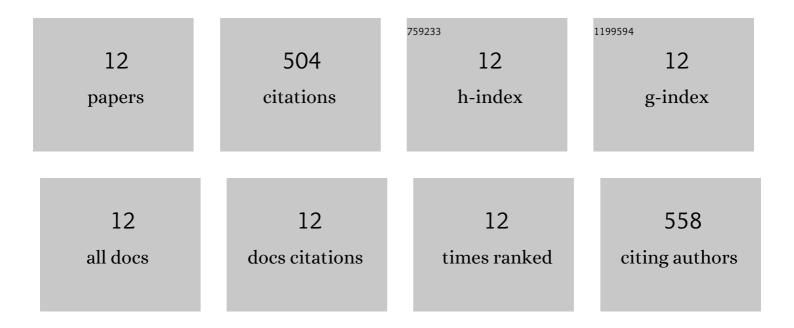
Manki Son

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10463881/publications.pdf Version: 2024-02-01



MANKI SON

#	Article	IF	CITATIONS
1	A wavelength-induced frequency filtering method for fluorescent nanosensors in vivo. Nature Nanotechnology, 2022, 17, 643-652.	31.5	27
2	Cellular lensing and near infrared fluorescent nanosensor arrays to enable chemical efflux cytometry. Nature Communications, 2021, 12, 3079.	12.8	16
3	Implantable Nanosensors for Human Steroid Hormone Sensing In Vivo Using a Selfâ€Templating Corona Phase Molecular Recognition. Advanced Healthcare Materials, 2020, 9, e2000429.	7.6	45
4	DNA–SWCNT Biosensors Allow Real-Time Monitoring of Therapeutic Responses in Pancreatic Ductal Adenocarcinoma. Cancer Research, 2019, 79, 4515-4523.	0.9	17
5	A triangle study of human, instrument and bioelectronic nose for non-destructive sensing of seafood freshness. Scientific Reports, 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. Biotechnology Advances, 2018, 36, 371-379.	11.7	43
7	Bioelectronic Nose: An Emerging Tool for Odor Standardization. Trends in Biotechnology, 2017, 35, 301-307.	9.3	43
8	A portable and multiplexed bioelectronic sensor using human olfactory and taste receptors. Biosensors and Bioelectronics, 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. Analytical Chemistry, 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. Biosensors and Bioelectronics, 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. Sensors and Actuators B: Chemical, 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. Biosensors and Bioelectronics, 2015, 74, 199-206.	10.1	80