Hwa-Young Jeong

List of Publications by Year
in descending order

74 papers	509 citations	759055 12 h-index	752573 20 g-index
80 all docs	80 docs citations	80 times ranked	523 citing authors

#	Article	IF	Citations
1	A secure authentication scheme with anonymity for session initiation protocol using elliptic curve cryptography. Multimedia Tools and Applications, 2015, 74, 3477-3488.	2.6	55
2	Personalized Learning Course Planner with E-learning DSS using user profile. Expert Systems With Applications, 2012, 39, 2567-2577.	4.4	36
3	RGB Color Model Based the Fire Detection Algorithm in Video Sequences on Wireless Sensor Network. International Journal of Distributed Sensor Networks, 2014, 10, 923609.	1.3	31
4	Improvement on LEACH protocol of a wide-area wireless sensor network. Multimedia Tools and Applications, 2017, 76, 19843-19860.	2.6	31
5	KDE based outlier detection on distributed data streams in multimedia network. Multimedia Tools and Applications, 2017, 76, 18027-18045.	2.6	28
6	Best Web Service Selection Based on the Decision Making Between QoS Criteria of Service. Lecture Notes in Computer Science, 2005, , 408-419.	1.0	27
7	The QoS-based MCDM system for SaaS ERP applications with Social Network. Journal of Supercomputing, 2013, 66, 614-632.	2.4	25
8	The quality model for e-learning system with multimedia contents: a pairwise comparison approach. Multimedia Tools and Applications, 2014, 73, 887-900.	2.6	25
9	A practical use of learning system using user preference in ubiquitous computing environment. Multimedia Tools and Applications, 2013, 64, 491-504.	2.6	24
10	Improving adaptive cluster head selection of teen protocol using fuzzy logic for WMSN. Multimedia Tools and Applications, 2017, 76, 18175-18190.	2.6	20
11	Quality evaluation for multimedia contents of e-learning systems using the ANP approach on high speed network. Multimedia Tools and Applications, 2019, 78, 28853-28875.	2.6	17
12	Cloud computing-based jam management for a manufacturing system in a Green IT environment. Journal of Supercomputing, 2014, 69, 1054-1067.	2.4	14
13	Quality evaluation and best service choice for cloud computing based on user preference and weights of attributes using the analytic network process. Electronic Commerce Research, 2014, 14, 245-270.	3.0	14
14	DS-ARP: A New Detection Scheme for ARP Spoofing Attacks Based on Routing Trace for Ubiquitous Environments. Scientific World Journal, The, 2014, 2014, 1-7.	0.8	11
15	G-Cloud Monitor: A Cloud Monitoring System for Factory Automation for Sustainable Green Computing. Sustainability, 2014, 6, 8510-8521.	1.6	11
16	A secure smart-work service model based OpenStack for Cloud computing. Cluster Computing, 2014, 17, 691-702.	3.5	10
17	A study on eye-tracking-based Interface for VR/AR education platform. Multimedia Tools and Applications, 2020, 79, 16719-16730.	2.6	8
18	The Cloud Storage Model for Manufacturing System in Global Factory Automation. , 2014, , .		7

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19	UX based adaptive e-learning hypermedia system (U-AEHS): an integrative user model approach. Multimedia Tools and Applications, 2016, 75, 13193-13209.	2.6	7
20	English course E-learning system based on relative item difficulty using web component composition. Multimedia Tools and Applications, 2012, 61, 225-241.	2.6	6
21	Relative weight evaluation of the factors inducing social media service use. Multimedia Tools and Applications, 2015, 74, 5041-5054.	2.6	6
22	Fast Fourier transform benchmark on X86 Xeon system for multimedia data processing. Multimedia Tools and Applications, 2017, 76, 6015-6030.	2.6	6
23	Growth analysis system for IT-based plant factory. Multimedia Tools and Applications, 2017, 76, 17785-17799.	2.6	6
24	A study of privacy problem solving using device and user authentication for M2M environments. Security and Communication Networks, 2013, , n/a-n/a.	1.0	5
25	A service composition model based on user experience in Ubi-cloud comp. Telecommunication Systems, 2016, 61, 897-907.	1.6	5
26	A retrieval algorithm for specific face images in airport surveillance multimedia videos on cloud computing platform. Multimedia Tools and Applications, 2017, 76, 17129-17143.	2.6	5
27	Multi criteria based personalized recommendation service using analytical hierarchy process for airbnb. Journal of Supercomputing, 2021, 77, 13224-13242.	2.4	5
28	A Service Based Adaptive U-Learning System Using UX. Scientific World Journal, The, 2014, 2014, 1-9.	0.8	4
29	ANP-based quantification method for the smart manufacturing system design decomposition. Journal of Supercomputing, 2020, 76, 6141-6157.	2.4	4
30	An ANP-Based Practical Quality Model for a Secure Embedded System with Sensor Network. International Journal of Distributed Sensor Networks, 2014, 10, 505242.	1.3	4
31	User tailored cloud-learning system using SNS and learning resources. Multimedia Tools and Applications, 2015, 74, 5073-5084.	2.6	3
32	Finding an appropriate lexical diversity measurement for a small-sized corpus and its application to a comparative study of L2 learners' writings. Multimedia Tools and Applications, 2016, 75, 13015-13022.	2.6	3
33	Study of Generating Animated Character Using the Face Pattern Recognition. Lecture Notes in Electrical Engineering, 2011, , 127-133.	0.3	3
34	ACME-Based Connector Interface Considering Component Important Factor. , 2005, , .		2
35	A Management of Resource Ontology for Cloud Computing. Communications in Computer and Information Science, 2011, , 65-72.	0.4	2
36	A service component based CAT system with SCORM for advanced learning effects. Multimedia Tools and Applications, 2013, 63, 217-226.	2.6	2

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37	A QoS Model for a RFID Enabled Application with Next-Generation Sensors for Manufacturing Systems. International Journal of Distributed Sensor Networks, 2013, 9, 829691.	1.3	2
38	Easy and Secure Authentication Method Using PMI. Applied Mechanics and Materials, 0, 281, 86-89.	0.2	2
39	Adaptive mechanism for schedule arrangement and optimization in socially-empowered professional sports games. Multimedia Tools and Applications, 2015, 74, 5085-5108.	2.6	2
40	Relative weight comparison between virtual key factors of cloud computing with analytic network process. Journal of Supercomputing, 2016, 72, 1694-1714.	2.4	2
41	Implement of an automated unmanned recording system for tracking objects on mobile phones by image processing method. Multimedia Tools and Applications, 2020, , 1.	2.6	2
42	Development and implementation of an operation efficiency management system using the UPH according to operation start time. , 0, , .		1
43	A Study on the Improvement of Interoperability in Rok C4I System for Future Warfare. Lecture Notes in Electrical Engineering, 2012, , 805-812.	0.3	1
44	Service Based User Oriented Adaptive Learning System. , 2013, , .		1
45	REST-MapReduce: An Integrated Interface but Differentiated Service. Journal of Applied Mathematics, 2014, 2014, 1-10.	0.4	1
46	Numeric Analysis for Relationship-Aware Scalable Streaming Scheme. Journal of Applied Mathematics, 2014, 2014, 1-12.	0.4	1
47	Cloud computing for mobile environments. Concurrency Computation Practice and Experience, 2016, 28, 2753-2755.	1.4	1
48	RFID-based scale model freight car system allowing realtime quantity checking. Multimedia Tools and Applications, 2017, 76, 5985-6002.	2.6	1
49	Quality measurement system for a wireless network based on the multimedia-data service. Multimedia Tools and Applications, 2017, 76, 19795-19807.	2.6	1
50	Implementation of quality coverage map system via wireless communication service and big data analysis. Multimedia Tools and Applications, 2017, 76, 17353-17370.	2.6	1
51	A priority for WSN in ubiquitous environment: multimedia security requirements. Multimedia Tools and Applications, 2017, 76, 20027-20047.	2.6	1
52	A study on the control of smart device set-top box using image based reverse mirroring technology. Multimedia Tools and Applications, 2019, 78, 5523-5534.	2.6	1
53	A study on VAL platform for 5G network for large-capacity data transmission. Journal of Supercomputing, 2021, 77, 10791-10803.	2.4	1
54	An Empirical Study for the Change of Software Lecture in General Education by COVID-19. The Journal of Korean Institute of Information Technology, 2021, 19, 119-124.	0.1	1

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55	Priority Processing in the Web Service-Workflow Architecture. Lecture Notes in Computer Science, 2005, , 798-803.	1.0	1
56	Component Based E-Learning System Using Item Analysis. Lecture Notes in Computer Science, 2006, , 326-329.	1.0	1
57	A New Approach to Digital Assets Management System after Death of a User. Lecture Notes in Electrical Engineering, 2012, , 547-555.	0.3	1
58	The component based remote management system for the FA machine via the internet. , 2007, , .		0
59	Approach of Security Services on Smart-Phone Using Homomorphism. Applied Mechanics and Materials, 2012, 197, 624-627.	0.2	0
60	Petri-Net Based User Profile Data Ontology for SNS. , 2013, , .		0
61	The Practical Quality Model for Embedded System and Software. , 2013, , .		0
62	Ubiquitous Context-Awareness and Wireless Sensor Networks. International Journal of Distributed Sensor Networks, 2014, 10, 614023.	1.3	0
63	Service based AEHS for human centric learning environments. Journal of Ambient Intelligence and Smart Environments, 2015, 7, 231-242.	0.8	0
64	A study on the impact of the software developer's social exclusion on the quality information system. Multimedia Tools and Applications, 2017, 76, 6003-6014.	2.6	0
65	Design of mVoIP service based authentication system. Multimedia Tools and Applications, 2017, 76, 17985-18000.	2.6	0
66	Success Factor for Autonomous Vehicle. Lecture Notes in Electrical Engineering, 2019, , 584-587.	0.3	0
67	A Connector Interaction for Software Component Composition with Message Central Processing. Lecture Notes in Computer Science, 2005, , 1173-1178.	1.0	0
68	The Implementation of Component Based Web Courseware in Middleware Systems. Lecture Notes in Computer Science, 2005, , 1108-1118.	1.0	0
69	A Personalization Recommendation Service Using Service Delivery Platform in IMS Networks. Communications in Computer and Information Science, 2009, , 579-585.	0.4	0
70	A Study on Model Transformation Mechanism Using Graph Comparison Algorithms and Software Model Property Information. Communications in Computer and Information Science, 2011, , 256-264.	0.4	0
71	Mutual Authenticate Protocol Among Sensors in the Military Operation Environment. Sensor Letters, 2013, 11, 352-355.	0.4	0
72	Rhythm-Based Authentication Scheme on Smart Devices. Lecture Notes in Electrical Engineering, 2014, , 313-319.	0.3	0

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73	A Special Section on Advanced Science and Information Technology. Advanced Science Letters, 2016, 22, 3191-3192.	0.2	0
74	Relationship between Course Evaluations and Learning Achievement for the Software Lecture in General Education. Journal of Advanced Information Technology and Convergence, 2020, 10, 103-110.	0.4	0