

Vasu Siddeswara Kalangi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7092058/publications.pdf>

Version: 2024-02-01

11
papers

747
citations

1040056

9
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

1711
citing authors

#	ARTICLE	IF	CITATIONS
1	Electrically controlled water permeation through graphene oxide membranes. <i>Nature</i> , 2018, 559, 236-240.	27.8	263
2	Femtosecond carrier dynamics and saturable absorption in graphene suspensions. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	182
3	Sensitive detection of C-reactive protein using optical fiber Bragg gratings. <i>Biosensors and Bioelectronics</i> , 2015, 65, 251-256.	10.1	76
4	3D scaffold alters cellular response to graphene in a polymer composite for orthopedic applications. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2016, 104, 732-749.	3.4	57
5	Yield stress, thixotropy and shear banding in a dilute aqueous suspension of few layer graphene oxide platelets. <i>Soft Matter</i> , 2013, 9, 5874.	2.7	47
6	Optical detection of glucose and glycated hemoglobin using etched fiber Bragg gratings coated with functionalized reduced graphene oxide. <i>Journal of Biophotonics</i> , 2016, 9, 760-769.	2.3	41
7	Reduced graphene oxide induced phase miscibility in polystyrene-poly(vinyl methyl ether) blends. <i>RSC Advances</i> , 2014, 4, 12376.	3.6	34
8	Interaction of single-walled carbon nanotubes with poly(propyl ether imine) dendrimers. <i>Journal of Chemical Physics</i> , 2011, 134, 104507.	3.0	20
9	Detection of sugar-lectin interactions by multivalent dendritic sugar functionalized single-walled carbon nanotubes. <i>Applied Physics Letters</i> , 2012, 101, 053701.	3.3	14
10	Opening of large band gaps in metallic carbon nanotubes by mannose-functionalized dendrimers: experiments and theory. <i>Journal of Materials Chemistry C</i> , 2018, 6, 6483-6488.	5.5	10
11	FEMTOSECOND PHOTOEXCITED CARRIER DYNAMICS IN REDUCED GRAPHENE OXIDE SUSPENSIONS AND FILMS. <i>International Journal of Nanoscience</i> , 2011, 10, 669-673.	0.7	3