

# Vasu Siddeswara Kalangi

## List of Publications by Year in descending order

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

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11  
papers

747  
citations

1040056

9  
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1281871

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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	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
3	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
4	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
5	Sensitive detection of C-reactive protein using optical fiber Bragg gratings. <i>Biosensors and Bioelectronics</i> , 2015, 65, 251-256.	10.1	76
6	Reduced graphene oxide induced phase miscibility in polystyrene-poly(vinyl methyl ether) blends. <i>RSC Advances</i> , 2014, 4, 12376.	3.6	34
7	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
8	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
9	Interaction of single-walled carbon nanotubes with poly(propyl ether imine) dendrimers. <i>Journal of Chemical Physics</i> , 2011, 134, 104507.	3.0	20
10	FEMTOSECOND PHOTOEXCITED CARRIER DYNAMICS IN REDUCED GRAPHENE OXIDE SUSPENSIONS AND FILMS. <i>International Journal of Nanoscience</i> , 2011, 10, 669-673.	0.7	3
11	Femtosecond carrier dynamics and saturable absorption in graphene suspensions. <i>Applied Physics Letters</i> , 2009, 95, .	3.3	182