

Jianzhong Xiao

List of Publications by Year in descending order

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543
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567281

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444
citing authors

#	ARTICLE	IF	CITATIONS
1	LaNbO ₄ as an electrode material for mixed-potential CO gas sensors. <i>Sensors and Actuators B: Chemical</i> , 2022, 352, 130981.	7.8	14
2	Potentiometric Sensor Based on Chromium Vanadate Sensing Electrode for High Temperature Ammonia Detection. <i>Journal of the Electrochemical Society</i> , 2021, 168, 047510.	2.9	3
3	High sensitivity and fast response sensor based on sputtering Au tuned ZnFe ₂ O ₄ -SE for low concentration NH ₃ detection. <i>Materials Chemistry and Physics</i> , 2020, 239, 122302.	4.0	18
4	Potentiometric ammonia sensor with InVO ₄ sensing electrode. <i>Sensors and Actuators B: Chemical</i> , 2020, 316, 128140.	7.8	18
5	A potentiometric sensor based on SmMn ₂ O ₅ sensing electrode for methane detection. <i>Materials Chemistry and Physics</i> , 2020, 245, 122679.	4.0	14
6	Effect of Au-Modification of CeVO ₄ Sensing Electrode on NH ₃ Sensing Properties for Potentiometric Sensor. <i>Journal of the Electrochemical Society</i> , 2020, 167, 027540.	2.9	5
7	CO Response Characteristics of NiFe ₂ O ₄ Sensing Material at Elevated Temperature. <i>Journal of the Electrochemical Society</i> , 2019, 166, B956-B960.	2.9	14
8	Effects of WO ₃ electrode microstructure on NO ₂ -sensing properties for a potentiometric sensor. <i>Royal Society Open Science</i> , 2019, 6, 190526.	2.4	1
9	Effects of CeVO ₄ electrode morphology and oxygen content on ammonia sensing properties for potentiometric sensor. <i>Sensors and Actuators B: Chemical</i> , 2019, 299, 126863.	7.8	30
10	High NH ₃ selectivity of NiFe ₂ O ₄ sensing electrode for potentiometric sensor at elevated temperature. <i>Analytica Chimica Acta</i> , 2019, 1089, 165-173.	5.4	35
11	Superior sensitive NiFe ₂ O ₄ electrode for mixed-potential NO ₂ sensor. <i>Ceramics International</i> , 2019, 45, 2962-2967.	4.8	27
12	The effect of V ₂ O ₅ -WO ₃ -TiO ₂ electrode thickness on ammonia sensing properties for potentiometric sensor. <i>MATEC Web of Conferences</i> , 2018, 175, 01032.	0.2	0
13	Preparation of (La _{0.8} Sr _{0.2}) ₂ FeNiO _{6-δ} Nanopowder by Pechini Method and Its Sensitivity to NO ₂ . <i>MATEC Web of Conferences</i> , 2018, 175, 01034.	0.2	0
14	Effect of MgO doping on the BiVO ₄ sensing electrode performance for YSZ-based potentiometric ammonia sensor. <i>Solid-State Electronics</i> , 2018, 147, 19-25.	1.4	27
15	Effects of Ni addition on the response of La ₂ CuO ₄ sensing electrode for NO sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 252, 37-43.	7.8	5
16	Effects of CoFe ₂ O ₄ electrode microstructure on the sensing properties for mixed potential NH ₃ sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 462-466.	7.8	61
17	Effects of sintering temperature on sensing properties of V ₂ O ₅ -WO ₃ -TiO ₂ electrode for potentiometric ammonia sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 241, 268-275.	7.8	35
18	The effects of Cu-content on Mg ₂ Cu _x Fe _{1-x} O _{3.5+x} electrodes for YSZ-based mixed-potential type NH ₃ sensors. <i>Ceramics International</i> , 2016, 42, 9363-9370.	4.8	15

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19	Low temperature sintering and microwave dielectric properties of $Zr_{0.3}(Zn_{1/3}Nb_{2/3})_{0.7}TiO_4$ ceramics doped with $CuO-B_2O_3$. <i>Journal of Electroceramics</i> , 2016, 36, 40-45.	2.0	1
20	Effects of sintering temperature on the NH_3 sensing properties of $Mg_{2.0}Cu_{0.25}Fe_{1.75}O_{3.75}$ electrode for YSZ-based potentiometric NH_3 sensor. <i>Ceramics International</i> , 2016, 42, 2214-2220.	4.8	27
21	Effect of V_2O_5 -content on electrode catalytic layer morphology and mixed potential ammonia sensor performance. <i>Sensors and Actuators B: Chemical</i> , 2016, 223, 658-663.	7.8	47
22	The effects of sintering temperature of $(La_{0.8}Sr_{0.2})_2FeMnO_6$ on the NO_2 sensing property for YSZ-based potentiometric sensor. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 311-318.	7.8	29
23	Effects of YSZ addition on the response of La_2CuO_4 sensing electrode for a potentiometric NO_x sensor. <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 730-736.	7.8	23
24	Sensing properties of YSZ-based NO_x sensors with double-perovskite $(La_{0.8}Sr_{0.2})_2FeNiO_6$ -sensing electrodes. <i>Ceramics International</i> , 2014, 40, 9257-9263.	4.8	26
25	Effect of electrode microstructure on the sensitivity and response time of potentiometric NO_x sensors based on stabilized-zirconia and $La_{5/3}Sr_{1/3}NiO_4$ -YSZ sensing electrode. <i>Solid-State Electronics</i> , 2014, 95, 23-27.	1.4	15
26	Dielectric, Ferroelectric, Pyroelectric, and Piezoelectric Properties of La -Modified $Lead$ -Free Sodium-Potassium Bismuth Titanate Thick Films. <i>Journal of the American Ceramic Society</i> , 2010, 93, 750-757.	3.8	29
27	Piezoelectric and dielectric aging of $Bi_{0.5}(Na_{0.82}K_{0.18})_{0.5}TiO_3$ lead-free ferroelectric thick films. <i>Journal of Applied Physics</i> , 2010, 107, .	2.5	24