

Rahul Prajesh

List of Publications by Year in descending order

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Version: 2024-02-01

6
papers

91
citations

1683934
5
h-index

1872570
6
g-index

6
all docs

6
docs citations

6
times ranked

100
citing authors

#	ARTICLE	IF	CITATIONS
1	Nickel oxide (NiO) thin film optimization by reactive sputtering for highly sensitive formaldehyde sensing. <i>Sensors and Actuators B: Chemical</i> , 2020, 318, 128166.	4.0	34
2	Low power highly sensitive platform for gas sensing application. <i>Microsystem Technologies</i> , 2016, 22, 2185-2192.	1.2	33
3	Polysilicon Field Effect Transistor Biosensor for the Detection of Cardiac Troponin-I (cTnI). <i>Journal of the Electrochemical Society</i> , 2021, 168, 027501.	1.3	8
4	Effect of IDE placement on response in metal oxide gas sensors. <i>Materials Research Express</i> , 2018, 5, 096415.	0.8	6
5	Near field FEM simulations of plasmonic gold nanoparticle based SERS substrate with experimental validation. <i>Materials Chemistry and Physics</i> , 2022, 287, 126288.	2.0	6
6	Selectivity enhancement for metal oxide (MOX) based gas sensor using thermally modulated datasets coupled with golden section optimization and chemometric techniques. <i>Review of Scientific Instruments</i> , 2022, 93, .	0.6	4