

Lin Shu

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

226
citations

1040056

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1199594

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12
docs citations

12
times ranked

262
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Temperature SAW Wireless Strain Sensor with Langasite. <i>Sensors</i> , 2015, 15, 28531-28542.	3.8	51
2	The Characterization of Surface Acoustic Wave Devices Based on AlN-Metal Structures. <i>Sensors</i> , 2016, 16, 526.	3.8	34
3	AlN-based surface acoustic wave resonators for temperature sensing applications. <i>Materials Express</i> , 2015, 5, 367-370.	0.5	29
4	AlN-based surface acoustic wave resonators on platinum bottom electrodes for high-temperature sensing applications. <i>Rare Metals</i> , 2016, 35, 408-411.	7.1	26
5	Effects of AlN Coating Layer on High Temperature Characteristics of Langasite SAW Sensors. <i>Sensors</i> , 2016, 16, 1436.	3.8	20
6	The Investigation of a SAW Oxygen Gas Sensor Operated at Room Temperature, Based on Nanostructured Zn _x FeyO Films. <i>Sensors</i> , 2019, 19, 3025.	3.8	15
7	Effects of Sputtering Parameters on AlN Film Growth on Flexible Hastelloy Tapes by Two-Step Deposition Technique. <i>Materials</i> , 2016, 9, 686.	2.9	12
8	AlN film SAW resonator integrated with metal structure. <i>Electronics Letters</i> , 2015, 51, 379-380.	1.0	11
9	High temperature characteristics of AlN film SAW sensor integrated with TC4 alloy substrate. <i>Sensors and Actuators A: Physical</i> , 2016, 249, 57-61.	4.1	10
10	The Investigation of High-Temperature SAW Oxygen Sensor Based on ZnO Films. <i>Materials</i> , 2019, 12, 1235.	2.9	8
11	Growth of c-axis oriented AlN thin films on titanium alloy substrate by middle frequency magnetron sputtering. <i>Journal of Vacuum Science and Technology A: Vacuum, Surfaces and Films</i> , 2015, 33, 041509.	2.1	7
12	Preparation of highly c-axis oriented AlN thin films on Hastelloy tapes with Y ₂ O ₃ buffer layer for flexible SAW sensor applications. <i>Functional Materials Letters</i> , 2016, 09, 1650023.	1.2	3