Nitesh Malhotra

List of Publications by Citations

19 papers	314 citations	10 h-index	17 g-index
22 ext. papers	400 ext. citations	5.8 avg, IF	3.55 L-index

#	Paper	IF	Citations
19	Point of care with micro fluidic paper based device integrated with nano zeolite-graphene oxide nanoflakes for electrochemical sensing of ketamine. *Biosensors and Bioelectronics*, **2017**, 88, 249-257	11.8	66
18	Point of care detection of COVID-19: Advancement in biosensing and diagnostic methods. *Chemical Engineering Journal*, **2021**, 414, 128759	14.7	51
17	Electrochemical impediometric detection of anti-HIV drug taking gold nanorods as a sensing interface. *Biosensors and Bioelectronics*, **2015**, 66, 332-7	11.8	39
16	Impedimetric genosensor for ultratrace detection of hepatitis B virus DNA in patient samples assisted by zeolites and MWCNT nano-composites. *Biosensors and Bioelectronics*, **2016**, 86, 566-574	11.8	36
15	Hierarchical electrodeposition of methylene blue on ZnO nanocrystals thin films layered on SnO2/F electrode for in vitro sensing of anti-thalassemic drug. *Materials Science and Engineering C*, **2016**, 62, 596-604	8.3	17
14	Detection of alprazolam with a lab on paper economical device integrated with urchin like Ag@ Pd shell nano-hybrids. *Materials Science and Engineering C*, **2017**, 80, 728-735	8.3	16
13	An enzyme free Vitamin C augmented sensing with different ZnO morphologies on SnO2/F transparent glass electrode: A comparative study. *Materials Science and Engineering C*, **2016**, 69, 769-79	8.3	16
12	Graphene nanoflakes on transparent glass electrode sensor for electrochemical sensing of anti-diabetic drug. *Bioprocess and Biosystems Engineering*, **2017**, 40, 537-548	3.7	13
11	Evaluation of Freshness of Fishes Using MWCNT/TiO2 Nanobiocomposites Based Biosensor. *Food Analytical Methods*, **2017**, 10, 522-528	3.4	12
10	Monitoring analgesic drug using sensing method based on nanocomposite. *RSC Advances*, **2015**, 5, 2396-2404	3.7	10
9	Voltammetric detection of anti-HIV replication drug based on novel nanocomposite gold-nanoparticle-CaCO3 hybrid material. *Bioprocess and Biosystems Engineering*, **2015**, 38, 815-22	3.7	6
8	Development Of Lysine Biosensor Based On Core Shell Magnetic Nanoparticle And Multiwalled Carbon nanotube Composite. *Advanced Materials Letters*, **2015**, 6, 407-413	2.4	6
7	Impedimetric And Voltammetry Sensing Of Xanthine Using Nanocomposites. *Advanced Materials Letters*, **2016**, 7, 555-560	2.4	6
6	Point of Care with Micro Fluidic Paper Based Device Incorporated with Nanocrys of Zeolite □O for Electrochemical Sensing of Date Rape Drug. *Procedia Technology*, **2017**, 27, 91-93		4
5	Fabrication of TG Biosensor Based on Magnetic Nanoparticles/Zinc Oxide/Zinc Hexacyanoferrate Film: Novel Matrix for Electrochemical Sensing. *Advanced Science Letters*, **2014**, 20, 1331-1336	0.1	4
4	Solar tracking system using microcontroller **2014**,		3
3	Prussian blue nanocubes/carbon nanospheres heterostructure composite for biosensing of metformin. *International Journal of Nanomedicine*, **2018**, 13, 117-120	7.3	2

2	Nanocrystals of zeolite act as enhanced sensing interface for biosensing of leviteracetum. *Journal of Pharmaceutical Sciences*, **2015**, 104, 1153-9	3.9	1
1	Borderline microscopic organism and lockdown impacted across the borders-global shakers. *Environmental Science and Pollution Research*, **2021**, 1	5.1	