Hao Dong

List of Publications by Year
in descending order

18 papers	241 citations	1040056 9 h-index	996975 15 g-index
18 all docs	18 docs citations	18 times ranked	168 citing authors

#	Article	IF	Citations
1	A high-resolution, ultrabroad-range and sensitive capacitive tactile sensor based on a CNT/PDMS composite for robotic hands. Nanoscale, 2021, 13, 18780-18788.	5.6	33
2	MOF-based nanoscale Pt catalyst decorated SnO2 porous nanofibers for acetone gas detection. Journal of Alloys and Compounds, 2022, 893, 162322.	5.5	30
3	Artificially Intelligent Olfaction for Fast and Noninvasive Diagnosis of Bladder Cancer from Urine. ACS Sensors, 2022, 7, 1720-1731.	7.8	26
4	Sensitive detection of dopamine using a platinum microelectrode modified by reduced graphene oxide and gold nanoparticles. Journal of Electroanalytical Chemistry, 2019, 848, 113244.	3.8	25
5	Shapeâ€Engineerable Silk Fibroin Papers for Ideal Substrate Alternatives of Plastic Electronics. Advanced Functional Materials, 2021, 31, 2104088.	14.9	18
6	Simultaneous on-line monitoring of propofol and sevoflurane in balanced anesthesia by direct resistive heating gas chromatography. Journal of Chromatography A, 2017, 1506, 93-100.	3.7	17
7	Association of Smoking with Metabolic Volatile Organic Compounds in Exhaled Breath. International Journal of Molecular Sciences, 2017, 18, 2235.	4.1	16
8	Exploring ternary organic photovoltaics for the reduced nonradiative recombination and improved efficiency over 17.23% with a simple large-bandgap small molecular third component. Nano Research, 2022, 15, 3222-3229.	10.4	14
9	Artificial Intelligent Olfactory System for the Diagnosis of Parkinsonâ€™s Disease. ACS Omega, 2022, 7, 4001-4010.	3.5	11
10	High-performance acetone sensor based on electrospun Tb-doped Î±-Fe2O3 nanotubes. Ceramics International, 2022, 48, 26828-26835.	4.8	10
11	A Non-invasive Monitoring of Propofol Concentration in Blood by a Virtual Surface Acoustic Wave Sensor Array. Analytical Sciences, 2017, 33, 1271-1277.	1.6	8
12	Electrostatic Jet Engineering of Flexible Composite Pressure Sensors for Physical Applications. ACS Applied Polymer Materials, 2022, 4, 868-878.	4.4	8
13	Smartphone-Based Platforms for Clinical Detections in Lung-Cancer-Related Exhaled Breath Biomarkers: A Review. Biosensors, 2022, 12, 223.	4.7	8
14	Online Accurate Detection of Breath Acetone Using Metal Oxide Semiconductor Gas Sensor and Diffusive Gas Separation. Frontiers in Bioengineering and Biotechnology, 2022, 10, 861950.	4.1	7
15	Evaluating Propofol Concentration in Blood From Exhaled Gas Using a Breathing-Related Partition Coefficient. Anesthesia and Analgesia, 2020, 130, 958-966.	2.2	6
16	Shapeâ€Engineerable Silk Fibroin Papers for Ideal Substrate Alternatives of Plastic Electronics (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	14.9	3
17	Sniffing sevoflurane and propofol in exhalation from patients during balanced anesthesia. , 2017, , .		1
18	Precursor-Based ZnO Nano Inks for Printed Electronics**Research supported by a Zhejiang Provincial Natural Science Foundation of China (No. LQ21F010003 to H.D), a China Postdoctoral Science Foundation (No. 2020M681952 to H.D) and Youth Science Fund Project of Zhejiang Lab (No.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 52	0	