

Manki Son

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10463881/publications.pdf>

Version: 2024-02-01

12
papers

504
citations

759233

12
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

558
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | A portable and multiplexed bioelectronic sensor using human olfactory and taste receptors. <i>Biosensors and Bioelectronics</i> , 2017, 87, 901-907. | 10.1 | 87 |
| 2 | Real-time monitoring of geosmin and 2-methylisoborneol, representative odor compounds in water pollution using bioelectronic nose with human-like performance. <i>Biosensors and Bioelectronics</i> , 2015, 88, 199-206. | 10.1 | 80 |
| 3 | Bioelectronic Nose Using Odorant Binding Protein-Derived Peptide and Carbon Nanotube Field-Effect Transistor for the Assessment of <i>Salmonella</i> Contamination in Food. <i>Analytical Chemistry</i> , 2016, 88, 11283-11287. | 6.5 | 61 |
| 4 | Implantable Nanosensors for Human Steroid Hormone Sensing In Vivo Using a Self-templating Corona Phase Molecular Recognition. <i>Advanced Healthcare Materials</i> , 2020, 9, e2000429. | 7.6 | 45 |
| 5 | Bioelectronic Nose: An Emerging Tool for Odor Standardization. <i>Trends in Biotechnology</i> , 2017, 35, 301-307. | 9.3 | 43 |
| 6 | The bioelectronic nose and tongue using olfactory and taste receptors: Analytical tools for food quality and safety assessment. <i>Biotechnology Advances</i> , 2018, 36, 371-379. | 11.7 | 43 |
| 7 | Detection of aquaporin-4 antibody using aquaporin-4 extracellular loop-based carbon nanotube biosensor for the diagnosis of neuromyelitis optica. <i>Biosensors and Bioelectronics</i> , 2016, 78, 87-91. | 10.1 | 33 |
| 8 | Screening of target-specific olfactory receptor and development of olfactory biosensor for the assessment of fungal contamination in grain. <i>Sensors and Actuators B: Chemical</i> , 2015, 210, 9-16. | 7.8 | 31 |
| 9 | A wavelength-induced frequency filtering method for fluorescent nanosensors in vivo. <i>Nature Nanotechnology</i> , 2022, 17, 643-652. | 31.5 | 27 |
| 10 | A triangle study of human, instrument and bioelectronic nose for non-destructive sensing of seafood freshness. <i>Scientific Reports</i> , 2018, 8, 547. | 3.3 | 21 |
| 11 | DNA-SWCNT Biosensors Allow Real-Time Monitoring of Therapeutic Responses in Pancreatic Ductal Adenocarcinoma. <i>Cancer Research</i> , 2019, 79, 4515-4523. | 0.9 | 17 |
| 12 | Cellular lensing and near infrared fluorescent nanosensor arrays to enable chemical efflux cytometry. <i>Nature Communications</i> , 2021, 12, 3079. | 12.8 | 16 |