

Varun Penmatsa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12100632/publications.pdf>

Version: 2024-02-01

11
papers

317
citations

1163117
8
h-index

1281871
11
g-index

11
all docs

11
docs citations

11
times ranked

452
citing authors

#	ARTICLE	IF	CITATIONS
1	Functionalized carbon microarrays platform for high sensitive detection of HIV-Tat peptide. RSC Advances, 2015, 5, 65042-65047.	3.6	5
2	Modeling and Simulation of Enzymatic Biofuel Cells with Three-Dimensional Microelectrodes. Energies, 2014, 7, 4694-4709.	3.1	20
3	Comparison of Different Oxidation Techniques for Biofunctionalization of Pyrolyzed Carbon. Material Science Research India, 2014, 11, 01-08.	0.7	8
4	Platelet-derived growth factor oncoprotein detection using three-dimensional carbon microarrays. Biosensors and Bioelectronics, 2013, 39, 118-123.	10.1	30
5	Fabrication of carbon nanostructures using photo-nanoimprint lithography and pyrolysis. Journal of Micromechanics and Microengineering, 2012, 22, 045024.	2.6	34
6	Highly sensitive detection of platelet-derived growth factor on a functionalized diamond surface using aptamer sandwich design. Analyst, The, 2012, 137, 1692.	3.5	47
7	Three-dimensional graphene nanosheet encrusted carbon micropillar arrays for electrochemical sensing. Nanoscale, 2012, 4, 3673.	5.6	52
8	Fabrication of porous carbon micropillars using a block copolymer as porogen. Carbon, 2010, 48, 4109-4115.	10.3	22
9	Integration of Carbon Nanotubes to C-MEMS for On-chip Supercapacitors. IEEE Nanotechnology Magazine, 2010, 9, 734-740.	2.0	65
10	Synthesis and characterization of N-rich single crystalline SiO _x N _y nanowires with three-dimensional branches. Applied Physics Letters, 2009, 94, 231903.	3.3	6
11	Direct amination on 3-dimensional pyrolyzed carbon micropattern surface for DNA detection. Materials Letters, 2009, 63, 2680-2683.	2.6	28