

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 wavelength-induced frequency filtering method for fluorescent nanosensors in vivo. <i>Nature Nanotechnology</i> , 2022, 17, 643-652.	31.5	27
2	Cellular lensing and near infrared fluorescent nanosensor arrays to enable chemical efflux cytometry. <i>Nature Communications</i> , 2021, 12, 3079.	12.8	16
3	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
4	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
5	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
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	Bioelectronic Nose: An Emerging Tool for Odor Standardization. <i>Trends in Biotechnology</i> , 2017, 35, 301-307.	9.3	43
8	A portable and multiplexed bioelectronic sensor using human olfactory and taste receptors. <i>Biosensors and Bioelectronics</i> , 2017, 87, 901-907.	10.1	87
9	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
10	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
11	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
12	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, 74, 199-206.	10.1	80