicon Vias: A Kinetic Monte Carlo Model. , 2019, , .		1
9	2D approximant lattice model: A framework for the simulation of amorphous film deposition. Computational Materials Science, 2020, 184, 109847.	1.4	1
10	First-principles study of coadsorption of Cu ²⁺ and Cl ⁻ ions on the Cu (110) surface. RSC Advances, 2020, 10, 8212-8217.	1.7	0