

Lorenzo Cocola

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

159
citations

1307594

7
h-index

1281871

11
g-index

20
all docs

20
docs citations

20
times ranked

122
citing authors

#	ARTICLE	IF	CITATIONS
1	Super-Earths, M Dwarfs, and Photosynthetic Organisms: Habitability in the Lab. <i>Life</i> , 2021, 11, 10.	2.4	20
2	A non-dispersive approach for a Raman gas sensor. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	2
3	A New Remote Sensing-Based System for the Monitoring and Analysis of Growth and Gas Exchange Rates of Photosynthetic Microorganisms Under Simulated Non-Terrestrial Conditions. <i>Frontiers in Plant Science</i> , 2020, 11, 182.	3.6	6
4	Development and validation of a multi gas optical sensor for the meat industry. , 2019, , .		0
5	Design and evaluation of an in-line system for gas sensing in flow-packed products. <i>Food Packaging and Shelf Life</i> , 2018, 17, 91-98.	7.5	4
6	Determination of CO ₂ Content in the Headspace of Spoiled Yogurt Packages. <i>Journal of Food Quality</i> , 2018, 2018, 1-6.	2.6	9
7	Control software for the Multi-Channel Led starlight simulator. , 2018, , .		3
8	A Modular Approach of Different Geometries for Non-invasive Oxygen Measurement inside Moving Food Packages. <i>Packaging Technology and Science</i> , 2017, 30, 159-170.	2.8	5
9	Tunable Diode Laser Absorption Spectroscopy applied to gas sensing for agro-food and medical processes. , 2017, , .		0
10	Adaptive multi-wavelength LED star simulator for space life studies. , 2016, , .		6
11	Validation of an in-line non-destructive headspace oxygen sensor. <i>Food Packaging and Shelf Life</i> , 2016, 9, 38-44.	7.5	7
12	Validation and calibration of a TDLAS oxygen sensor for in-line measurement on flow-packed products. , 2016, , .		2
13	Imaging of gaseous oxygen through DFB laser illumination. <i>Proceedings of SPIE</i> , 2016, , .	0.8	0
14	Tunable Diode Laser Absorption Spectroscopy for Gas Sensing in the Agri-Food Industry. , 2016, , .		0
15	Laser spectroscopy for totally non-intrusive detection of oxygen in modified atmosphere food packages. <i>Applied Physics B: Lasers and Optics</i> , 2015, 119, 37-44.	2.2	11
16	A tunable integrated system to simulate colder stellar radiation. , 2015, , .		2
17	Noninvasive monitoring of gas in the lungs and intestines of newborn infants using diode lasers: feasibility study. <i>Journal of Biomedical Optics</i> , 2013, 18, 127005.	2.6	23
18	Non-intrusive headspace gas measurements by laser spectroscopy – Performance validation by a reference sensor. <i>Journal of Food Engineering</i> , 2012, 111, 612-617.	5.2	18

#	ARTICLE	IF	CITATIONS
19	Gas in Scattering Media Absorption Spectroscopy (GSMAS) Detected Persistent Vacuum in Apple Tissue After Vacuum Impregnation. Food Biophysics, 2012, 7, 28-34.	3.0	35
20	Formation and Cumulation of CO2 in the Bottles of the Fermented Milk Drinks. International Proceedings of Chemical, Biological & Environmental Engineering, 0, 95, 26-31.	0.0	6