

Xuan Zhao

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

315
citations

933447

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1125743

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docs citations

13
times ranked

489
citing authors

#	ARTICLE	IF	CITATIONS
1	High-sensitive humidity sensor based on graphene oxide with evenly dispersed multiwalled carbon nanotubes. <i>Materials Chemistry and Physics</i> , 2018, 207, 135-140.	4.0	65
2	Ultra-High Sensitivity Humidity Sensor Based on MoS ₂ /Ag Composite Films. <i>IEEE Electron Device Letters</i> , 2017, 38, 806-809.	3.9	53
3	Ultrahigh humidity sensitivity of graphene oxide combined with Ag nanoparticles. <i>RSC Advances</i> , 2017, 7, 45988-45996.	3.6	49
4	Fast-Response MoS ₂ -Based Humidity Sensor Braced by SiO ₂ Microsphere Layers. <i>IEEE Electron Device Letters</i> , 2018, 39, 115-118.	3.9	25
5	Ultrahighly Sensitive QCM Humidity Sensor Based on Nafion/MoS ₂ Hybrid Thin Film. <i>IEEE Transactions on Electron Devices</i> , 2022, 69, 1321-1326.	3.0	23
6	A High-Sensitive Humidity Sensor Based on Water-Soluble Composite Material of Fullerene and Graphene Oxide. <i>IEEE Sensors Journal</i> , 2018, 18, 962-966.	4.7	22
7	A High-Stability Quartz Crystal Resonator Humidity Sensor Based on Tuning Capacitor. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018, 67, 715-721.	4.7	20
8	High Sensitivity Humidity Sensor and Its Application in Nondestructive Testing for Wet Paper. <i>Sensors and Actuators B: Chemical</i> , 2019, 301, 127048.	7.8	16
9	A QCM humidity sensors based on GO/Nafion composite films with enhanced sensitivity. <i>IEEE Sensors Journal</i> , 2016, , 1-1.	4.7	13
10	Humidity-Sensitive Properties of TiO ₂ Nanorods Grown Between Electrodes on Au Interdigital Electrode Substrate. <i>IEEE Sensors Journal</i> , 2017, 17, 6148-6152.	4.7	11
11	Flexible Wearable Humidity Sensor Based on Nanodiamond With Fast Response. <i>IEEE Transactions on Electron Devices</i> , 2019, 66, 1911-1916.	3.0	10
12	Humidity Sensitivity Enhancement Effects of Metal Nanoparticles Loaded Fullerene. <i>Sensors and Actuators B: Chemical</i> , 2021, 329, 129086.	7.8	5
13	Humidity Sensing Properties and Negative Differential Resistance Effects of TiO ₂ Nanowires. <i>IEEE Sensors Journal</i> , 2021, 21, 18477-18482.	4.7	3