Michel Gerboles

List of Publications by Year
in descending order

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14 papers	1,314 citations	840776 11 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	1582 citing authors

#	Article	IF	Citations
1	Modified Target Diagram to check compliance of low-cost sensors with the Data Quality Objectives of the European air quality directive. Atmospheric Environment, 2022, 273, 118967.	4.1	6
2	Toward a Unified Terminology of Processing Levels for Low-Cost Air-Quality Sensors. Environmental Science & Technology, 2019, 53, 8485-8487.	10.0	24
3	Review of the Performance of Low-Cost Sensors for Air Quality Monitoring. Atmosphere, 2019, 10, 506.	2.3	227
4	Highly sensitive benzene detection with metal oxide semiconductor gas sensors â€“ an inter-laboratory comparison. Journal of Sensors and Sensor Systems, 2018, 7, 235-243.	0.9	17
5	Field calibration of a cluster of low-cost commercially available sensors for air quality monitoring. Part B: NO, CO and CO2. Sensors and Actuators B: Chemical, 2017, 238, 706-715.	7.8	241
6	Performance Evaluation of Low-Cost BTEX Sensors and Devices within the EURAMET Key-VOCs Project. Proceedings (mdpi), 2017, 1, .	0.2	7
7	Review of Portable and Low-Cost Sensors for the Ambient Air Monitoring of Benzene and Other Volatile Organic Compounds. Sensors, 2017, 17, 1520.	3.8	287
8	Next Generation Air Quality Platform: Openness and Interoperability for the Internet of Things. Sensors, 2016, 16, 403.	3.8	48
9	Performance Evaluation of Amperometric Sensors for the Monitoring of O 3 and NO 2 in Ambient Air at ppb Level. Procedia Engineering, 2015, 120, 480-483.	1.2	44
10	Field calibration of a cluster of low-cost available sensors for air quality monitoring. Part A: Ozone and nitrogen dioxide. Sensors and Actuators B: Chemical, 2015, 215, 249-257.	7.8	302
11	Evaluation of a portable nephelometer against the Tapered Element Oscillating Microbalance method for monitoring PM2.5. Journal of Environmental Monitoring, 2012, 14, 2145.	2.1	11
12	Assessment of uncertainty of benzene measurements by Radiello diffusive sampler. Atmospheric Environment, 2008, 42, 2555-2568.	4.1	37
13	Modification of the Palmes diffusion tube and semi-empirical modelling of the uptake rate for monitoring nitrogen dioxide. Atmospheric Environment, 2005, 39, 2579-2592.	4.1	16
14	Assessment of uncertainty of NO2 measurements by the chemiluminescence method and discussion of the quality objective of the NO2 European Directive. Journal of Environmental Monitoring, 2003, 5, 529.	2.1	47