Kaowen Zhou

List of Publications by Year
in descending order

15 papers	251 citations	1162367 8 h-index	996533 15 g-index
17 all docs	17 docs citations	17 times ranked	184 citing authors

#	ARTICLE	IF	CITATIONS
1	On-line monitoring of formaldehyde in air by cataluminescence-based gas sensor. Sensors and Actuators B: Chemical, 2006, 119, 392-397.	4.0	116
2	A novel gas sensor of formaldehyde and ammonia based on cross sensitivity of cataluminescence on nano-Ti 3 SnLa 2 O 11. Sensors and Actuators B: Chemical, 2016, 223, 921-926.	4.0	24
3	Simultaneous determination of benzene and formaldehyde in air by cross cataluminescence on nano-3TiO2â€"2BiVO4. Sensors and Actuators B: Chemical, 2014, 202, 721-726.	4.0	20
4	Simultaneous determination of formaldehyde and hydrogen sulfide in air using the cataluminescence of nanosized Zn3SnLa2O8. Mikrochimica Acta, 2016, 183, 1063-1068.	2.5	16
5	Simultaneous determination of trimethylamine, formaldehyde and benzene via the cataluminescence of In3LaTi2O10 nanoparticles. Mikrochimica Acta, 2017, 184, 2047-2053.	2.5	13
6	Pt-activated Ce4La6O17 nanocomposites for formaldehyde and carbon monoxide sensor at low operating temperature. Journal of Alloys and Compounds, 2019, 787, 173-179.	2.8	13
7	Identification and determination of formaldehyde, benzene and ammonia in air based on cross sensitivity of cataluminescence on single catalyst. Sensors and Actuators B: Chemical, 2017, 246, 703-709.	4.0	11
8	A new cataluminescence-based gas sensor for simultaneously discriminating benzene and ammonia. Analytical Methods, 2016, 8, 1257-1264.	1.3	10
9	Determination of Progestin Residues in Fish by UPLC-Q-TOF/MS Coupled with QuEChERS. Journal of Analytical Methods in Chemistry, 2019, 2019, 1-6.	0.7	7
10	Optimization of Working Conditions by Response Surface Methodology of Sulfur Dioxide Gas Sensors Based on Au/CoOâ€"La 2 WO 6 Nanoparticles. ChemistrySelect, 2020, 5, 11145-11151.	0.7	5
11	Sensitive Carbon Monoxide Gas Sensor Based on Chemiluminescence on Nano-Au/Nd2O3â€"Ca3Nd2O6: Working Condition Optimization by Response Surface Methodology. ACS Omega, 2020, 5, 20034-20041.	1.6	5
12	Determination of formaldehyde using a novel Pt-doped nano-sized sensitive material: Operating conditions optimization by response surface method. Analytica Chimica Acta, 2020, 1132, 47-54.	2.6	4
13	Novel Diethyl Ether Gas Sensor Based on Cataluminescence on Nano-Pd/ZnNi$_3$Al$_2$O$_7$. ACS Omega, 2021, 6, 17576-17583.	1.6	3
14	High-performance hydrogen sulfide gas sensor based on Pd/Fe2O3â€"Zr4MnO10: working conditions optimization by response surface methodology. Journal of the Iranian Chemical Society, 2020, 17, 3401-3410.	1.2	2
15	A Novel BTEX Gas Sensor Utilizing Cataluminescence on Nanosized Bi4MnO8. , 2011, , .		1