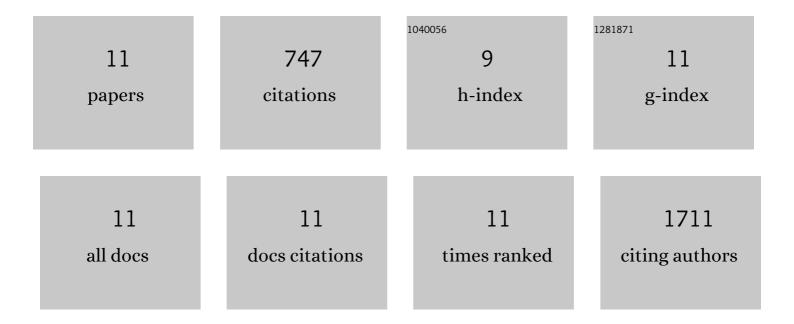
Vasu Siddeswara Kalangi

List of Publications by Year in descending order

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