

Konstantinos E Psannis

List of Publications by Year in descending order

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Version: 2024-02-01

121
papers

3,887
citations

257101

24
h-index

138251

58
g-index

128
all docs

128
docs citations

128
times ranked

3568
citing authors

#	ARTICLE	IF	CITATIONS
1	IoT-based health and emotion care system. <i>ICT Express</i> , 2023, 9, 112-115.	3.3	5
2	Cross-Industry Process Standardization for Text Analytics. <i>Big Data Research</i> , 2022, 27, 100274.	2.6	5
3	InFeMo: Flexible Big Data Management Through a Federated Cloud System. <i>ACM Transactions on Internet Technology</i> , 2022, 22, 1-22.	3.0	57
4	Correlation-based wireless sensor networks performance: the compressed sensing paradigm. <i>Cluster Computing</i> , 2022, 25, 965-981.	3.5	7
5	AI-enabled digital forgery analysis and crucial interactions monitoring in smart communities. <i>Technological Forecasting and Social Change</i> , 2022, 177, 121555.	6.2	6
6	Multi-Authority Fine-Grained Data Sharing and Search Scheme for Cloud Banking Systems. <i>International Journal of Software Science and Computational Intelligence</i> , 2022, 14, 0-0.	1.8	3
7	NFV-Based Scheme for Effective Protection against Bot Attacks in AI-Enabled IoT. <i>IEEE Internet of Things Magazine</i> , 2022, 5, 91-95.	2.0	6
8	Exploitation of Emerging Technologies and Advanced Networks for a Smart Healthcare System. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5859.	1.3	13
9	An Enhanced and Secure Cloud Infrastructure for e-Health Data Transmission. <i>Wireless Personal Communications</i> , 2021, 117, 109-127.	1.8	13
10	AI Ethics: Algorithmic Determinism or Self-Determination? The GDPR Approach. <i>IEEE Access</i> , 2021, 9, 58455-58466.	2.6	7
11	Effect of QoS Control in Remote Master-Slave Robot Systems with Force Feedback. <i>International Journal of Mechanical Engineering and Robotics Research</i> , 2021, , 49-53.	0.7	1
12	Mitigating Botnet based DDoS Attacks by Selecting Incentivized Cooperating ISPs for Risk Transfer. , 2021, , .		2
13	Wireless fading channels performance based on Taylor expansion and compressed sensing: A comparative approach. <i>International Journal of Communication Systems</i> , 2021, 34, e4794.	1.6	4
14	IoT-Based Big Data Secure Management in the Fog Over a 6G Wireless Network. <i>IEEE Internet of Things Journal</i> , 2021, 8, 5164-5171.	5.5	204
15	Communication between Human and Machines in the Era of Industry 4.0. , 2021, , 1-16.		0
16	Privacy Concerns and Trust Issues. , 2021, , 17-33.		0
17	Internet-of-Things-Enabled Infrastructure Against Infectious Diseases. <i>IEEE Internet of Things Magazine</i> , 2021, 4, 20-25.	2.0	7
18	A novel approach for phishing URLs detection using lexical based machine learning in a real-time environment. <i>Computer Communications</i> , 2021, 175, 47-57.	3.1	81

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19	Emerging Swarm Intelligence Algorithms and Their Applications in Antenna Design: The GWO, WOA, and SSA Optimizers. Applied Sciences (Switzerland), 2021, 11, 8330.	1.3	19
20	Novel Design Framework for Dual-Band Frequency Selective Surfaces Using Multi-Variant Differential Evolution. Mathematics, 2021, 9, 2381.	1.1	4
21	Blockchain-Assisted Secure Fine-Grained Searchable Encryption for a Cloud-Based Healthcare Cyber-Physical System. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1877-1890.	8.5	166
22	Recent Advances Delivered in Mobile Cloud Computing's Security and Management Challenges. , 2021, , 35-57.		0
23	Efficient Integration of XR with Haptic Feedback and 5G Networks. , 2021, , .		2
24	UAV-Based Smart Surveillance System over a Wireless Sensor Network. IEEE Communications Standards Magazine, 2021, 5, 68-73.	3.6	5
25	A Revolutionary Interactive Smart Classroom (RISC) with the Use of Emerging Technologies. , 2020, , .		12
26	Comparison of Video Codecs Performance for Real-Time Transmission. , 2020, , .		5
27	Taxonomy about the Stages of Performing Automated Decision-Making Processing under GDPR in the Light of 6G Networks. , 2020, , .		0
28	Green Cloud Communication System for Big Data Management. , 2020, , .		8
29	3D Placement of Drone-Mounted Remote Radio Head for Minimum Transmission Power Under Connectivity Constraints. IEEE Access, 2020, 8, 200338-200350.	2.6	8
30	Dual-Band Rectifier Design for Ambient RF Energy Harvesting. , 2020, , .		2
31	Energy Efficiency in Smart Buildings: IoT Approaches. IEEE Access, 2020, 8, 63679-63699.	2.6	94
32	Survey on the Patent Law Awareness and the Entrepreneurial Trend of Greece's Graduates of Technology Institutes. IEEE Access, 2020, 8, 98057-98072.	2.6	4
33	GDPR Interference With Next Generation 5G and IoT Networks. IEEE Access, 2020, 8, 108052-108061.	2.6	9
34	Big Data Preprocessing: An Application on Online Social Networks. Transactions on Computational Science and Computational Intelligence, 2020, , 49-78.	0.3	2
35	Recent Advances Delivered in Mobile Cloud Computing's Security and Management Challenges. Advances in Information Security, Privacy, and Ethics Book Series, 2020, , 21-43.	0.4	1
36	Metadata Security Measures for Protecting Confidential Information on the Cloud. Lecture Notes in Computer Science, 2020, , 398-410.	1.0	0

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37	Differential Privacy Approach to Solve Gradient Leakage Attack in a Federated Machine Learning Environment. Lecture Notes in Computer Science, 2020, , 378-385.	1.0	3
38	QoE Assessment of Video Codecs for Video Streaming over 5G Networks. , 2020, , .		2
39	Federated Learning Algorithms: Towards Next Generation Communication Systems. , 2020, , .		2
40	An Efficient IoT System Respecting the GDPR. , 2020, , .		5
41	State-of-the-Art Technologies in RF Energy Harvesting Circuits â€“ A Review. , 2020, , .		6
42	Big Data against Security Threats: The SPEAR Intrusion Detection System. , 2020, , .		2
43	A Novel Design Approach for 5G Massive MIMO and NB-IoT Green Networks Using a Hybrid Jaya-Differential Evolution Algorithm. IEEE Access, 2019, 7, 105687-105700.	2.6	38
44	Radio Environment Maps for 5G Cognitive Radio Network. , 2019, , .		10
45	Application of New Hybrid Jaya Grey Wolf Optimizer to Antenna Design for 5G Communications Systems. IEEE Access, 2019, 7, 71061-71071.	2.6	31
46	Artificial Neural Network Optimal Modeling and Optimization of UAV Measurements for Mobile Communications Using the L-SHADE Algorithm. IEEE Transactions on Antennas and Propagation, 2019, 67, 4022-4031.	3.1	36
47	An Energy Efficient Scheme for IoT (EES4IoT). , 2019, , .		1
48	Evaluating Vibration Patterns in HTML5 for Smartphone Haptic Applications. , 2019, , .		2
49	Convolution Based Energy Detection Scheme for Cognitive Radio Systems. , 2019, , .		1
50	Multi-Objective Optimization of Massive MIMO 5G Wireless Networks towards Power Consumption, Uplink and Downlink Exposure. Applied Sciences (Switzerland), 2019, 9, 4974.	1.3	19
51	Advanced Media-Based Smart Big Data on Intelligent Cloud Systems. IEEE Transactions on Sustainable Computing, 2019, 4, 77-87.	2.2	91
52	Sustainable and Efficient Data Collection in Cognitive Radio Sensor Networks. IEEE Transactions on Sustainable Computing, 2019, 4, 29-38.	2.2	15
53	A Survey on Haptic Data Over 5G Networks. International Journal of Future Generation Communication and Networking, 2019, 12, 37-54.	0.7	21
54	Coordination Without Collaboration in Imperfect Games: The Primary User Emulation Attack Example. IEEE Access, 2018, 6, 5402-5414.	2.6	10

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55	Editorial Note: Emerging Multimedia Technology for Multimedia-centric IoT. Multimedia Tools and Applications, 2018, 77, 4543-4543.	2.6	1
56	Social networking data analysis tools & challenges. Future Generation Computer Systems, 2018, 86, 893-913.	4.9	93
57	Sequential Multiple LSB methods and real-time data hiding: variations for Visual Cryptography ciphers. Journal of Real-Time Image Processing, 2018, 14, 75-86.	2.2	7
58	An Efficient Algorithm for Media-based Surveillance System (EAMSuS) in IoT Smart City Framework. Future Generation Computer Systems, 2018, 83, 619-628.	4.9	257
59	Secure integration of IoT and Cloud Computing. Future Generation Computer Systems, 2018, 78, 964-975.	4.9	826
60	Transferring Wireless High Update Rate Supermedia Streams Over IoT. Studies in Computational Intelligence, 2018, , 93-103.	0.7	6
61	Context-aware block-based motion estimation algorithm for multimedia internet of things (IoT) platform. Personal and Ubiquitous Computing, 2018, 22, 163-172.	1.9	14
62	Efficient IoT-based sensor BIG Data collection& processing and analysis in smart buildings. Future Generation Computer Systems, 2018, 82, 349-357.	4.9	461
63	Novel Methodology for Designing Antenna Arrays with Reduced Number of Elements Based on Differential Evolution with Ranking-Based Mutation Operators. , 2018, , .		0
64	Interconnecting Haptic Interfaces with High Update Rates through the Internet. Applied System Innovation, 2018, 1, 51.	2.7	2
65	Softness Comparison of Stabilization Control in Remote Robot System with Force Feedback. , 2018, , .		3
66	Advances in Smart Content-Oriented Display Technology. Displays, 2018, 55, 1-2.	2.0	0
67	Guest Editorial: Recent Advances on Security and Privacy of Multimedia Big Data in the Critical Infrastructure. Multimedia Tools and Applications, 2018, 77, 31517-31524.	2.6	2
68	MIMO antenna selection using biogeography& based optimization with nonlinear migration models. International Journal of Communication Systems, 2018, 31, e3813.	1.6	4
69	Recent Advances in Mobile Cloud Computing. Wireless Communications and Mobile Computing, 2018, 2018, 1-1.	0.8	4
70	Caching hit probability and Compressive Sensing perspective for mobile cellular networks. Simulation Modelling Practice and Theory, 2018, 87, 92-98.	2.2	4
71	Security and privacy of big data for social networking services in cloud. , 2018, , .		13
72	SDN-based QoS provisioning and interference management in heterogeneous CRN. , 2018, , .		1

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73	A survey on spectrum sensing algorithms for cognitive radio networks. , 2018, , .		12
74	Defending against phishing attacks: taxonomy of methods, current issues and future directions. Telecommunication Systems, 2018, 67, 247-267.	1.6	158
75	Security, privacy & efficiency of sustainable Cloud Computing for Big Data & IoT. Sustainable Computing: Informatics and Systems, 2018, 19, 174-184.	1.6	149
76	Design Tactile Interfaces with Enhanced Depth Images With Patterns and Textures for Visually Impaired People. International Journal of Trend in Scientific Research and Development, 2018, Volume-3, 1174-1178.	0.0	3
77	Recent advances delivered by Mobile Cloud Computing and Internet of Things for Big Data applications: a survey. International Journal of Network Management, 2017, 27, e1930.	1.4	90
78	Real-time wireless multisensory smart surveillance with 3D-HEVC streams for internet-of-things (IoT). Journal of Supercomputing, 2017, 73, 1044-1062.	2.4	50
79	Special section on emerging multimedia technology for smart surveillance system with IoT environment. Journal of Supercomputing, 2017, 73, 923-925.	2.4	15
80	Design of efficient shape feature for object-based watermarking technology. Multimedia Tools and Applications, 2017, 76, 22741-22759.	2.6	3
81	Efficient and secure BIG data delivery in Cloud Computing. Multimedia Tools and Applications, 2017, 76, 22803-22822.	2.6	53
82	Algorithms for Big Data in Advanced Communication Systems and Cloud Computing. , 2017, , .		12
83	Efficient Large-scale Medical Data (eHealth Big Data) Analytics in Internet of Things. , 2017, , .		34
84	A broadcast protocol in Multi-Hop Cognitive Radio Ad Hoc Networks with guarantees. , 2017, , .		0
85	Architecture for security monitoring in IoT environments. , 2017, , .		27
86	Cognitive Radio Network and Network Service Chaining toward 5G: Challenges and Requirements. , 2017, 55, 145-151.		66
87	Solutions for inter-connectivity and security in a smart hospital building. , 2017, , .		11
88	Algorithms for Big Data Delivery over the Internet of Things. , 2017, , .		9
89	Performance evaluation of transport protocols for real-time supermedia " HEVC streams over the Internet. , 2017, , .		1
90	IoT-based surveillance system for ubiquitous healthcare. , 2016, , .		45

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91	Special issue on architectures and algorithms of high-efficiency video coding (HEVC) standard for real-time video applications. Journal of Real-Time Image Processing, 2016, 12, 215-218.	2.2	3
92	Real time Haptic data transferring. , 2016, , .		5
93	Encryption algorithm for efficient transmission of HEVC media. Journal of Real-Time Image Processing, 2016, 12, 473-482.	2.2	32
94	HEVC in wireless environments. Journal of Real-Time Image Processing, 2016, 12, 509-516.	2.2	36
95	Efficient algorithm for transferring a real-time HEVC stream with haptic data through the internet. Journal of Real-Time Image Processing, 2016, 12, 343-355.	2.2	33
96	Radio Resource Allocation on Complex 4G Wireless Cellular Networks. Journal of Physics: Conference Series, 2015, 633, 012004.	0.3	1
97	Convergence of Internet of things and mobile cloud computing. Systems Science and Control Engineering, 2014, 2, 476-483.	1.8	29
98	Influences of inter-stream synchronization errors among haptic media, sound, and video on quality of experience in networked ensemble. , 2013, , .		7
99	Adaptive layered Segment Algorithm for media delivery over 4G LTE wireless cellular networks. , 2013, , .		1
100	Evaluating transport and application layer protocols for haptic applications. , 2012, , .		14
101	Recent advances delivered by HTML 5 in mobile cloud computing applications. , 2012, , .		15
102	A Survey of Transport Protocols for Haptic Applications. , 2012, , .		12
103	Quality of Experience Assessment of Media Synchronization in Chorus among Multi-Points. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2012, 66, J114-J118.	0.0	1
104	QoE assessment of group synchronization in networked chorus with voice and video. , 2011, , .		10
105	Motion-based competitive spatio-temporal technique with multi-frames references for efficient H.264/AVC motion information prediction. , 2011, , .		0
106	Multiview Media Transmission Algorithm for Next Generation Networks. , 2010, , 483-487.		0
107	Ubiquitous Media Communication Algorithms. , 2010, , 397-401.		0
108	Efficient error resilient algorithm for H.264/AVC: mobility management in wireless video streaming. Telecommunication Systems, 2009, 41, 65-76.	1.6	25

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109	Group synchronization control considering difference of conversation roles. , 2009, , .		8
110	Efficient redundant frames encoding algorithm for streaming video over error prone wireless channels. IEICE Electronics Express, 2009, 6, 1497-1502.	0.3	19
111	Effects of Group Synchronization Control in Networked Virtual Environments with Avatars. , 2008, , .		5
112	Enhanced H.264/AVC stream switching over varying bandwidth networks. IEICE Electronics Express, 2008, 5, 827-832.	0.3	20
113	Efficient Flexible Macroblock Ordering Technique. IEICE Transactions on Communications, 2008, E91-B, 2692-2701.	0.4	22
114	Qos for wireless interactive multimedia streaming. , 2007, , .		8
115	<title>A quality comparison of preventive control schemes for media synchronization in voice and video communications</title>. , 2007, , .		2
116	<title>Error resilient interactive video streaming over wireless networks</title>. Proceedings of SPIE, 2007, , .	0.8	0
117	Impact of Video Coding on Delay and Jitter in 3G Wireless Video Multicast Services. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	1.5	29
118	MPEG-2 streaming of full interactive content. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 280-285.	5.6	29
119	A new methodology for implementing interactive operations of MPEG-2 compressed video. , 0, , .		1
120	Transmitting additional data of MPEG-2 compressed video to support interactive operations. , 0, , .		4
121	Induced voltages and currents on gas pipelines with imperfect coatings due to faults in a nearby transmission line. , 0, , .		7