

Hanns-Erik Endres

List of Publications by Year in descending order

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28
papers

638
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687363

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688
citing authors

#	ARTICLE	IF	CITATIONS
1	Passivated Impedimetric Sensors for Immobilization-Free Pathogen Detection by Isothermal Amplification and Melt Curve Analysis. <i>Biosensors</i> , 2022, 12, 261.	4.7	1
2	Towards Low Cost and Low Temperature Capacitive CO2 Sensors Based on Amine Functionalized Silica Nanoparticles. <i>Nanomaterials</i> , 2019, 9, 1097.	4.1	11
3	Method to Study Water Diffusion into Polymers. <i>Proceedings (mdpi)</i> , 2018, 2, 812.	0.2	1
4	Polyimide-Based Capacitive Humidity Sensor. <i>Sensors</i> , 2018, 18, 1516.	3.8	90
5	Capacitive CO2 Sensor. <i>Proceedings (mdpi)</i> , 2017, 1, 472.	0.2	8
6	Simple Cost Effective and Network Compatible Readout for Capacitive and Resistive (Chemical) Sensors. <i>Procedia Engineering</i> , 2014, 87, 1234-1238.	1.2	3
7	“Sensor-filter” Intelligent micro filter system in foil technology. <i>Sensors and Actuators A: Physical</i> , 2013, 202, 197-203.	4.1	1
8	“Sensor-Filter” Intelligent Micro Filter System in Foil Technology. <i>Procedia Engineering</i> , 2012, 47, 212-215.	1.2	1
9	6.2.2 Flexible sensors for an indoor air quality sensor system. , 2012, , .		1
10	Sensing of CO2 at room temperature using work function readout of (hetero-)polysiloxanes sensing layers. <i>Sensors and Actuators B: Chemical</i> , 2011, 154, 206-212.	7.8	21
11	Detection of CO2 with (Hetero-) Polysiloxanes sensing layers by the change of work function at room temperature. <i>Procedia Chemistry</i> , 2009, 1, 646-649.	0.7	8
12	A capacitive CO2 sensor system with suppression of the humidity interference. <i>Sensors and Actuators B: Chemical</i> , 1999, 57, 83-87.	7.8	67
13	Directly heated quartz crystal microbalance with an integrated dielectric sensor. <i>Sensors and Actuators A: Physical</i> , 1998, 68, 399-403.	4.1	3
14	Signal Evaluation of Gas Sensors with Artificial Neural Nets. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1997, 30, 363-368.	0.4	1
15	Drift Reduction of Gas Sensors by Temperature Modulation and Signal-Processing. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 1997, 30, 369-373.	0.4	1
16	Electrically removable, micromachined encapsulation for sensitive materials. <i>Sensors and Actuators A: Physical</i> , 1997, 62, 633-635.	4.1	2
17	A new SO2 sensor system with SAW and IDC elements. <i>Sensors and Actuators B: Chemical</i> , 1996, 34, 339-342.	7.8	18
18	Drift reduction of organic coated gas-sensors by temperature modulation. <i>Sensors and Actuators B: Chemical</i> , 1996, 36, 358-362.	7.8	50

#	ARTICLE	IF	CITATIONS
19	A thin-film SnO ₂ sensor system for simultaneous detection of CO and NO ₂ with neural signal evaluation. <i>Sensors and Actuators B: Chemical</i> , 1996, 36, 353-357.	7.8	49
20	Improvement in signal evaluation methods for semiconductor gas sensors. <i>Sensors and Actuators B: Chemical</i> , 1995, 27, 267-270.	7.8	13
21	A systematic investigation on the use of time-dependent sensor signals in signal-processing techniques. <i>Sensors and Actuators B: Chemical</i> , 1995, 25, 785-789.	7.8	20
22	A test system for gas sensors. <i>Sensors and Actuators B: Chemical</i> , 1995, 23, 163-172.	7.8	73
23	Impedance spectroscopy on dielectric gas sensors. <i>Sensors and Actuators B: Chemical</i> , 1994, 22, 7-11.	7.8	31
24	131. Grundbauelemente und Systemtechniken für die chemische Sensorik. <i>Chemie-Ingenieur-Technik</i> , 1993, 65, 1131-1132.	0.8	0
25	Controlled selectivity of polysiloxane coatings: Their use in capacitance sensors. <i>Sensors and Actuators A: Physical</i> , 1992, 32, 326-332.	4.1	20
26	A gas sensor system with dielectric and mass sensors. <i>Sensors and Actuators B: Chemical</i> , 1992, 6, 285-288.	7.8	15
27	Optimization of the geometry of gas-sensitive interdigital capacitors. <i>Sensors and Actuators B: Chemical</i> , 1991, 4, 95-98.	7.8	102
28	Spectroscopy of excited states in ²¹² Po, ²¹⁰ Pb, and ²¹³ At employing ¹⁸ O induced few-nucleon transfer reactions. <i>Zeitschrift für Physik A</i> , 1981, 302, 51-59.	1.4	26