

Jongmin Shin

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

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citations

1163117
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9
docs citations

9
times ranked

618
citing authors

#	ARTICLE	IF	CITATIONS
1	Humidity-Sensitive Field Effect Transistor with In ₂ O ₃ Nanoparticles as a Sensing Layer. Journal of Nanoscience and Nanotechnology, 2019, 19, 6656-6662.	0.9	12
2	An accurate and stable humidity sensing characteristic of Si FET-type humidity sensor with MoS ₂ as a sensing layer by pulse measurement. Sensors and Actuators B: Chemical, 2018, 258, 574-579.	7.8	17
3	Observation of physisorption in a high-performance FET-type oxygen gas sensor operating at room temperature. Nanoscale, 2018, 10, 18019-18027.	5.6	41
4	Effect of a pre-bias on the adsorption and desorption of oxidizing gases in FET-type sensor. Sensors and Actuators B: Chemical, 2017, 245, 122-128.	7.8	15
5	Gas-Sensing Characteristics of Exfoliated WSe ₂ Field-Effect Transistors. Journal of Nanoscience and Nanotechnology, 2017, 17, 3151-3154.	0.9	33
6	Pulse Biasing Scheme for the Fast Recovery of FET-Type Gas Sensors for Reducing Gases. IEEE Electron Device Letters, 2017, 38, 971-974.	3.9	10
7	Highly improved response and recovery characteristics of Si FET-type gas sensor using pre-bias. , 2016, , .		9
8	Highly selective ZnO gas sensor based on MOSFET having a horizontal floating-gate. Sensors and Actuators B: Chemical, 2016, 232, 653-659.	7.8	68
9	Water-Soluble Thin Film Transistors and Circuits Based on Amorphous Indium-Gallium-Zinc Oxide. ACS Applied Materials & Interfaces, 2015, 7, 8268-8274.	8.0	113