

Humidity Sensors Principle, Mechanism, and Fabrication Review

Sensors

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Citation Report

#	ARTICLE	IF	CITATIONS
1	SOI CMOS humidity sensor based on MWCNTs/MMA composite films. On the necessary verification of fabrication stages. , 2015, , .		0
2	Effect of different electrodes on the transport properties of ZnO nanofibers under humid environment. AIP Advances, 2015, 5, .	0.6	13
3	CMOS integration of inkjet-printed graphene for humidity sensing. Scientific Reports, 2015, 5, 17374.	1.6	124
4	Design issues for wireless sensor networks and smart humidity sensors for precision agriculture: A review. , 2015, , .		25
5	Ellipsometric Porosimetry and Electrochemical Impedance Spectroscopy Characterization for Moisture Permeation Barrier Layers. Plasma Processes and Polymers, 2015, 12, 968-979.	1.6	21
6	A Surface Micromachined CMOS MEMS Humidity Sensor. Micromachines, 2015, 6, 1569-1576.	1.4	16
7	Study of the role of porosity on the functional properties of (Ba,Sr)TiO ₃ ceramics. Journal of Alloys and Compounds, 2015, 643, 79-87.	2.8	42
8	Humidity sensor based on optical fiber attached with hydrogel spheres. Optics and Laser Technology, 2015, 74, 16-19.	2.2	28
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11	Co ²⁺ /Ca Phosphonate Showing Humidity-Sensitive Single Crystal to Single Crystal Structural Transformation and Tunable Proton Conduction Properties. Chemistry of Materials, 2015, 27, 8116-8125.	3.2	137
12	Colorimetric Humidity and Solvent Recognition Based on a Cation-Exchange Clay Mineral Incorporating Nickel(II) Chelate Complexes. Langmuir, 2015, 31, 13048-13053.	1.6	15
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15	Analysis of Nanoporosity in Moisture Permeation Barrier Layers by Electrochemical Impedance Spectroscopy. ACS Applied Materials & Interfaces, 2015, 7, 15968-15977.	4.0	26
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17	Highly Sensitive and Fast Response Colorimetric Humidity Sensors Based on Graphene Oxides Film. ACS Applied Materials & Interfaces, 2015, 7, 19882-19886.	4.0	96
18	Effects of humidity on the interaction between a fused silica test mass and an electrostatic drive. Physics Letters, Section A: General, Atomic and Solid State Physics, 2015, 379, 2535-2540.	0.9	1

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56	Liquid exfoliated pristine WS ₂ nanosheets for ultrasensitive and highly stable chemiresistive humidity sensors. Nanotechnology, 2016, 27, 475503.	1.3	100
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