

Konstantinos E Psannis

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7190969/publications.pdf>

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	Secure integration of IoT and Cloud Computing. Future Generation Computer Systems, 2018, 78, 964-975.	4.9	826
2	Efficient IoT-based sensor BIG Data collection& processing and analysis in smart buildings. Future Generation Computer Systems, 2018, 82, 349-357.	4.9	461
3	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
4	IoT-Based Big Data Secure Management in the Fog Over a 6G Wireless Network. IEEE Internet of Things Journal, 2021, 8, 5164-5171.	5.5	204
5	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
6	Defending against phishing attacks: taxonomy of methods, current issues and future directions. Telecommunication Systems, 2018, 67, 247-267.	1.6	158
7	Security, privacy & efficiency of sustainable Cloud Computing for Big Data & IoT. Sustainable Computing: Informatics and Systems, 2018, 19, 174-184.	1.6	149
8	Energy Efficiency in Smart Buildings: IoT Approaches. IEEE Access, 2020, 8, 63679-63699.	2.6	94
9	Social networking data analysis tools & challenges. Future Generation Computer Systems, 2018, 86, 893-913.	4.9	93
10	Advanced Media-Based Smart Big Data on Intelligent Cloud Systems. IEEE Transactions on Sustainable Computing, 2019, 4, 77-87.	2.2	91
11	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
12	A novel approach for phishing URLs detection using lexical based machine learning in a real-time environment. Computer Communications, 2021, 175, 47-57.	3.1	81
13	Cognitive Radio Network and Network Service Chaining toward 5G: Challenges and Requirements. , 2017, 55, 145-151.		66
14	InFeMo: Flexible Big Data Management Through a Federated Cloud System. ACM Transactions on Internet Technology, 2022, 22, 1-22.	3.0	57
15	Efficient and secure BIG data delivery in Cloud Computing. Multimedia Tools and Applications, 2017, 76, 22803-22822.	2.6	53
16	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
17	IoT-based surveillance system for ubiquitous healthcare. , 2016, , .		45
18	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

#	ARTICLE	IF	CITATIONS
19	HEVC in wireless environments. Journal of Real-Time Image Processing, 2016, 12, 509-516.	2.2	36
20	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
21	Efficient Large-scale Medical Data (eHealth Big Data) Analytics in Internet of Things. , 2017, , .		34
22	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
23	Encryption algorithm for efficient transmission of HEVC media. Journal of Real-Time Image Processing, 2016, 12, 473-482.	2.2	32
24	Application of New Hybrid Jaya Grey Wolf Optimizer to Antenna Design for 5G Communications Systems. IEEE Access, 2019, 7, 71061-71071.	2.6	31
25	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
26	MPEG-2 streaming of full interactive content. IEEE Transactions on Circuits and Systems for Video Technology, 2006, 16, 280-285.	5.6	29
27	Convergence of Internet of things and mobile cloud computing. Systems Science and Control Engineering, 2014, 2, 476-483.	1.8	29
28	Architecture for security monitoring in IoT environments. , 2017, , .		27
29	Efficient error resilient algorithm for H.264/AVC: mobility management in wireless video streaming. Telecommunication Systems, 2009, 41, 65-76.	1.6	25
30	Efficient Flexible Macroblock Ordering Technique. IEICE Transactions on Communications, 2008, E91-B, 2692-2701.	0.4	22
31	A Survey on Haptic Data Over 5G Networks. International Journal of Future Generation Communication and Networking, 2019, 12, 37-54.	0.7	21
32	Enhanced H.264/AVC stream switching over varying bandwidth networks. IEICE Electronics Express, 2008, 5, 827-832.	0.3	20
33	Efficient redundant frames encoding algorithm for streaming video over error prone wireless channels. IEICE Electronics Express, 2009, 6, 1497-1502.	0.3	19
34	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
35	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
36	Recent advances delivered by HTML 5 in mobile cloud computing applications. , 2012, , .		15

#	ARTICLE	IF	CITATIONS
37	Special section on emerging multimedia technology for smart surveillance system with IoT environment. <i>Journal of Supercomputing</i> , 2017, 73, 923-925.	2.4	15
38	Sustainable and Efficient Data Collection in Cognitive Radio Sensor Networks. <i>IEEE Transactions on Sustainable Computing</i> , 2019, 4, 29-38.	2.2	15
39	Evaluating transport and application layer protocols for haptic applications. , 2012, , .		14
40	Context-aware block-based motion estimation algorithm for multimedia internet of things (IoT) platform. <i>Personal and Ubiquitous Computing</i> , 2018, 22, 163-172.	1.9	14
41	Security and privacy of big data for social networking services in cloud. , 2018, , .		13
42	An Enhanced and Secure Cloud Infrastructure for e-Health Data Transmission. <i>Wireless Personal Communications</i> , 2021, 117, 109-127.	1.8	13
43	Exploitation of Emerging Technologies and Advanced Networks for a Smart Healthcare System. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 5859.	1.3	13
44	A Survey of Transport Protocols for Haptic Applications. , 2012, , .		12
45	Algorithms for Big Data in Advanced Communication Systems and Cloud Computing. , 2017, , .		12
46	A survey on spectrum sensing algorithms for cognitive radio networks. , 2018, , .		12
47	A Revolutionary Interactive Smart Classroom (RISC) with the Use of Emerging Technologies. , 2020, , .		12
48	Solutions for inter-connectivity and security in a smart hospital building. , 2017, , .		11
49	QoE assessment of group synchronization in networked chorus with voice and video. , 2011, , .		10
50	Coordination Without Collaboration in Imperfect Games: The Primary User Emulation Attack Example. <i>IEEE Access</i> , 2018, 6, 5402-5414.	2.6	10
51	Radio Environment Maps for 5G Cognitive Radio Network. , 2019, , .		10
52	GDPR Interference With Next Generation 5G and IoT Networks. <i>IEEE Access</i> , 2020, 8, 108052-108061.	2.6	9
53	Algorithms for Big Data Delivery over the Internet of Things. , 2017, , .		9
54	Qos for wireless interactive multimedia streaming. , 2007, , .		8

#	ARTICLE	IF	CITATIONS
55	Group synchronization control considering difference of conversation roles. , 2009, , .		8
56	Green Cloud Communication System for Big Data Management. , 2020, , .		8
57	3D Placement of Drone-Mounted Remote Radio Head for Minimum Transmission Power Under Connectivity Constraints. IEEE Access, 2020, 8, 200338-200350.	2.6	8
58	Induced voltages and currents on gas pipelines with imperfect coatings due to faults in a nearby transmission line. , 0, , .		7
59	Influences of inter-stream synchronization errors among haptic media, sound, and video on quality of experience in networked ensemble. , 2013, , .		7
60	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
61	AI Ethics: Algorithmic Determinism or Self-Determination? The GDPR Approach. IEEE Access, 2021, 9, 58455-58466.	2.6	7
62	Internet-of-Things-Enabled Infrastructure Against Infectious Diseases. IEEE Internet of Things Magazine, 2021, 4, 20-25.	2.0	7
63	Correlation-based wireless sensor networks performance: the compressed sensing paradigm. Cluster Computing, 2022, 25, 965-981.	3.5	7
64	Transferring Wireless High Update Rate Supermedia Streams Over IoT. Studies in Computational Intelligence, 2018, , 93-103.	0.7	6
65	State-of-the-Art Technologies in RF Energy Harvesting Circuits “ A Review. , 2020, , .		6
66	AI-enabled digital forgery analysis and crucial interactions monitoring in smart communities. Technological Forecasting and Social Change, 2022, 177, 121555.	6.2	6
67	NFV-Based Scheme for Effective Protection against Bot Attacks in AI-Enabled IoT. IEEE Internet of Things Magazine, 2022, 5, 91-95.	2.0	6
68	Effects of Group Synchronization Control in Networked Virtual Environments with Avatars. , 2008, , .		5
69	Real time Haptic data transferring. , 2016, , .		5
70	Comparison of Video Codecs Performance for Real-Time Transmission. , 2020, , .		5
71	Cross-Industry Process Standardization for Text Analytics. Big Data Research, 2022, 27, 100274.	2.6	5
72	An Efficient IoT System Respecting the GDPR. , 2020, , .		5

#	ARTICLE	IF	CITATIONS
73	IoT-based health and emotion care system. <i>ICT Express</i> , 2023, 9, 112-115.	3.3	5
74	UAV-Based Smart Surveillance System over a Wireless Sensor Network. <i>IEEE Communications Standards Magazine</i> , 2021, 5, 68-73.	3.6	5
75	Transmitting additional data of MPEG-2 compressed video to support interactive operations. , 0, , .		4
76	MIMO antenna selection using biogeography-based optimization with nonlinear migration models. <i>International Journal of Communication Systems</i> , 2018, 31, e3813.	1.6	4
77	Recent Advances in Mobile Cloud Computing. <i>Wireless Communications and Mobile Computing</i> , 2018, 2018, 1-1.	0.8	4
78	Caching hit probability and Compressive Sensing perspective for mobile cellular networks. <i>Simulation Modelling Practice and Theory</i> , 2018, 87, 92-98.	2.2	4
79	Survey on the Patent Law Awareness and the Entrepreneurial Trend of Greece's Graduates of Technology Institutes. <i>IEEE Access</i> , 2020, 8, 98057-98072.	2.6	4
80	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
81	Novel Design Framework for Dual-Band Frequency Selective Surfaces Using Multi-Variant Differential Evolution. <i>Mathematics</i> , 2021, 9, 2381.	1.1	4
82	Special issue on architectures and algorithms of high-efficiency video coding (HEVC) standard for real-time video applications. <i>Journal of Real-Time Image Processing</i> , 2016, 12, 215-218.	2.2	3
83	Design of efficient shape feature for object-based watermarking technology. <i>Multimedia Tools and Applications</i> , 2017, 76, 22741-22759.	2.6	3
84	Softness Comparison of Stabilization Control in Remote Robot System with Force Feedback. , 2018, , .		3
85	Design Tactile Interfaces with Enhanced Depth Images With Patterns and Textures for Visually Impaired People. <i>International Journal of Trend in Scientific Research and Development</i> , 2018, Volume-3, 1174-1178.	0.0	3
86	Differential Privacy Approach to Solve Gradient Leakage Attack in a Federated Machine Learning Environment. <i>Lecture Notes in Computer Science</i> , 2020, , 378-385.	1.0	3
87	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
88	<title>A quality comparison of preventive control schemes for media synchronization in voice and video communications</title>. , 2007, , .		2
89	Interconnecting Haptic Interfaces with High Update Rates through the Internet. <i>Applied System Innovation</i> , 2018, 1, 51.	2.7	2
90	Guest Editorial: Recent Advances on Security and Privacy of Multimedia Big Data in the Critical Infrastructure. <i>Multimedia Tools and Applications</i> , 2018, 77, 31517-31524.	2.6	2

#	ARTICLE	IF	CITATIONS
91	Evaluating Vibration Patterns in HTML5 for Smartphone Haptic Applications. , 2019, , .		2
92	Dual-Band Rectifier Design for Ambient RF Energy Harvesting. , 2020, , .		2
93	Mitigating Botnet based DDoS Attacks by Selecting Incentivized Cooperating ISPs for Risk Transfer. , 2021, , .		2
94	Big Data Preprocessing: An Application on Online Social Networks. Transactions on Computational Science and Computational Intelligence, 2020, , 49-78.	0.3	2
95	QoE Assessment of Video Codecs for Video Streaming over 5G Networks. , 2020, , .		2
96	Federated Learning Algorithms: Towards Next Generation Communication Systems. , 2020, , .		2
97	Big Data against Security Threats: The SPEAR Intrusion Detection System. , 2020, , .		2
98	Efficient Integration of XR with Haptic Feedback and 5G Networks. , 2021, , .		2
99	A new methodology for implementing interactive operations of MPEG-2 compressed video. , 0, , .		1
100	Adaptive layered Segment Algorithm for media delivery over 4G LTE wireless cellular networks. , 2013, , .		1
101	Radio Resource Allocation on Complex 4G Wireless Cellular Networks. Journal of Physics: Conference Series, 2015, 633, 012004.	0.3	1
102	Editorial Note: Emerging Multimedia Technology for Multimedia-centric IoT. Multimedia Tools and Applications, 2018, 77, 4543-4543.	2.6	1
103	SDN-based QoS provisioning and interference management in heterogeneous CRN. , 2018, , .		1
104	An Energy Efficient Scheme for IoT (EES4IoT). , 2019, , .		1
105	Convolution Based Energy Detection Scheme for Cognitive Radio Systems. , 2019, , .		1
106	Effect of QoS Control in Remote Master-Slave Robot Systems with Force Feedback. International Journal of Mechanical Engineering and Robotics Research, 2021, , 49-53.	0.7	1
107	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
108	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

#	ARTICLE	IF	CITATIONS
109	Performance evaluation of transport protocols for real-time supermedia " HEVC streams over the Internet. , 2017, , .		1
110	<title>Error resilient interactive video streaming over wireless networks</title>. Proceedings of SPIE, 2007, , .	0.8	0
111	Motion-based competitive spatio-temporal technique with multi-frames references for efficient H.264/AVC motion information prediction. , 2011, , .		0
112	A broadcast protocol in Multi-Hop Cognitive Radio Ad Hoc Networks with guarantees. , 2017, , .		0
113	Novel Methodology for Designing Antenna Arrays with Reduced Number of Elements Based on Differential Evolution with Ranking-Based Mutation Operators. , 2018, , .		0
114	Advances in Smart Content-Oriented Display Technology. Displays, 2018, 55, 1-2.	2.0	0
115	Taxonomy about the Stages of Performing Automated Decision-Making Processing under GDPR in the Light of 6G Networks. , 2020, , .		0
116	Communication between Human and Machines in the Era of Industry 4.0. , 2021, , 1-16.		0
117	Privacy Concerns and Trust Issues. , 2021, , 17-33.		0
118	Recent Advances Delivered in Mobile Cloud Computing's Security and Management Challenges. , 2021, , 35-57.		0
119	Multiview Media Transmission Algorithm for Next Generation Networks. , 2010, , 483-487.		0
120	Ubiquitous Media Communication Algorithms. , 2010, , 397-401.		0
121	Metadata Security Measures for Protecting Confidential Information on the Cloud. Lecture Notes in Computer Science, 2020, , 398-410.	1.0	0