

Anurag Kumar

List of Publications by Year in descending order

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17
papers

649
citations

759233

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888059

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docs citations

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times ranked

1311
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanostructuring Platinum Nanoparticles on Multilayered Graphene Petal Nanosheets for Electrochemical Biosensing. <i>Advanced Functional Materials</i> , 2012, 22, 3399-3405.	14.9	199
2	Rapid synthesis of few-layer graphene over Cu foil. <i>Carbon</i> , 2012, 50, 1546-1553.	10.3	72
3	Graphene: An effective oxidation barrier coating for liquid and two-phase cooling systems. <i>Corrosion Science</i> , 2013, 69, 5-10.	6.6	64
4	Contiguous Petal-like Carbon Nanosheet Outgrowths from Graphite Fibers by Plasma CVD. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 644-648.	8.0	58
5	Nitrogen-doped graphene by microwave plasma chemical vapor deposition. <i>Thin Solid Films</i> , 2013, 528, 269-273.	1.8	38
6	Synthesis of chemically bonded CNT-graphene heterostructure arrays. <i>RSC Advances</i> , 2012, 2, 8250.	3.6	37
7	Au nanoparticles on graphitic petal arrays for surface-enhanced Raman spectroscopy. <i>Applied Physics Letters</i> , 2010, 97, 133108.	3.3	33
8	Process optimization of graphene growth in a roll-to-roll plasma CVD system. <i>AIP Advances</i> , 2017, 7, .	1.3	33
9	Carbon nanowalls amplify the surface-enhanced Raman scattering from Ag nanoparticles. <i>Nanotechnology</i> , 2011, 22, 395704.	2.6	27
10	Carbon nanotube arrays decorated with multi-layer graphene-nanopetals enhance mechanical strength and durability. <i>Carbon</i> , 2015, 84, 236-245.	10.3	27
11	Room-temperature ferromagnetism in graphitic petal arrays. <i>Nanoscale</i> , 2011, 3, 900.	5.6	22
12	Effects of Graphene Nanopetal Outgrowths on Internal Thermal Interface Resistance in Composites. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 6678-6684.	8.0	20
13	Brazed Carbon Nanotube Arrays: Decoupling Thermal Conductance and Mechanical Rigidity. <i>Advanced Materials Interfaces</i> , 2017, 4, 1601042.	3.7	8
14	Optical properties of thin graphitic nanopetal arrays. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2015, 158, 84-90.	2.3	5
15	Thermal Radiative Properties of Vertical Graphitic Petal Arrays. , 2012, , .		1
16	Rapid colorimetric analysis of graphene on copper. <i>Corrosion Science</i> , 2018, 138, 319-325.	6.6	1
17	Role of Gold Pre-deposition Layer on the Growth of Magnesium Oxide Nanorods. <i>Japanese Journal of Applied Physics</i> , 2009, 48, 065001.	1.5	0