

Inderpreet Kaur

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

507
citations

759233

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h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

774
citing authors

#	ARTICLE	IF	CITATIONS
1	Is it possible to differentiate between 2-phenylaminodihydro-1,3-thiazine from 2-phenyliminotetrahydro-1,3-thiazine by spectral methods? New glance to the old problem. European Journal of Chemistry, 2021, 12, 77-80.	0.6	1
2	Electrochemical detection of cortisol on graphene quantum dots modified electrodes using a rationally truncated high affinity aptamer. Applied Nanoscience (Switzerland), 2021, 11, 2577-2588.	3.1	13
3	Graphene nanoplatelet/graphitized nanodiamond-based nanocomposite for mediator-free electrochemical sensing of urea. Food Chemistry, 2020, 303, 125375.	8.2	49
4	Doped armchair germanene nanoribbon exhibiting negative differential resistance and analysing its nano-FET performance. Organic Electronics, 2018, 54, 261-269.	2.6	17
5	Modeling linearity and ambipolarity in GFETs on different dielectrics for communication applications. Journal of Materials Science: Materials in Electronics, 2018, 29, 2883-2889.	2.2	11
6	Electronic and transport behavior of doped armchair silicene nanoribbons exhibiting negative differential resistance and its FET performance. RSC Advances, 2017, 7, 12783-12792.	3.6	29
7	Simple and Mediator-Free Urea Sensing Based on Engineered Nanodiamonds with Polyaniline Nanofibers Synthesized in Situ. ACS Applied Materials & Interfaces, 2017, 9, 16813-16823.	8.0	40
8	A comparative and a systematic study on the effects of B, N doping and C-atom vacancies on the band gap in narrow zig-zag graphene nanoribbons via quantum transport calculations. Materials Research Bulletin, 2017, 87, 167-176.	5.2	25
9	Ultrasensitive cardiac troponin I antibody based nanohybrid sensor for rapid detection of human heart attack. International Journal of Biological Macromolecules, 2017, 95, 505-510.	7.5	62
10	Effect of annealing over optoelectronic properties of graphene based transparent electrodes. AIP Conference Proceedings, 2016, , .	0.4	0
11	Solution processed simple and scalable graphene patterning method for nanodevices application. Materials Research Express, 2016, 3, 125011.	1.6	2
12	Low temperature processed graphene thin film transparent electrodes for supercapacitor applications. RSC Advances, 2016, 6, 78702-78713.	3.6	24
13	Nanofibers synthesis of ND:PANI composite by liquid/liquid interfacial polymerization and study on the effect of NDs on growth mechanism of nanofibers. European Polymer Journal, 2016, 83, 1-9.	5.4	22
14	Graphene quantum dots FRET based sensor for early detection of heart attack in human. Biosensors and Bioelectronics, 2016, 79, 495-499.	10.1	110
15	Fabrication of ultrathin, free-standing, transparent and conductive graphene/multiwalled carbon nanotube film with superior optoelectronic properties. Thin Solid Films, 2015, 595, 193-199.	1.8	22
16	Amperometric sensing of urea using edge activated graphene nanoplatelets. RSC Advances, 2015, 5, 13278-13284.	3.6	46
17	Synthesis of Poly(ϵ -caprolactone) Microreactors from Freeze-Dried Microspheres. Polymer-Plastics Technology and Engineering, 2012, 51, 1275-1281.	1.9	5
18	Magnetic field-guided orientation of carbon nanotubes through their conjugation with magnetic nanoparticles. Journal of Materials Science, 2012, 47, 1489-1496.	3.7	18

#	ARTICLE	IF	CITATIONS
19	Nano Electronics: A New Era of Devices. Solid State Phenomena, 0, 222, 99-116.	0.3	10