

# Olivier Debauche

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

30  
papers

359  
citations

11  
h-index

17  
g-index

31  
ext. papers

463  
ext. citations

1.9  
avg, IF

4.25  
L-index

#	Paper	IF	Citations
30	Monitoring System Using Internet of Things For Potential Landslides. <i>Procedia Computer Science</i> , <b>2018</b> , 134, 26-34	1.6	39
29	Fog IoT for Health: A new Architecture for Patients and Elderly Monitoring.. <i>Procedia Computer Science</i> , <b>2019</b> , 160, 289-297	1.6	37
28	Web Monitoring of Bee Health for Researchers and Beekeepers Based on the Internet of Things. <i>Procedia Computer Science</i> , <b>2018</b> , 130, 991-998	1.6	34
27	A new Edge Architecture for AI-IoT services deployment. <i>Procedia Computer Science</i> , <b>2020</b> , 175, 10-19	1.6	22
26	Web-based cattle behavior service for researchers based on the smartphone inertial central. <i>Procedia Computer Science</i> , <b>2017</b> , 110, 110-116	1.6	21
25	Cloud services integration for farm animals behavior studies based on smartphones as activity sensors. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2019</b> , 10, 4651-4662	3.7	20
24	Edge Computing and Artificial Intelligence for Real-time Poultry Monitoring. <i>Procedia Computer Science</i> , <b>2020</b> , 175, 534-541	1.6	19
23	<b>2018</b> ,		16
22	Cloud architecture for digital phenotyping and automation <b>2017</b> ,		13
21	Edge AI-IoT Pivot Irrigation, Plant Diseases, and Pests Identification. <i>Procedia Computer Science</i> , <b>2020</b> , 177, 40-48	1.6	12
20	Data management and internet of things : A methodological review in smart farming. <i>Internet of Things (Netherlands)</i> , <b>2021</b> , 14, 100378	6.9	12
19	Edge Computing and Artificial Intelligence Semantically Driven. Application to a Climatic Enclosure. <i>Procedia Computer Science</i> , <b>2020</b> , 175, 542-547	1.6	11
18	Internet of Things: Learning and practices. Application to smart home <b>2018</b> ,		10
17	Edge Computing for Cattle Behavior Analysis <b>2020</b> ,		9
16	Internet of Things: learning and practices. Application to Smart City <b>2018</b> ,		9
15	Cloud architecture for plant phenotyping research. <i>Concurrency Computation Practice and Experience</i> , <b>2020</b> , 32, e5661	1.4	8
14	Edge Computing and Artificial Intelligence for Landslides Monitoring. <i>Procedia Computer Science</i> , <b>2020</b> , 177, 480-487	1.6	8

13	RevoCampus: a Distributed Open Source and Low-cost Smart Campus <b>2020</b> ,		7
12	Open Phytotron: A New IoT Device for Home Gardening <b>2020</b> ,		7
11	Smart Nest Box: IoT Based Nest Monitoring In Artificial Cavities <b>2020</b> ,		6
10	Toward a Big Data Knowledge-Base Management System for Precision Livestock Farming. <i>Procedia Computer Science</i> , <b>2020</b> , 177, 136-142	1.6	6
9	Cloud Platform using Big Data and HPC Technologies for Distributed and Parallels Treatments. <i>Procedia Computer Science</i> , <b>2018</b> , 141, 112-118	1.6	6
8	Internet of Things Learning: a Practical Case for Smart Building automation <b>2020</b> ,		5
7	A New Edge Computing Architecture for IoT and Multimedia Data Management. <i>Information (Switzerland)</i> , <b>2022</b> , 13, 89	2.6	5
6	Cloud and distributed architectures for data management in agriculture 4.0 : Review and future trends. <i>Journal of King Saud University - Computer and Information Sciences</i> , <b>2021</b> ,	2.5	4
5	Towards Landslides Early Warning System With Fog - Edge Computing And Artificial Intelligence**. <i>Journal of Ubiquitous Systems and Pervasive Networks</i> , <b>2021</b> , 15, 11-17	1.8	4
4	Internet of Things: a new Interoperable IoT Platform. Application to a Smart Building. <i>Procedia Computer Science</i> , <b>2021</b> , 191, 511-517	1.6	4
3	Farm Animals Behaviors and Welfare Analysis with IA Algorithms: A Review. <i>Revue D'intelligence Artificielle</i> , <b>2021</b> , 35, 243-253	2.1	3
2	A new Kappa Architecture for IoT Data Management in Smart Farming. <i>Procedia Computer Science</i> , <b>2021</b> , 191, 17-24	1.6	2
1	A new Collaborative Platform for Research in Smart Farming. <i>Procedia Computer Science</i> , <b>2020</b> , 177, 450-455		