

Jeff Cullen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7372850/publications.pdf>

Version: 2024-02-01

44
papers

276
citations

1040056

9
h-index

996975

15
g-index

44
all docs

44
docs citations

44
times ranked

311
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation of Versa Tyle GRP for solar thermal system. International Journal of Green Energy, 2021, 18, 90-99.	3.8	0
2	Microwave Sensors for In Situ Monitoring of Trace Metals in Polluted Water. Sensors, 2021, 21, 3147.	3.8	10
3	Heat transition in the European building sector: Overview of the heat decarbonisation practices through heat pump technology. Sustainable Energy Technologies and Assessments, 2021, 48, 101630.	2.7	16
4	Functionalised microwave sensors for real-time monitoring of copper and zinc concentration in mining-impacted water. International Journal of Environmental Science and Technology, 2020, 17, 1861-1876.	3.5	9
5	Microwaves and Functional Materials: A Novel Method to Continuously Detect Metal Ions in Water. Smart Sensors, Measurement and Instrumentation, 2019, , 179-201.	0.6	7
6	Detection of Zn in water using novel functionalised planar microwave sensors. Materials Science and Engineering B: Solid-State Materials for Advanced Technology, 2019, 247, 114382.	3.5	12
7	Non-invasive Monitoring of Glycogen in Real-Time Using an Electromagnetic Sensor. Smart Sensors, Measurement and Instrumentation, 2019, , 1-15.	0.6	7
8	Continuous Detection of Copper and Bromide in Polluted Water using f-EM Sensors. , 2018, , .		5
9	Screen-Printed f-EM Sensors Based on Two Chelating-Polymers and a Metal Oxide for the Continuous Detection of Cu Ions in Surface Water. Proceedings (mdpi), 2018, 2, 828.	0.2	4
10	Stair Fall Risk Detection Using Wearable Sensors. , 2018, , .		5
11	Real-Time Microwave, Dielectric, and Optical Sensing of Lincomycin and Tylosin Antibiotics in Water: Sensor Fusion for Environmental Safety. Journal of Sensors, 2018, 2018, 1-11.	1.1	17
12	Towards an Unmanned 3D Mapping System Using UWB Positioning. Lecture Notes in Computer Science, 2018, , 416-422.	1.3	1
13	An investigation into the effect of decorative covers on the heat output from LPHW radiators. Energy and Buildings, 2016, 133, 414-422.	6.7	14
14	Real-Time Monitoring of Meat Drying Process Using Electromagnetic Wave Sensors. Smart Sensors, Measurement and Instrumentation, 2016, , 221-233.	0.6	1
15	The feasibility of electromagnetic waves in determining the moisture content of concrete blocks. , 2015, , .		4
16	Online monitoring of milk quality using electromagnetic wave sensors. , 2015, , .		9
17	Online non-destructive monitoring of meat drying using microwave spectroscopy. , 2015, , .		1
18	Development of a sensor system for vegetable oil authentication. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
19	Investigation of audible carbon monoxide alarm ownership. Smart and Sustainable Built Environment, 2014, 3, 72-86.	4.0	0
20	Assessing Water-Holding Capacity (WHC) of Meat Using Microwave Spectroscopy. Smart Sensors, Measurement and Instrumentation, 2014, , 117-140.	0.6	9
21	The feasibility of using electromagnetic waves in determining the moisture content of building fabrics and the cause of the water ingress.. International Journal on Smart Sensing and Intelligent Systems, 2014, 7, 1-5.	0.7	2
22	Water-holding capacity assessment of meat using an electromagnetic sensing method. , 2013, , .		1
23	Development of a predictive water-holding capacity method in postmortem longissimus dorsi muscle. , 2013, , .		0
24	Online genetic-ANFIS temperature control for advanced microwave biodiesel reactor. Journal of Process Control, 2012, 22, 1256-1272.	3.3	45
25	An investigation into the potential of microwave NDT for structural materials. , 2012, , .		1
26	Comparison between PID and Fuzzy logic controllers for advance microwave biodiesel reactor. , 2011, , .		1
27	Multi-sensor spot welding monitor using wireless sensor network technology. , 2011, , .		2
28	Water pipe leak detection using electromagnetic wave sensor for the water industry. , 2011, , .		8
29	Artificial Intelligent Control for a Novel Advanced Microwave Biodiesel Reactor. Journal of Physics: Conference Series, 2011, 307, 012042.	0.4	0
30	Theoretical and practical investigation into sustainable metal joining process for the automotive industry. Journal of Physics: Conference Series, 2011, 307, 012044.	0.4	2
31	Comparison between Adaptive and Fuzzy logic controllers for advance microwave biodiesel reactor. , 2011, , .		2
32	NDE system for the quality control of spot welding in the automotive industry. , 2010, , .		3
33	Spot Welding Theoretical and Practical Investigations of the Expulsion Occurrence in Joining Metal for the Automotive Industry. , 2009, , .		3
34	Real Time Monitoring and Detection of Alcohol Using Microwave Sensor Technology. , 2009, , .		2
35	An online real time ultrasonic NDT system for the quality control of spot welding in the automotive industry. Journal of Physics: Conference Series, 2009, 178, 012013.	0.4	3
36	Real Time Water Pipes Leak Detection Using EM Waves for the Water Industry. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
37	Experimental and computer simulation results of the spot welding process using SORPAS software. Journal of Physics: Conference Series, 2009, 178, 012045.	0.4	4
38	An online real time ultrasonic NDT system for the quality control of spot welding in the automotive industry. Journal of Physics: Conference Series, 2009, 178, 012032.	0.4	1
39	Non invasive rail track detection system using microwave sensor. Journal of Physics: Conference Series, 2009, 178, 012033.	0.4	18
40	Optical fibre sensors for the monitoring of a microwave plasma UV lamp and ozone generation system. Proceedings of SPIE, 2008, , .	0.8	0
41	Energy reduction for the spot welding process in the automotive industry. Journal of Physics: Conference Series, 2007, 76, 012022.	0.4	6
42	Online visual inspection of self-piercing riveting to determine the quality of the mechanical interlock. Journal of Physics: Conference Series, 2007, 76, 012012.	0.4	1
43	Online vehicle and atmospheric pollution monitoring using GIS and wireless sensor networks. Journal of Physics: Conference Series, 2007, 76, 012019.	0.4	29
44	An optical fiber sensor based on cladding photoluminescence for high power microwave plasma ultraviolet lamps used in water treatment. Optical Review, 2001, 8, 459-462.	2.0	7