

# Tridib Saha

## List of Publications by Year in descending order

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14  
papers

225  
citations

1162367

8  
h-index

1199166

12  
g-index

14  
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14  
docs citations

14  
times ranked

264  
citing authors

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