

Tridib Saha

List of Publications by Year in descending order

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264
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluation of Ru–Ti Electrode-Based TSM Langasite Resonators for High-Temperature Applications. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2022, 69, 1461-1468.	1.7	1
2	Quartz crystal microbalance-based biosensing of hepatitis B antigen using a molecularly imprinted polydopamine film. Talanta, 2022, 249, 123659.	2.9	6
3	Low hysteresis relative humidity sensing characteristics of graphene oxide–gold nanocomposite coated langasite crystal microbalance. Surfaces and Interfaces, 2021, 23, 100964.	1.5	13
4	Optimal Design of TSM Langasite Resonator for High-Temperature Applications: A Review. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2021, 68, 1465-1475.	1.7	6
5	Langasite Resonator with Non-uniform Electrode Thickness: Design, Simulation, and Fabrication. , 2021, , .		0
6	Quartz crystal microbalance-based biosensors as rapid diagnostic devices for infectious diseases. Biosensors and Bioelectronics, 2020, 168, 112513.	5.3	117
7	A Langasite Crystal Microbalance Coated with Graphene Oxide-Platinum Nanocomposite as a Volatile Organic Compound Sensor: Detection and Discrimination Characteristics. Sensors, 2020, 20, 334.	2.1	9
8	Modeling and Electrode Design Optimizations of Plano-Plano Langasite Crystal Resonator. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2019, 66, 1521-1528.	1.7	6
9	Flexible Capacitive UV Sensor for Future Wearables. , 2019, , .		1
10	QCM-Micropillar-Based Coupled Resonators in the Detection of Gas Mass Flow Rates. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 303-305.	2.4	11
11	A novel langasite crystal microbalance instrumentation for UV sensing application. Sensors and Actuators A: Physical, 2016, 252, 16-25.	2.0	12
12	Zinc Oxide Nanostructure-Based Langasite Crystal Microbalance Ultraviolet Sensor. IEEE Sensors Journal, 2016, 16, 2964-2970.	2.4	15
13	An optimal thermal evaporation synthesis of c-axis oriented ZnO nanowires with excellent UV sensing and emission characteristics. Materials Research Bulletin, 2016, 77, 147-154.	2.7	11
14	Microfabrication of surface acoustic wave device using UV LED photolithography technique. Microelectronic Engineering, 2014, 122, 9-12.	1.1	17