

# Subhashish Dolai

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4040347/publications.pdf>

Version: 2024-02-01

11  
papers

76  
citations

1684188

5  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

95  
citing authors

#	ARTICLE	IF	CITATIONS
1	Zika Virus Field Effect Transistor. IEEE Sensors Journal, 2021, 21, 4122-4128.	4.7	4
2	Micro Fabricated MEMS Colorimetric Devices to Measure Zika-Induced Residual Stress and Mass Loading. IEEE Sensors Journal, 2021, 21, 4682-4687.	4.7	3
3	433 MHz Lithium Niobate Microbalance Aptamer-Coated Whole Zika Virus Sensor With 370 Hz/ng Sensitivity. IEEE Sensors Journal, 2020, 20, 4269-4274.	4.7	9
4	Whole virus detection using aptamers and paper-based sensor potentiometry. Medical Devices & Sensors, 2020, 3, e10112.	2.7	21
5	Microfabricated Nano-Gap Tunneling Current Zika Virus Sensors With Single Virus Detection Capabilities. IEEE Sensors Journal, 2020, 20, 8597-8603.	4.7	16
6	Bio-mimetic synthetic cell hydrogel magnetometer. Bioinspiration and Biomimetics, 2019, 14, 026003.	2.9	1
7	Metal-Oxide-Hydrogel Field-Effect Sensor. , 2018, , .		2
8	Remote Microwave and Field-Effect Sensing Techniques for Monitoring Hydrogel Sensor Response. Micromachines, 2018, 9, 526.	2.9	3
9	Hydrogel Gold Nanoparticle Switch. IEEE Electron Device Letters, 2018, 39, 1421-1424.	3.9	6
10	Effect of Temperature & phonon scattering on the Drain current of a MOSFET using SL-MoS2 as its channel material. Journal of Non-Crystalline Solids, 2017, 463, 108.	3.1	1
11	Effect of temperature & phonon scattering on the drain current of a MOSFET using SL-MoS2 as its channel material. Superlattices and Microstructures, 2017, 111, 912-921.	3.1	9