

Hao Dong

List of Publications by Year in descending order

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18
papers

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1040056

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docs citations

18
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	MOF-based nanoscale Pt catalyst decorated SnO ₂ porous nanofibers for acetone gas detection. Journal of Alloys and Compounds, 2022, 893, 162322.	5.5	30
2	Artificial Intelligent Olfactory System for the Diagnosis of Parkinson's Disease. ACS Omega, 2022, 7, 4001-4010.	3.5	11
3	Electrostatic Jet Engineering of Flexible Composite Pressure Sensors for Physical Applications. ACS Applied Polymer Materials, 2022, 4, 868-878.	4.4	8
4	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
5	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
6	Smartphone-Based Platforms for Clinical Detections in Lung-Cancer-Related Exhaled Breath Biomarkers: A Review. Biosensors, 2022, 12, 223.	4.7	8
7	Artificially Intelligent Olfaction for Fast and Noninvasive Diagnosis of Bladder Cancer from Urine. ACS Sensors, 2022, 7, 1720-1731.	7.8	26
8	High-performance acetone sensor based on electrospun Tb-doped Zn-Fe ₂ O ₃ nanotubes. Ceramics International, 2022, 48, 26828-26835.	4.8	10
9	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 ETQq1 1 0.784314 rgBT /Overlock 1		
10	Shape-Engineerable Silk Fibroin Papers for Ideal Substrate Alternatives of Plastic Electronics. Advanced Functional Materials, 2021, 31, 2104088.	14.9	18
11	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
12	Shape-Engineerable Silk Fibroin Papers for Ideal Substrate Alternatives of Plastic Electronics (Adv.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	14.9	18
13	Evaluating Propofol Concentration in Blood From Exhaled Gas Using a Breathing-Related Partition Coefficient. Anesthesia and Analgesia, 2020, 130, 958-966.	2.2	6
14	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
15	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
16	Sniffing sevoflurane and propofol in exhalation from patients during balanced anesthesia. , 2017, , .		1
17	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
18	Association of Smoking with Metabolic Volatile Organic Compounds in Exhaled Breath. International Journal of Molecular Sciences, 2017, 18, 2235.	4.1	16