Martine Lumbreras

List of Publications by Year
in descending order

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24 papers	476 citations	840776 11 h-index	794594 19 g-index
24 all docs	24 docs citations	24 times ranked	641 citing authors

#	Article	IF	Citations
1	Detection of H2S, SO2, and NO2 using electrostatic sprayed tungsten oxide films. Materials Science in Semiconductor Processing, 2010, 13, 1-8.	4.0	39
2	Electrosprayed Metal Oxide Semiconductor Films for Sensitive and Selective Detection of Hydrogen Sulfide. Sensors, 2009, 9, 9122-9132.	3.8	27
3	Detection of pollutant gases using electrostatic sprayed indium oxide and tin-doped indium oxide. Materials Chemistry and Physics, 2009, 114, 933-938.	4.0	12
4	Electrostatic sprayed SnO2 and Cu-doped SnO2 films for H2S detection. Sensors and Actuators B: Chemical, 2008, 133, 694-698.	7.8	86
5	Porous indium oxide thin films deposited by electrostatic spray deposition technique. Ceramics International, 2008, 34, 95-100.	4.8	25
6	Tungsten trioxide thin films prepared by electrostatic spray deposition technique. Thin Solid Films, 2007, 515, 5498-5504.	1.8	21
7	Electrostatic spray deposited zinc oxide films for gas sensor applications. Applied Surface Science, 2007, 253, 7483-7489.	6.1	124
8	Discrimination and identification of a refrigerant gas in a humidity controlled atmosphere containing or not carbon dioxide: application to the electronic nose. Sensors and Actuators B: Chemical, 2004, 98, 46-53.	7.8	19
9	Qualitative and quantitative identification of H2S/NO2 gaseous components in different reference atmospheres using a metal oxide sensor array. Sensors and Actuators B: Chemical, 2004, 103, 403-408.	7.8	34
10	The Status of Women in Physics in France. AIP Conference Proceedings, 2002, , .	0.4	1
11	An electronic nose using time reduced modelling parameters for a reliable discrimination of Forane 134a. Sensors and Actuators B: Chemical, 2001, 77, 517-524.	7.8	7
12	An electronic nose for the discrimination of forane 134a and carbon dioxide in a humidity controlled atmosphere. Sensors and Actuators B: Chemical, 2001, 78, 49-56.	7.8	9
13	Discrimination of Forane 134a and carbon dioxide concentrations in an air conditioned atmosphere with an electronic nose: influence of the relative humidity. Sensors and Actuators B: Chemical, 2001, 80, 59-67.	7.8	6
14	Discrimination of a refrigerant gas in a humidity controlled atmosphere by using modelling parameters. Sensors and Actuators B: Chemical, 2000, 62, 226-232.	7.8	14
15	An electronic nose for the identification of Forane R134a in an air conditioned atmosphere. Sensors and Actuators B: Chemical, 2000, 69, 243-247.	7.8	12
16	Humidity dependence of a TGS gas sensor array in an air-conditioned atmosphere. Sensors and Actuators B: Chemical, 1999, 59, 255-259.	7.8	14
17	Discrimination of carbon dioxide and forane R134a using Figaro-type sensors TGS 832. Sensors and Actuators B: Chemical, 1999, 57, 142-146.	7.8	2
18	Gas composition determination in an air conditioned system using a sensor array: characterization of three different TGS sensors. Sensors and Actuators B: Chemical, 1999, 59, 94-99.	7.8	5

#	Article	IF	Citations
19	<title>Automated characterization of weld defects detected by ultrasonic nondestructive testing</title>. , 1999, , .		1
20	<title>Relative humidity: an interfering parameter for the characterization of a TGS sensor array</title>. , 1999, , .		1
21	<title>Detection of two gases in air-conditioned system with an array of TGS sensors</title>. , 1999, , .		1
22	Evaluation of a commercially available fluorocarbon gas sensor for monitoring air pollutants. Sensors and Actuators B: Chemical, 1998, 47, 113-117.	7.8	8
23	<title>Humidity effects on a commercially available refrigerant gas sensor (TGS 832)</title>. , 1998, 3539, 172.		7
24	<title>Air-conditioning study by data analysis using dynamic and steady-state responses of TGS sensors</title>. , 1998, , .		1