Xuan Zhao

List of Publications by Year
in descending order

13	315	933447 10	1125743 13
papers	citations	h-index	g-index

13	13	13	489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ultrahighly Sensitive QCM Humidity Sensor Based on Nafion/MoS₂ Hybrid Thin Film. IEEE Transactions on Electron Devices, 2022, 69, 1321-1326.	3.0	23
2	Humidity Sensitivity Enhancement Effects of Metal Nanoparticles Loaded Fullerene. Sensors and Actuators B: Chemical, 2021, 329, 129086.	7.8	5
3	Humidity Sensing Properties and Negative Differential Resistance Effects of TiO₂ Nanowires. IEEE Sensors Journal, 2021, 21, 18477-18482.	4.7	3
4	High Sensitivity Humidity Sensor and Its Application in Nondestructive Testing for Wet Paper. Sensors and Actuators B: Chemical, 2019, 301, 127048.	7.8	16
5	Flexible Wearable Humidity Sensor Based on Nanodiamond With Fast Response. IEEE Transactions on Electron Devices, 2019, 66, 1911-1916.	3.0	10
6	A High-Sensitive Humidity Sensor Based on Water-Soluble Composite Material of Fullerene and Graphene Oxide. IEEE Sensors Journal, 2018, 18, 962-966.	4.7	22
7	High-sensitive humidity sensor based on graphene oxide with evenly dispersed multiwalled carbon nanotubes. Materials Chemistry and Physics, 2018, 207, 135-140.	4.0	65
8	A High-Stability Quartz Crystal Resonator Humidity Sensor Based on Tuning Capacitor. IEEE Transactions on Instrumentation and Measurement, 2018, 67, 715-721.	4.7	20
9	Fast-Response MoS₂-Based Humidity Sensor Braced by SiO₂ Microsphere Layers. IEEE Electron Device Letters, 2018, 39, 115-118.	3.9	25
10	Ultra-High Sensitivity Humidity Sensor Based on MoS₂/Ag Composite Films. IEEE Electron Device Letters, 2017, 38, 806-809.	3.9	53
11	Ultrahigh humidity sensitivity of graphene oxide combined with Ag nanoparticles. RSC Advances, 2017, 7, 45988-45996.	3.6	49
12	Humidity-Sensitive Properties of TiO₂ Nanorods Grown Between Electrodes on Au Interdigital Electrode Substrate. IEEE Sensors Journal, 2017, 17, 6148-6152.	4.7	11
13	A QCM humidity sensors based on GO/Nafion composite films with enhanced sensitivity. IEEE Sensors Journal, 2016, , 1-1.	4.7	13