

# Jean-Baptiste Sanchez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3977251/publications.pdf>

Version: 2024-02-01

25  
papers

595  
citations

687363

13  
h-index

713466

21  
g-index

25  
all docs

25  
docs citations

25  
times ranked

888  
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification of an efficient adsorbent for ethanol sensing at room temperature using quartz crystal microbalance. <i>Microporous and Mesoporous Materials</i> , 2022, 336, 111869.	4.4	0
2	Dealuminated Zeolite Y/SnO <sub>2</sub> Nanoparticle Hybrid Sensors for Detecting Trace Levels of Propanol as a Lung Cancer Biomarker. <i>ACS Applied Nano Materials</i> , 2022, 5, 9170-9178.	5.0	4
3	Novel Porous Carbon Material for the Detection of Traces of Volatile Organic Compounds in Indoor Air. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 40088-40097.	8.0	10
4	Nanostructured tin oxide materials for the sub-ppm detection of indoor formaldehyde pollution. <i>Talanta</i> , 2020, 208, 120396.	5.5	9
5	Forcespun metal oxide ultrafine tubes for hazardous gas monitoring. <i>Materials Today: Proceedings</i> , 2020, 27, 3124-3131.	1.8	1
6	Reactive co-sputtering of tungsten oxide thin films by glancing angle deposition for gas sensors. <i>Materials Today: Proceedings</i> , 2019, 6, 314-318.	1.8	9
7	Exploiting the dodecane and ozone sensing capabilities of nanostructured tungsten oxide films. <i>Sensors and Actuators B: Chemical</i> , 2018, 266, 773-783.	7.8	21
8	Detection and quantification of lung cancer biomarkers by a micro-analytical device using a single metal oxide-based gas sensor. <i>Sensors and Actuators B: Chemical</i> , 2018, 255, 391-400.	7.8	63
9	Characterization of materials toward toluene traces detection for air quality monitoring and lung cancer diagnosis. <i>Materials Chemistry and Physics</i> , 2017, 192, 374-382.	4.0	33
10	Terpyridine-based metallopolymer thin films as active layer in ammonia sensor device. <i>Synthetic Metals</i> , 2016, 221, 214-219.	3.9	15
11	Improvement of ozone detection with GLAD WO <sub>3</sub> films. <i>Materials Letters</i> , 2015, 155, 1-3.	2.6	30
12	Detection of Lung Cancer Bio-markers in Human Breath Using a Micro-fabricated Air Analyzer. <i>Materials Today: Proceedings</i> , 2015, 2, 4664-4670.	1.8	2
13	Development of a micro-analytical prototype for selective trace detection of orthonitrotoluene. <i>Microchemical Journal</i> , 2014, 114, 48-52.	4.5	20
14	Chromatographic Air Analyzer Microsystem for the Selective and Sensitive Detection of Explosive-related Compounds. <i>Procedia Engineering</i> , 2014, 87, 516-519.	1.2	0
15	Selection and characterization of adsorbents for the analysis of an explosive-related molecule traces in the air. <i>Sensors and Actuators B: Chemical</i> , 2013, 176, 124-131.	7.8	11
16	Elaboration of ammonia gas sensors based on electrodeposited polypyrrole-Cobalt phthalocyanine hybrid films. <i>Talanta</i> , 2013, 117, 45-54.	5.5	37
17	Ammonia gas sensors based on polypyrrole films: Influence of electrodeposition parameters. <i>Sensors and Actuators B: Chemical</i> , 2012, 171-172, 431-439.	7.8	68
18	6.4.4 Development of a gas micro-preconcentrator for the analysis of explosive traces: study and characterization of various adsorbing materials. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
19	Chromatographic air analyser microsystem for the selective and sensitive detection of atmospheric pollutants. <i>Journal of Physics: Conference Series</i> , 2011, 307, 012053.	0.4	0
20	Silicon-Micromachined Gas Chromatographic Columns for the Development of Portable Detection Device. <i>Journal of Sensors</i> , 2010, 2010, 1-8.	1.1	14
21	Detection of hydrogen fluoride using SnO <sub>2</sub> -based gas sensors: Understanding of the reactional mechanism. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 152-157.	7.8	32
22	Ammonia gas sensor based on electrosynthesized polypyrrole films. <i>Talanta</i> , 2009, 78, 199-206.	5.5	142
23	Towards a hybrid micro-device allowing the selective detection of hydrogen fluoride vapours in a complex mixture. <i>Talanta</i> , 2009, 80, 385-389.	5.5	6
24	Development of a gas detection micro-device for hydrogen fluoride vapours. <i>Sensors and Actuators B: Chemical</i> , 2006, 113, 1017-1024.	7.8	20
25	A selective gas detection micro-device for monitoring the volatile organic compounds pollution. <i>Sensors and Actuators B: Chemical</i> , 2006, 119, 227-233.	7.8	48