

Roana Melina de Oliveira Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

142
citations

1306789

7
h-index

1199166

12
g-index

22
all docs

22
docs citations

22
times ranked

192
citing authors

#	ARTICLE	IF	CITATIONS
1	Flexible organic solar cells including efficiency enhancing grating structures. <i>Nanotechnology</i> , 2013, 24, 145301.	1.3	21
2	In situ "Directed Growth of Organic Nanofibers and Nanoflakes: Electrical and Morphological Properties. <i>Nanoscale Research Letters</i> , 2011, 6, 11.	3.1	15
3	Meat and fish freshness evaluation by functionalized cantilever-based biosensors. <i>Microsystem Technologies</i> , 2020, 26, 867-871.	1.2	15
4	Magnetic films for electromagnetic actuation in MEMS switches. <i>Microsystem Technologies</i> , 2018, 24, 1987-1994.	1.2	14
5	Potential of novel cadaverine biosensor technology to predict shelf life of chilled yellowfin tuna (<i>Thunnus albacares</i>). <i>Food Control</i> , 2021, 119, 107458.	2.8	14
6	Pinning of organic nanofiber surface growth. <i>Nanoscale</i> , 2010, 2, 134-138.	2.8	10
7	Optimizing Piezoelectric Cantilever Design for Electronic Nose Applications. <i>Chemosensors</i> , 2020, 8, 114.	1.8	8
8	Breath Biomarkers as Disease Indicators: Sensing Techniques Approach for Detecting Breath Gas and COVID-19. <i>Chemosensors</i> , 2022, 10, 167.	1.8	8
9	Micro-cantilevers for optical sensing of biogenic amines. <i>Microsystem Technologies</i> , 2018, 24, 363-369.	1.2	7
10	Optical properties of microstructured surface-grown and transferred organic nanofibers. <i>Journal of Nanophotonics</i> , 2011, 5, 051701.	0.4	6
11	Novel cadaverine non-invasive biosensor technology for the prediction of shelf life of modified atmosphere packed pork cutlets. <i>Meat Science</i> , 2022, 192, 108876.	2.7	6
12	Surface Modification Enabling Reproducible Cantilever Functionalization for Industrial Gas Sensors. <i>Sensors</i> , 2021, 21, 6041.	2.1	4
13	High-Speed and High-Temperature Calorimetric Solid-State Thermal Mass Flow Sensor for Aerospace Application: A Sensitivity Analysis. <i>Sensors</i> , 2022, 22, 3484.	2.1	4
14	On-chip immunomagnetic separation of bacteria by in-flow dynamic manipulation of paramagnetic beads. <i>Applied Physics A: Materials Science and Processing</i> , 2016, 122, 1.	1.1	2
15	Functionalizing micro-cantilevers for meat degradation measurements. , 2016, , .		2
16	Light-emission from in-situ grown organic nanostructures. <i>Proceedings of SPIE</i> , 2011, , .	0.8	1
17	AC-driven light emission from in situ grown organic nanofibers. , 2012, , .		1
18	Functionalized Surfaces as a Tool for Virus Sensing: A Demonstration of Human mastadenovirus Detection in Environmental Waters. <i>Chemosensors</i> , 2021, 9, 19.	1.8	1

#	ARTICLE	IF	CITATIONS
19	Electrical properties of in-situ grown and transferred organic nanofibers. Proceedings of SPIE, 2010, , .	0.8	0
20	Efficiency enhancement of ITO-free organic polymeric solar cells by light trapping. Proceedings of SPIE, 2012, , .	0.8	0
21	Flexible PCPDTBT:PCBM solar cells with integrated grating structures. Proceedings of SPIE, 2013, , .	0.8	0