

# Charalampos Patrikakis

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8101024/publications.pdf>

Version: 2024-02-01

113  
papers

699  
citations

840776  
11  
h-index

677142  
22  
g-index

119  
all docs

119  
docs citations

119  
times ranked

774  
citing authors

#	ARTICLE	IF	CITATIONS
1	A complete farm management system based on animal identification using RFID technology. Computers and Electronics in Agriculture, 2010, 70, 380-388.	7.7	188
2	A Cooperative Fog Approach for Effective Workload Balancing. IEEE Cloud Computing, 2017, 4, 36-45.	3.9	65
3	Security and Privacy in Pervasive Computing. IEEE Pervasive Computing, 2007, 6, 73-75.	1.3	21
4	Cognitive friendship and goal management for the social IoT. Computers and Electrical Engineering, 2017, 58, 412-428.	4.8	18
5	An evaluation study of clustering algorithms in the scope of user communities assessment. Computers and Mathematics With Applications, 2009, 58, 1498-1519.	2.7	16
6	Application of Blockchain Technology in Dynamic Resource Management of Next Generation Networks. Information (Switzerland), 2020, 11, 570.	2.9	16
7	Deep Learning Empowered Wearable-Based Behavior Recognition for Search and Rescue Dogs. Sensors, 2022, 22, 993.	3.8	16
8	Cloud Federation and the Evolution of Cloud Computing. Computer, 2016, 49, 96-99.	1.1	13
9	ASSIST: An agent-based SIoT simulator. , 2016, , .		12
10	Toward a Blockchain-Enabled Crowdsourcing Platform. IT Professional, 2019, 21, 18-25.	1.5	12
11	Intelligent Performance Prediction: The Use Case of a Hadoop Cluster. Electronics (Switzerland), 2021, 10, 2690.	3.1	12
12	Personalized Coverage of Large Athletic Events. IEEE MultiMedia, 2011, 18, 18-29.	1.7	11
13	Using Personalized Mashups for Mobile Location Based Services. , 2008, , .		10
14	An Ontology-Based Smart Production Management System. IT Professional, 2015, 17, 36-46.	1.5	10
15	PerceptionNet: A Deep Convolutional Neural Network for Late Sensor Fusion. Advances in Intelligent Systems and Computing, 2019, , 101-119.	0.6	10
16	Forecasting systems for e-government. Electronic Government, 2004, 1, 374.	0.2	9
17	Collective domotic intelligence through dynamic injection of semantic rules. , 2015, , .		9
18	A Proactive, Terminal Based Best Access Point Selection Mechanism for Wireless LANs. , 2008, , .		8

#	ARTICLE	IF	CITATIONS
19	Quantifying privacy in terms of entropy for context aware services. Identity in the Information Society, 2009, 2, 155-169.	0.8	8
20	Acoustic Sensor Data Flow for Cultural Heritage Monitoring and Safeguarding. Sensors, 2019, 19, 1629.	3.8	8
21	On the Benefits of Deep Convolutional Neural Networks on Animal Activity Recognition. , 2020, , .		8
22	Modality-wise relational reasoning for one-shot sensor-based activity recognition. Pattern Recognition Letters, 2021, 146, 90-99.	4.2	8
23	The Health Avatar: Privacy-Aware Monitoring and Management. IT Professional, 2015, 17, 20-27.	1.5	7
24	Changing Mobile Data Analysis through Deep Learning. IT Professional, 2017, 19, 17-23.	1.5	7
25	Internet of Things Infrastructure for Security and Safety in Public Places. Information (Switzerland), 2019, 10, 333.	2.9	7
26	Combating Fake News with Transformers: A Comparative Analysis of Stance Detection and Subjectivity Analysis. Information (Switzerland), 2021, 12, 409.	2.9	7
27	User - Profile based Communities Assessment using Clustering Methods. , 2007, , .		6
28	Real-time video analysis and personalized media streaming environments for large scale athletic events. , 2008, , .		6
29	Employing clustering algorithms to create user groups for personalized context aware services provision. , 2011, , .		6
30	Information-centric networking for multimedia, social and peer-to-peer communications. Transactions on Emerging Telecommunications Technologies, 2014, 25, 383-391.	3.9	6
31	Transformer-based identification of stochastic information cascades in social networks using text and image similarity. Applied Soft Computing Journal, 2021, 108, 107413.	7.2	6
32	Establishing Trust Through Anonymous and Private Information Exchange Over Personal Networks. Wireless Personal Communications, 2009, 51, 121-135.	2.7	5
33	Directing your own live and interactive sports channel. , 2009, , .		5
34	Load balancing through terminal based dynamic AP reselection for QoS in IEEE 802.11 networks. , 2011, , .		5
35	Digital Deception: Cyber Fraud and Online Misinformation. IT Professional, 2020, 22, 19-20.	1.5	5
36	A Prototype Framework for Assessing Information Provenance in Decentralised Social Media: The EUNOMIA Concept. Communications in Computer and Information Science, 2020, , 196-208.	0.5	5

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37	Analysing multimedia content in social networking environments. , 2010, , .		4
38	Routing in Content-Centric Networks: From Names to Concepts. , 2012, , .		4
39	Changing the Game of Mobile Data Analysis with Deep Learning. IT Professional, 2017, , 1-1.	1.5	4
40	Teaching network security through a scavenger hunt game. , 2017, , .		4
41	A communication gateway architecture for ensuring privacy and confidentiality in incident reporting. , 2017, , .		4
42	Smart Interconnected Infrastructure for Security and Safety in Public Places. , 2019, , .		4
43	Building Pedagogical Conversational Agents, Affectively Correct. , 2019, , .		4
44	Streaming Content Wars: Download and Play Strikes Back. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 218-226.	0.3	4
45	Performing integrated system tests using malicious component insertion. Electronic Notes in Theoretical Computer Science, 2003, 82, 11-21.	0.9	3
46	An implementation of an overlay network architecture scheme for streaming media distribution. , 2003, , .		3
47	An MPEG-4 Compliant Interactive Multimedia Streaming Platform Using Overlay Networks. ETRI Journal, 2006, 28, 411-424.	2.0	3
48	Personalized location based services with respect to privacy. , 2009, , .		3
49	Mobile user profiles for Personal Networks: The MAGNET Beyond case. International Journal of Communication Systems, 2010, 23, 1289-1309.	2.5	3
50	Handling multiple channel video data for personalized multimedia services: A case study on soccer games viewing. , 2011, , .		3
51	The Virtual Lab (VLAB) Cloud Solution. , 2016, , .		3
52	TRILLION project approach on scenarios definition for citizen security services. International Journal of Electronic Governance, 2017, 9, 267.	0.2	3
53	Gesture-based incident reporting through smart watches. , 2019, , .		3
54	A Prototype Deep Learning Paraphrase Identification Service for Discovering Information Cascades in Social Networks. , 2020, , .		3

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55	Improving Quality of Life with the Internet of Everything. Internet of Things, 2017, , 377-408.	1.7	3
56	An Event-driven Health Service Bus. , 2015, , .		3
57	RFID Application in Animal Monitoring. , 2008, , 165-184.		3
58	Supporting Cultural Heritage Preservation Through Game-Based Crowdsourcing. Springer Proceedings in Business and Economics, 2019, , 989-997.	0.3	3
59	Object-based Interactive Multimedia Streaming Platform Using Overlay Networks. , 0, , .		2
60	A Network Oriented Perspective on the Personalization of Media Streaming. , 2008, , .		2
61	Evaluating Behavioral Change in Multigroup Collaboration for Content Publishing Over the Web. Social Science Computer Review, 2009, 27, 59-75.	4.2	2
62	SARACEN: A platform for adaptive, socially aware multimedia distribution over P2P networks. , 2010, , .		2
63	Emergency operations support through social networking and P2P multimedia services. , 2011, , .		2
64	On the performance improvement of gossip protocols for content-based publish-subscribe through caching. Computer Networks, 2013, 57, 3759-3772.	5.1	2
65	Enhancing the student's logical thinking with Gherkin language. , 2017, , .		2
66	On the successful deployment of community policing services the TRILLION project case. , 2018, , .		2
67	Living on the Edge. IT Professional, 2019, 21, 16-18.	1.5	2
68	Increasing safety and security in public places using IoT devices. , 2020, , .		2
69	An IoE Architecture for the Preservation of the Cultural Heritage. Advances in Computer and Electrical Engineering Book Series, 2019, , 193-214.	0.3	2
70	Serious Games: An Attractive Approach to Improve Awareness. SpringerBriefs in Criminology, 2018, , 1-9.	0.2	2
71	Automated Graffiti Detection: A Novel Approach to Maintaining Historical Architecture in Communities. Applied Sciences (Switzerland), 2022, 12, 2983.	2.5	2
72	Content Requirements Identification towards the Design of an Educational Portal. Communications in Computer and Information Science, 0, , 253-260.	0.5	2

#	ARTICLE	IF	CITATIONS
73	HIDRA: History Directed Routing Algorithm for IP Networks. Lecture Notes in Computer Science, 2003, , 333-342.	1.3	1
74	Using overlay network architectures for scalable video distribution. , 2004, , .		1
75	ISMUS: interactive scalable multimedia streaming platform. , 2005, , .		1
76	Adaptive User Communities Assessment in Personal Networking Applications. , 2007, , .		1
77	Real-time context-aware and personalized media streaming environments for large scale broadcasting applications My-e-Director 2012. , 2008, , .		1
78	PLASMA: personalized, location aware services over mobile architectures. , 2008, , .		1
79	Privacy and resource protection in personal network federations. , 2009, , .		1
80	Trust and security in Personal Network environments. International Journal of Electronic Security and Digital Forensics, 2009, 2, 365.	0.2	1
81	ACM international workshop on social, adaptive and personalized multimedia interaction and access (SAPMIA 2010). , 2010, , .		1
82	ACM international workshop on social and behavioral networked media access (SBNMA'11). , 2011, , .		1
83	Designing and Experimenting a Hybrid Social Network Made up of People, Agents and Sensors. , 2011, , .		1
84	Quality aware, adaptive, 3D media distribution over P2P architectures. , 2013, , .		1
85	Ontology-based, multi-agent support of production management. AIP Conference Proceedings, 2016, , .	0.4	1
86	A method for measuring urban space density of people and deliver notification, with respect to privacy. , 2021, , .		1
87	Smart Interconnected Infrastructures for Security and Protection: The DESMOS Project. Computers, 2021, 10, 116.	3.3	1
88	Peer-to-Peer Video Streaming. , 2013, , 254-313.		1
89	Combining Immersive Virtual Worlds and Virtual Learning Environments into an Integrated System for Hosting and Supporting Virtual Conferences. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 397-407.	0.3	1
90	Online Collaboration. , 2012, , 403-411.		1

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91	TRILLION: Trusted, Citizen - LEA Collaboration Over Social Networks. Communications in Computer and Information Science, 2015, , 228-232.	0.5	1
92	An E-tutoring Service Architecture Based on Overlay Networks. Lecture Notes in Computer Science, 2003, , 59-66.	1.3	0
93	Network support mechanisms for scalable media streaming. , 2005, 5909, 150.		0
94	Personalised Live Sports Event Viewing on Mobile Devices. , 2009, , .		0
95	Combining internet collected data to build personalised location based services. International Journal of Autonomous and Adaptive Communications Systems, 2009, 2, 164.	0.3	0
96	Editorial: Special Issue on "Trustworthy and Intelligent Services for Ubiquitous Computing" Wireless Personal Communications, 2011, 56, 1-4.	2.7	0
97	On the Use of a Secure and Privacy-Aware eGovernment Infrastructure: The SPAGOS Framework. Communications in Computer and Information Science, 2015, , 223-227.	0.5	0
98	Privacy issues in post dissemination on Facebook. Turkish Journal of Electrical Engineering and Computer Sciences, 2019, 27, 3417-3432.	1.4	0
99	Envisioning Our Future Digital World. IT Professional, 2020, 22, 17-19.	1.5	0
100	The New Needs of Professions. IT Professional, 2020, 22, 43-46.	1.5	0
101	Introduction to SI. IT Professional, 2021, 23, 10-11.	1.5	0
102	ActiveCrowds: A Human-in-the-Loop Machine Learning Framework. Frontiers in Artificial Intelligence and Applications, 2021, , .	0.3	0
103	Localization module for missing child scenario in IoT safety domains. , 2021, , .		0
104	Autonomic Networking. , 2008, , 72-78.		0
105	Rate Adaptation Mechanisms for Multimedia Streaming. , 2008, , 456-462.		0
106	Privacy Implications and Protection in the New Ubiquitous Web Environment. , 2010, , 863-877.		0
107	Using media related user profiles to personalize multimedia access over social networks. , 2011, , .		0
108	The Content Level (CoMid). Signals and Communication Technology, 2014, , 73-102.	0.5	0

#	ARTICLE	IF	CITATIONS
109	Supporting Lab Courses Using OpenStack. Communications in Computer and Information Science, 2014, , 93-102.	0.5	0
110	Peer-to-Peer Video Streaming. , 0, , 169-228.		0
111	Identity Management in Internet of Things with Blockchain. Lecture Notes on Data Engineering and Communications Technologies, 2022, , 209-236.	0.7	0
112	Introducing the Architecture of FASTER: A Digital Ecosystem for First Responder Teams. Information (Switzerland), 2022, 13, 115.	2.9	0
113	Society 5.0: Human Centric, Decentralized, and Hyperautomated. IT Professional, 2022, 24, 16-17.	1.5	0