

# Partha Khanra

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

15  
papers

3,642  
citations

14  
h-index

15  
g-index

15  
ext. papers

3,951  
ext. citations

8.8  
avg, IF

5.1  
L-index

#	Paper	IF	Citations
15	Chemical functionalization of graphene and its applications. <i>Progress in Materials Science</i> , <b>2012</b> , 57, 1061-1105	11.1	1351
14	Recent advances in graphene-based biosensors. <i>Biosensors and Bioelectronics</i> , <b>2011</b> , 26, 4637-48	11.8	1025
13	Recent advances in the efficient reduction of graphene oxide and its application as energy storage electrode materials. <i>Nanoscale</i> , <b>2013</b> , 5, 52-71	7.7	392
12	Preparation of functionalized graphene/linear low density polyethylene composites by a solution mixing method. <i>Carbon</i> , <b>2011</b> , 49, 1033-1037	10.4	282
11	Non-covalent functionalization of reduced graphene oxide using sulfanilic acid azocromotrop and its application as a supercapacitor electrode material. <i>Journal of Materials Chemistry A</i> , <b>2015</b> , 3, 7323-7331	1.3	103
10	Preparation of water-dispersible graphene by facile surface modification of graphite oxide. <i>Nanotechnology</i> , <b>2011</b> , 22, 305710	3.4	82
9	Bio-reduction of graphene oxide using drained water from soaked mung beans ( <i>Phaseolus aureus</i> L.) and its application as energy storage electrode material. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2014</b> , 186, 33-40	3.1	80
8	Covalent surface modification of chemically derived graphene and its application as supercapacitor electrode material. <i>Physical Chemistry Chemical Physics</i> , <b>2014</b> , 16, 7618-26	3.6	79
7	Facile method for the preparation of water dispersible graphene using sulfonated poly(ether-ether-ketone) and its application as energy storage materials. <i>Langmuir</i> , <b>2012</b> , 28, 9825-33	4	76
6	Effects of covalent surface modifications on the electrical and electrochemical properties of graphene using sodium 4-aminoazobenzene-4'-sulfonate. <i>Carbon</i> , <b>2013</b> , 54, 310-322	10.4	54
5	Preparation of sulfonated poly(ether-ether-ketone) functionalized ternary graphene/AuNPs/chitosan nanocomposite for efficient glucose biosensor. <i>Process Biochemistry</i> , <b>2013</b> , 48, 1724-1735	4.8	46
4	One-step electrochemical synthesis of 6-amino-4-hydroxy-2-naphthalene-sulfonic acid functionalized graphene for green energy storage electrode materials. <i>Nanotechnology</i> , <b>2013</b> , 24, 365706	3.4	30
3	Electrochemical performance of reduced graphene oxide surface-modified with 9-anthracene carboxylic acid. <i>RSC Advances</i> , <b>2015</b> , 5, 6443-6451	3.7	27
2	Efficient reduction of graphene oxide using Tin-powder and its electrochemical performances for use as an energy storage electrode material. <i>Journal of Materials Chemistry A</i> , <b>2013</b> , 1, 11320	13	15
1	Precursor-Dependent Formation of Iron Pyrite and its Application as Supercapacitor Electrode Material. <i>Journal of the Institution of Engineers (India): Series C</i> , 1	0.9	