Dhaval D Kulkarni

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/10842079/publications.pdf

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13	1,961	758635 12	1058022 14
papers	citations	h-index	g-index

14	14	14	3603
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Graphene-polymer nanocomposites for structural and functional applications. Progress in Polymer Science, 2014, 39, 1934-1972.	11.8	922
2	Ultraâ€Robust Graphene Oxideâ€Silk Fibroin Nanocomposite Membranes. Advanced Materials, 2013, 25, 2301-2307.	11.1	261
3	Graphene Oxideâ^Polyelectrolyte Nanomembranes. ACS Nano, 2010, 4, 4667-4676.	7.3	257
4	Competitive Adsorption of Dopamine and Rhodamine 6G on the Surface of Graphene Oxide. ACS Applied Materials & Interfaces, 2014, 6, 2459-2470.	4.0	171
5	Writtenâ€in Conductive Patterns on Robust Graphene Oxide Biopaper by Electrochemical Microstamping. Angewandte Chemie - International Edition, 2013, 52, 13784-13788.	7.2	132
6	Chemical Reduction of Individual Graphene Oxide Sheets as Revealed by Electrostatic Force Microscopy. Journal of the American Chemical Society, 2014, 136, 6546-6549.	6.6	66
7	Star Polymer Unimicelles on Graphene Oxide Flakes. Langmuir, 2013, 29, 9761-9769.	1.6	30
8	Thermally Induced Transformations of Amorphous Carbon Nanostructures Fabricated by Electron Beam Induced Deposition. ACS Applied Materials & Interfaces, 2011, 3, 710-720.	4.0	27
9	Lightâ€Induced Plasmonâ€Assisted Phase Transformation of Carbon on Metal Nanoparticles. Advanced Functional Materials, 2012, 22, 2129-2139.	7.8	23
10	Programmable Arrays of â€œMicroâ€Bubbleâ€•Constructs via Selfâ€Encapsulation. Advanced Functional Materials, 2014, 24, 4364-4373.	7.8	17
11	Controlling the Physicochemical State of Carbon on Graphene Using Focused Electron-Beam-Induced Deposition. ACS Nano, 2014, 8, 6805-6813.	7.3	17
12	Activating â€œInvisibleâ€•Glue: Using Electron Beam for Enhancement of Interfacial Properties of Grapheneâ€“Metal Contact. ACS Nano, 2016, 10, 1042-1049.	7.3	12
13	Localized conductive patterning via focused electron beam reduction of graphene oxide. Applied Physics Letters, 2015, 106, .	1.5	11