# Suveen Kumar

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6051423/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 30 papers | 1,599 citations | 430874 18 h-index | 501196 28 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 2045 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Nanostructured Mesoporous Carbon Based Electrochemical Biosensor for Efficient Detection of Swine Flu. Electroanalysis, 2022, 34, 43-55. | 2.9 | 13 |
| 2 | Multiwalled carbon nanotube nanofiller-polyindole polymer matrix-based efficient biosensor for the rapid detection of swine flu. New Journal of Chemistry, 2022, 46, 6201-6211. | 2.8 | 14 |
| 3 | Nanostructured zirconia@reduced graphene oxide based ultraefficient nanobiosensing platform for food toxin detection. Sensors & Diagnostics, 2022, 1, 550-557. | 3.8 | 11 |
| 4 | 2D transparent few-layered hydrogen substituted graphdiyne nano-interface for unprecedented ultralow ANXA2 cancer biomarker detection. Biosensors and Bioelectronics, 2022, 213, 114433. | 10.1 | 10 |
| 5 | High bio-recognizing aptamer designing and optimization against human herpes virus-5. European Journal of Pharmaceutical Sciences, 2021, 156, 105572. | 4.0 | 11 |
| 6 | Nanostructured graphitic carbon nitride based ultrasensing electrochemical biosensor for food toxin detection. Bioelectrochemistry, 2021, 139, 107738. | 4.6 | 36 |
| 7 | Ultrasensitive biosensing platform based on yttria doped zirconia-reduced graphene oxide nanocomposite for detection of salivary oral cancer biomarker. Bioelectrochemistry, 2021, 140, 107799. | 4.6 | 24 |
| 8 | Advanced electrochemical nanobiosensor for ultraefficient Annexin A2 biomarker detection: A rapid, label free and minimal invasive approach towards early diagnosis of liver cancer. Materials Letters, 2021, 305, 130856. | 2.6 | 5 |
| 9 | Monophasic molybdenum selenide-reduced graphene oxide nanocomposite sheets based immunosensing platform for ultrasensitive serotonin detection. Microchemical Journal, 2020, 159, 105344. | 4.5 | 23 |
| 10 | Nanostructured transition metal chalcogenide embedded on reduced graphene oxide based highly efficient biosensor for cardiovascular disease detection. Microchemical Journal, 2020, 155, 104697. | 4.5 | 40 |
| 11 | Biofunctionalized nanodot zirconia-based efficient biosensing platform for noninvasive oral cancer detection. MRS Communications, 2020, 10, 652-659. | 1.8 | 8 |
| 12 | Biofunctionalized Nanostructured Yttria Modified Non-Invasive Impedometric Biosensor for Efficient Detection of Oral Cancer. Nanomaterials, 2019, 9, 1190. | 4.1 | 26 |
| 13 | Protein functionalised self assembled monolayer based biosensor for colon cancer detection. Talanta, 2019, 201, 465-473. | 5.5 | 37 |
| 14 | Electrochemical paper based cancer biosensor using iron oxide nanoparticles decorated PEDOT:PSS. Analytica Chimica Acta, 2019, 1056, 135-145. | 5.4 | 98 |
| 15 | Effect of Brownian motion on reduced agglomeration of nanostructured metal oxide towards development of efficient cancer biosensor. Biosensors and Bioelectronics, 2018, 102, 247-255. | 10.1 | 61 |
| 16 | Microfluidics Based Pointâ€ofâ€Care Diagnostics. Biotechnology Journal, 2018, 13, 1700047. | 3.5 | 193 |
| 17 | Electrochemical Immunosensors. , 2018, , 359-414. | | 40 |
| 18 | Protein functionalized nanostructured zirconia based electrochemical immunosensor for cardiac troponin I detection. Journal of Materials Research, 2017, 32, 2966-2972. | 2.6 | 30 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Development of a paper-based electrochemical immunosensor using an antibody-single walled carbon nanotubes bio-conjugate modified electrode for label-free detection of foodborne pathogens. Sensors and Actuators B: Chemical, 2017, 253, 115-123. | 7.8 | 173 |
| 20 | Excellent storage stability and sensitive detection of neurotoxin quinolinic acid. Biosensors and Bioelectronics, 2017, 90, 224-229. | 10.1 | 15 |
| 21 | Aptamers Based Biosensors for Disease Detection. Current Trends in Biomedical Engineering & Biosciences, 2017, 3, . | 0.2 | 2 |
| 22 | Conducting paper based sensor for cancer biomarker detection. Journal of Physics: Conference Series, 2016, 704, 012010. | 0.4 | 19 |
| 23 | Polyaniline modified flexible conducting paper for cancer detection. Applied Physics Letters, 2016, 108, . | 3.3 | 23 |
| 24 | Highly sensitive protein functionalized nanostructured hafnium oxide based biosensing platform for non-invasive oral cancer detection. Sensors and Actuators B: Chemical, 2016, 235, 1-10. | 7.8 | 84 |
| 25 | A biocompatible serine functionalized nanostructured zirconia based biosensing platform for non-invasive oral cancer detection. RSC Advances, 2016, 6, 77037-77046. | 3.6 | 36 |
| 26 | Nanostructured zirconia decorated reduced graphene oxide based efficient biosensing platform for non-invasive oral cancer detection. Biosensors and Bioelectronics, 2016, 78, 497-504. | 10.1 | 166 |
| 27 | Biofunctionalized Nanostructured Zirconia for Biomedical Application: A Smart Approach for Oral Cancer Detection. Advanced Science, 2015, 2, 1500048. | 11.2 | 111 |
| 28 | Reduced graphene oxide modified smart conducting paper for cancer biosensor. Biosensors and Bioelectronics, 2015, 73, 114-122. | 10.1 | 138 |
| 29 | Microfluidicâ€integrated biosensors: Prospects for pointâ€ofâ€care diagnostics. Biotechnology Journal, 2013, 8, 1267-1279. | 3.5 | 147 |
| 30 | Hierarchical structure of molybdenum disulfide-reduced graphene oxide nanocomposite for the development of a highly efficient serotonin biosensing platform. New Journal of Chemistry, 0, , . | 2.8 | 5 |