Marta Padilla

List of Publications by Year
in descending order

12	186	1307594	1372567
papers	citations	7	10
		h-index	g-index
12	12	12	296
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Modular Point-of-Care Breath Analyzer and Shape Taxonomy-Based Machine Learning for Gastric Cancer Detection. Diagnostics, 2022, 12, 491.	2.6	8
2	Overview on VOGAS: an instrument combining two gas sensing techniques for disease diagnosis. , 2022, , .		1
3	Sensing gastric cancer via pointâ€ofâ€care sensor breath analyzer. Cancer, 2021, 127, 1286-1292.	4.1	15
4	Modular Breath Analyzer (MBA): Introduction of a Breath Analyzer Platform Based on an Innovative and Unique, Modular eNose Concept for Breath Diagnostics and Utilization of Calibration Transfer Methods in Breath Analysis Studies. Molecules, 2021, 26, 3776.	3.8	4
5	Class Decomposition for Gastric Cancer Detection from Breath. , 2021, , .		0
6	An eNose-based method performing drift correction for online VOC detection under dry and humid conditions. Analytical Methods, 2020, 12, 4724-4733.	2.7	16
7	An Innovative Modular eNose System Based on a Unique Combination of Analog and Digital Metal Oxide Sensors. ACS Sensors, 2019, 4, 2277-2281.	7.8	22
8	Multi-unit calibration rejects inherent device variability of chemical sensor arrays. Sensors and Actuators B: Chemical, 2018, 265, 142-154.	7.8	26
9	A Novel Modular eNose System Based on Commercial MOX Sensors to Detect Low Concentrations of VOCs for Breath Gas Analysis. Proceedings (mdpi), 2018, 2, .	0.2	7
10	Muscle uncoupling protein 3 overexpression mimics endurance training and reduces circulating biomarkers of incomplete Î²â€oxidation. FASEB Journal, 2013, 27, 4213-4225.	0.5	43
11	Estimators of the local false discovery rate designed for small numbers of tests. Statistical Applications in Genetics and Molecular Biology, 2012, 11, 4.	0.6	15
12	Discontinuously Operated Metal Oxide Gas Sensors for Flexible Tag Microlab Applications. IEEE Sensors Journal, 2008, 8, 176-181.	4.7	29