Youakim M Badr

List of Publications by Year
in descending order

89 papers	1,260 citations	687363 13 h-index	477307 29 g-index
93 all docs	93 docs citations	93 times ranked	1216 citing authors

#	Article	IF	Citations
1	Internet of Medical Things: A Review of Recent Contributions Dealing With Cyber-Physical Systems in Medicine. IEEE Internet of Things Journal, 2018, 5, 3810-3822.	8.7	267
2	Identity Management Systems for the Internet of Things: A Survey Towards Blockchain Solutions. Sensors, 2018, 18, 4215.	3.8	98
3	Configuring a Trusted Cloud Service Model for Smart City Exploration Using Hybrid Intelligence. International Journal of Ambient Computing and Intelligence, 2017, 8, 1-21.	1.1	69
4	LinkedWS: A novel Web services discovery model based on the Metaphor of â€œsocial networksâ€. Simulation Modelling Practice and Theory, 2011, 19, 121-132.	3.8	68
5	Using Social Networks for Web Services Discovery. IEEE Internet Computing, 2011, 15, 48-54.	3.3	65
6	Lung cancer survival period prediction and understanding: Deep learning approaches. International Journal of Medical Informatics, 2021, 148, 104371.	3.3	58
7	Digital ecosystems. , 2012, , .		55
8	Enhancing web service selection by QoS-based ontology and WS-policy. , 2008, , .		48
9	Energy-efficient heating control for smart buildings with deep reinforcement learning. Journal of Building Engineering, 2021, 34, 101739.	3.4	48
10	Enhancing Web Service Selection by User Preferences of Non-functional Features. , 2008, , .		40
11	A Survey on Blockchain-Based Identity Management Systems for the Internet of Things. , 2018, , .		39
12	Autonomic Identity Framework for the Internet of Things. , 2017, , .		35
13	Resilient and Trustworthy Dynamic Data-driven Application Systems (DDDAS) Services for Crisis Management Environments. Procedia Computer Science, 2015, 51, 2623-2637.	2.0	25
14	Towards a Unified Approach for Business Process Modeling Using Context-Based Artifacts and Web Services. , 2009, , .		15
15	Fog Computing Security Architecture for the Internet of Things Using Blockchain-Based Social Networks. , 2018, , .		15
16	Hybrid Evolutionary Algorithm for Solving Global Optimization Problems. Lecture Notes in Computer Science, 2009, , 310-318.	1.3	15
17	Economic Load Dispatch Using a Chemotactic Differential Evolution Algorithm. Lecture Notes in Computer Science, 2009, , 252-260.	1.3	14
18	The Integration of Corporate Security Strategies in Collaborative Business Processes. IEEE Transactions on Services Computing, 2011, 4, 243-254.	4.6	14

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19	Towards lean service bus architecture for industrial integration infrastructure and pull manufacturing strategies. Journal of Intelligent Manufacturing, 2012, 23, 125-139.	7.3	14
20	Analysis of the pen pressure and grip force signal during basic drawing tasks: The timing and speed changes impact drawing characteristics. Computers in Biology and Medicine, 2017, 87, 124-131.	7.0	14
21	Automatic Clustering Using a Synergy of Genetic Algorithm and Multi-objective Differential Evolution. Lecture Notes in Computer Science, 2009, , 177-186.	1.3	13
22	Towards a framework for weaving social networks principles into web services discovery. , 2011, , .		13
23	A security policy framework for context-aware and user preferences in e-services. Journal of Systems Architecture, 2009, 55, 275-288.	4.3	12
24	Even Web Services Can Socialize: A New Service-Oriented Social Networking Model. , 2009, , .		11
25	Integrating physical and social sensing to enable smart city mobility services. , 2016, , .		11
26	Hybrid Group Recommendation Using Modified Termite Colony Algorithm: A Context Towards Big Data. Journal of Information and Knowledge Management, 2018, 17, 1850019.	1.1	9
27	Software-as-a-Service and Versionology: Towards Innovative Service Differentiation. , 2010, , .		8
28	Service farming. , 2013, , .		8
29	Risk management and security in service-based architectures. , 2009, , .		7
30	Social networks as a service in modern enterprises. , 2009, , .		7
31	Towards a new-digital learning ecosystem based on autonomic Web services. , 2010, , .		7
32	Timeâ€toâ€event prediction using survival analysis methods for Alzheimer's disease progression. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2021, 7, e12229.	3.7	7
33	Guest Editorial: Special Section on Transactional Web Services. IEEE Transactions on Services Computing, 2010, 3, 30-31.	4.6	6
34	Managing End-to-End Security Risks with Fuzzy Logic in Service-Oriented Architectures. , 2013, , .		6
35	Open source cloud management platforms and hypervisor technologies: A review and comparison. , 2016, , .		6
36	Enabling Risk Management for Smart Infrastructures with an Anomaly Behavior Analysis Intrusion Detection System. , 2017, , .		6

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37	A multi-swarm approach for neighbor selection in peer-to-peer networks. , 2008, , .		5
38	Predictive modeling of the severity/progression of alzheimer's diseases. , 2017, , .		5
39	QoS-Driven Self-adaptation for Critical IoT-Based Systems. Lecture Notes in Computer Science, 2018, , 93-105.	1.3	5
40	Security and privacy in the Internet of Things: threats and challenges. Service Oriented Computing and Applications, 2021, 15, 257-271.	1.6	5
41	Business Artifacts Discovery and Modeling. Lecture Notes in Computer Science, 2010, , 542-550.	1.3	5
42	Autonomic service-oriented grid to enhance E-learning experiences. , 2009, , .		4
43	A generic service system for knowledge-intensive service firms. , 2009, , .		4
44	Towards integrating security services in e-learning platforms. , 2009, , .		4
45	Realizing a Social Ecosystem of Web Services. , 2014, , 455-473.		4
46	Smart and safe selfâ€adaption of connected devices based on discrete controllers. IET Software, 2019, 13, 49-59.	2.1	4
47	Improving Web Service Composition with User Requirement Transformation and Capability Model. Lecture Notes in Computer Science, 2013, , 300-307.	1.3	4
48	Business Artifacts for E-Business Interoperability. Advances in E-Business Research Series, 2011, , 15-36.	0.4	4
49	Building IoT-Enabled Wearable Medical Devices: An Application to a Wearable, Multiparametric, Cardiorespiratory Sensor. , 2018, , .		4
50	Software versioning and evolution in digital ecosystems. , 2010, , .		3
51	A Dynamic Representation Model for Service Systems. , 2010, , .		3
52	Securing Collaborative Business Processes: A Methodology for Security Management in Service-Based Infrastructure. International Federation for Information Processing, 2012, , 480-487.	0.4	3
53	Towards a Capability Model for Web Service Composition. , 2013, , .		3
54	AQL: A Declarative Artifact Query Language. Lecture Notes in Computer Science, 2016, , 119-133.	1.3	3

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55	A Multi-dimensional Service Chain Ecosystem Model. International Federation for Information Processing, 2010, , 563-570.	0.4	3
56	Multi-level Social Networking to Enable and Foster Collaborative Organizations. International Federation for Information Processing, 2011, , 3-10.	0.4	3
57	A Big Data based Smart Evaluation System using Public Opinion Aggregation. , 2016, , .		3
58	A quantitative and qualitative approach to manage risks in the supply chain operations reference. , 2007, , .		2
59	Business Artifact Modeling: A Framework for Business Artifacts in Traditional Database Systems. , 2014, , .		2
60	A Continuous Query Language for Stream-Based Artifacts. Lecture Notes in Computer Science, 2017, , 80-89.	1.3	2
61	Verifiable and Resource-Aware Component Model for IoT Devices. , 2017, , .		2
62	Evaluation of a real-time low-power cardiorespiratory sensor for the IoT. , 2018, 2018, 5382-5385.		2
63	Digital Ecosystems for Business e-Services in Knowledge-Intensive Firms. Lecture Notes in Computer Science, 2012, , 16-31.	1.3	2
64	Enabling intrusion detection systems with dueling double deep Q-learning. , 2022, 1, 115-141.		2
65	Conception and Development of Workflow Engine Based on Service Oriented Architecture. , 2007, , .		1
66	A Takagi-Sugeno Fuzzy Model of a Rudimentary Angle Controller for Artillery Fire. , 2009, , .		1
67	An Enhanced Fuzzy-Genetic Algorithm to Solve Satisfiability Problems. , 2009, , .		1
68	Correction to â€œThe Integration of Corporate Security Strategies in Collaborative Business Processesâ€• IEEE Transactions on Services Computing, 2012, 5, 144-144.	4.6	1
69	On the integration of artifact lifecycles. , 2015, , .		1
70	Choquet-based multi-criteria decision making with objective and subjective information. Journal of Intelligent and Fuzzy Systems, 2016, 30, 773-781.	1.4	1
71	Hybrid controller synthesis for the IoT. , 2018, , .		1
72	Automatic Image Description Based on Textual Data. Lecture Notes in Computer Science, 2006, , 196-218.	1.3	1

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73	Collaborative Business and Enterprise Urbanization. International Journal of Enterprise Information Systems, 2009, 5, 9-31.	1.0	1
74	Prediction of Success in Crowdfunding Platforms. , 2020, , .		1
75	Special track on Web Technologies. , 2008, , .		0
76	Organization of Contextual Enterprise-Service Bus. , 2008, , .		0
77	Extended BPEL with heterogeneous authentication mechanisms in service ecosystems. , 2009, , .		0
78	E-profile-based security for critical transactions in web applications. , 2009, , .		0
79	Towards a Resource-Driven Modelling Paradigm in Collaborative and Service-Oriented Enterprises. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2009, 42, 1631-1636.	0.4	0
80	Special session 2 - e-learning ecosystems. , 2010, , .		0
81	Resilient Dynamic Data Driven Application Systems as a Service (rDaaS): A Design Overview. , 2017, , .		0
82	Hypergraph of Services for Business Interconnectivity and Collaboration. International Federation for Information Processing, 2010, , 571-578.	0.4	0
83	Analyzing Tweet Cluster Using Standard Fuzzy C Means Clustering. Studies in Computational Intelligence, 2014, , 377-406.	0.9	0
84	Fusion Trust Service Assessment for Crisis Management Environments. , 2016, , 389-420.		0
85	Configuring a Trusted Cloud Service Model for Smart City Exploration Using Hybrid Intelligence. , 2018, , 337-359.		0
86	Configuring a Trusted Cloud Service Model for Smart City Exploration Using Hybrid Intelligence. , 2019, , 847-869.		0
87	Business Artifacts for E-Business Interoperability. , 0, , 670-690.		0
88	Building Global Workflow From The Scratch. , 2008, , 373-381.		0
89	Coronavirus Genome Sequence Similarity and Protein Sequence Classification. Journal of Digital Science, 2021, 3, 3-18.	0.7	0