

# Leonardo Lamanna

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/984871/publications.pdf>

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docs citations

10  
times ranked

221  
citing authors

#	ARTICLE	IF	CITATIONS
1	Conformable surface acoustic wave biosensor for E-coli fabricated on PEN plastic film. Biosensors and Bioelectronics, 2020, 163, 112164.	10.1	64
2	Flexible and Transparent Aluminum Nitride-Based Surface Acoustic Wave Device on Polymeric Polyethylene Naphthalate. Advanced Electronic Materials, 2019, 5, 1900095.	5.1	60
3	GHz AlN-based multiple mode SAW temperature sensor fabricated on PEN substrate. Sensors and Actuators A: Physical, 2020, 315, 112268.	4.1	30
4	An Electrically Conductive Oleogel Paste for Edible Electronics. Advanced Functional Materials, 2022, 32, .	14.9	26
5	Flexible SAW Microfluidic Devices as Wearable pH Sensors Based on ZnO Nanoparticles. Nanomaterials, 2021, 11, 1479.	4.1	17
6	Flexible Dual-Wave Mode AlN-Based Surface Acoustic Wave Device on Polymeric Substrate. IEEE Electron Device Letters, 2020, 41, 1692-1695.	3.9	15
7	Encapsulation of Lactobacillus kefir in alginate microbeads using a double novel aerosol technique. Materials Science and Engineering C, 2017, 77, 548-555.	7.3	12
8	Determination of absorption and structural properties of cellulose-based hydrogel via ultrasonic pulse-echo time-of-flight approach. Cellulose, 2018, 25, 4331-4343.	4.9	9
9	Photoresponse of the AlN-Based SAW Device on Polymeric and Silicon Substrates. IEEE Sensors Journal, 2021, 21, 9675-9681.	4.7	9
10	Light interaction with AlN-based SAW device fabricated on flexible and silicon substrate. , 2019, , .		2