

# Carlos Baladron

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8863648/publications.pdf>

Version: 2024-02-01

38  
papers

1,579  
citations

567281

15  
h-index

454955

30  
g-index

39  
all docs

39  
docs citations

39  
times ranked

1962  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey on Electric Power Demand Forecasting: Future Trends in Smart Grids, Microgrids and Smart Buildings. IEEE Communications Surveys and Tutorials, 2014, 16, 1460-1495.	39.4	387
2	A multi-agent system architecture for smart grid management and forecasting of energy demand in virtual power plants. , 2013, 51, 106-113.		172
3	Artificial neural networks for short-term load forecasting in microgrids environment. Energy, 2014, 75, 252-264.	8.8	170
4	A Study of the Relationship between Weather Variables and Electric Power Demand inside a Smart Grid/Smart World Framework. Sensors, 2012, 12, 11571-11591.	3.8	139
5	Short-Term Load Forecasting for Microgrids Based on Artificial Neural Networks. Energies, 2013, 6, 1385-1408.	3.1	121
6	Classification and Clustering of Electricity Demand Patterns in Industrial Parks. Energies, 2012, 5, 5215-5228.	3.1	92
7	Artificial Neural Network for Short-Term Load Forecasting in Distribution Systems. Energies, 2014, 7, 1576-1598.	3.1	86
8	A Semantic Autonomous Video Surveillance System for Dense Camera Networks in Smart Cities. Sensors, 2012, 12, 10407-10429.	3.8	48
9	Cerebral versus Ocular Visual Impairment: The Impact on Developmental Neuroplasticity. Frontiers in Psychology, 2016, 7, 1958.	2.1	47
10	Improved Short-Term Load Forecasting Based on Two-Stage Predictions with Artificial Neural Networks in a Microgrid Environment. Energies, 2013, 6, 4489-4507.	3.1	35
11	Experimental Analysis of the Input Variables' Relevance to Forecast Next Day's Aggregated Electric Demand Using Neural Networks. Energies, 2013, 6, 2927-2948.	3.1	31
12	Temperature and Relative Humidity Estimation and Prediction in the Tobacco Drying Process Using Artificial Neural Networks. Sensors, 2012, 12, 14004-14021.	3.8	30
13	Framework for intelligent service adaptation to user's context in next generation networks. , 2012, 50, 18-25.		30
14	An Intelligent Surveillance Platform for Large Metropolitan Areas with Dense Sensor Deployment. Sensors, 2013, 13, 7414-7442.	3.8	29
15	Personal multimedia services over a common home and access networking environment. IEEE Network, 2009, 23, 43-49.	6.9	26
16	Muscle molecular adaptations to endurance exercise training are conditioned by glycogen availability: a proteomics-based analysis in the McArdle mouse model. Journal of Physiology, 2018, 596, 1035-1061.	2.9	26
17	Performance Study of the Application of Artificial Neural Networks to the Completion and Prediction of Data Retrieved by Underwater Sensors. Sensors, 2012, 12, 1468-1481.	3.8	22
18	A user-centric service creation approach for Next Generation Networks. , 2008, , .		18

#	ARTICLE	IF	CITATIONS
19	Integrating User-Generated Content and Pervasive Communications. IEEE Pervasive Computing, 2008, 7, 58-61.	1.3	10
20	Accurate commissural alignment during ACURATE neo TAVI procedure. Proof of concept. Revista Espanola De Cardiologia (English Ed ), 2022, 75, 203-212.	0.6	8
21	Sudden Cardiac Death in Professional Soccer Players. Journal of the American College of Cardiology, 2017, 70, 1420-1421.	2.8	6
22	Big data and new information technology: what cardiologists need to know. Revista Espanola De Cardiologia (English Ed ), 2021, 74, 81-89.	0.6	6
23	Machine Learning Is No Magic. JACC: Cardiovascular Interventions, 2019, 12, 2112-2113.	2.9	5
24	User-driven context aware creation and execution of home care applications. Annales Des Telecommunications/Annals of Telecommunications, 2010, 65, 545-556.	2.5	4
25	Management of service sessions in an NGN-SOA execution environment [Next-Generation Telco IT Architectures. , 2010, 48, 103-109.		4
26	Innovative DAMA algorithm for multimedia DVB-RCS system. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	4
27	Improving teaching in engineering education: adjunct enterprise professors programme. Journal of Intelligent Manufacturing, 2013, 24, 495-499.	7.3	4
28	User-oriented environment for management of convergent services. , 2012, 50, 142-149.		3
29	mHealth and the legacy of John Snow. Lancet, The, 2018, 391, 1479-1480.	13.7	3
30	Tool for filtering PubMed search results by sample size. Journal of the American Medical Informatics Association: JAMIA, 2018, 25, 774-779.	4.4	2
31	Twitter and the pursuit of global health-care during COVID-19 pandemic. Medicina Clínica, 2020, 155, 268-269.	0.6	2
32	New Business Models: User Generated Services. IEEE Latin America Transactions, 2009, 7, 395-399.	1.6	1
33	Intelligent context retrieval and management for services in the Internet of Things. International Journal of Ad Hoc and Ubiquitous Computing, 2013, 13, 218.	0.5	1
34	Self-expandable transcatheter heart valves for aortic stenosis. Short-term outcome and matched hemodynamic performance. Revista Espanola De Cardiologia (English Ed ), 2021, 74, 1032-1041.	0.6	1
35	Comparison of Figulla Flex® and Amplatzer® devices for atrial septal defect closure: A meta-analysis. Cardiology Journal, 2020, 27, 524-532.	1.2	1
36	Twitter and the pursuit of global health-care during COVID-19 pandemic. Medicina Clínica (English) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.2	1

#	ARTICLE	IF	CITATIONS
37	User-centric Service Creation and Execution. , 2009, , 273-298.		0
38	Learning on the Move in the Web 2.0. Advances in Human and Social Aspects of Technology Book Series, 0, , 437-458.	0.3	0