Faiez Gargouri

List of Publications by Year
in descending order

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95 papers	3,288 citations	516710 16 h-index	182427 51 g-index
107 all docs	107 docs citations	107 times ranked	4797 citing authors

#	Article	IF	Citations
1	Effects of COVID-19 Home Confinement on Eating Behaviour and Physical Activity: Results of the ECLB-COVID19 International Online Survey. Nutrients, 2020, 12, 1583.	4.1	1,414
2	COVID-19 Home Confinement Negatively Impacts Social Participation and Life Satisfaction: A Worldwide Multicenter Study. International Journal of Environmental Research and Public Health, 2020, 17, 6237.	2.6	301
3	Effects of home confinement on mental health and lifestyle behaviours during the COVID-19 outbreak: Insight from the ECLB-COVID19 multicenter study. Biology of Sport, 2021, 38, 9-21.	3.2	255
4	Psychological consequences of COVID-19 home confinement: The ECLB-COVID19 multicenter study. PLoS ONE, 2020, 15, e0240204.	2.5	214
5	Globally altered sleep patterns and physical activity levels by confinement in 5056 individuals: ECLB COVID-19 international online survey. Biology of Sport, 2021, 38, 495-506.	3.2	124
6	Sleep Quality and Physical Activity as Predictors of Mental Wellbeing Variance in Older Adults during COVID-19 Lockdown: ECLB COVID-19 International Online Survey. International Journal of Environmental Research and Public Health, 2021, 18, 4329.	2.6	100
7	Semantic Web Technologies for the Internet of Things: Systematic Literature Review. Internet of Things (Netherlands), 2020, 11, 100206.	7.7	60
8	Improving algorithms for structure learning in Bayesian Networks using a new implicit score. Expert Systems With Applications, 2010, 37, 5470-5475.	7.6	49
9	Automatic Transformation of Data Warehouse Schema to NoSQL Data Base: Comparative Study. Procedia Computer Science, 2016, 96, 255-264.	2.0	41
10	Big Data Integration: A MongoDB Database and Modular Ontologies based Approach. Procedia Computer Science, 2016, 96, 446-455.	2.0	33
11	Hybrid continuous speech recognition systems by HMM, MLP and SVM: a comparative study. International Journal of Speech Technology, 2014, 17, 223-233.	2.2	30
12	Cloud SLA Modeling and Monitoring. , 2017, , .		27
13	Ontology-based system for patient monitoring with connected objects. Procedia Computer Science, 2017, 112, 683-692.	2.0	26
14	MongoDB-Based Modular Ontology Building for Big Data Integration. Journal on Data Semantics, 2018, 7, 1-27.	2.0	21
15	Approach and tool to evolve ontology and maintain its coherence. International Journal of Metadata, Semantics and Ontologies, 2010, 5, 151.	0.2	18
16	Group extraction from professional social network using a new semi-supervised hierarchical clustering. Knowledge and Information Systems, 2014, 40, 29-47.	3.2	18
17	MEMO GRAPH: An Ontology Visualization Tool for Everyone. Procedia Computer Science, 2016, 96, 265-274.	2.0	16
18	Semantic Web Technologies in Cloud Computing: A Systematic Literature Review. , 2016, , .		16

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19	Choosing a Sensitive Business Process Modeling Formalism for Knowledge Identification. Procedia Computer Science, 2016, 100, 1002-1015.	2.0	15
20	HealthIoT Ontology for Data Semantic Representation and Interpretation Obtained from Medical Connected Objects. , 2017, , .		15
21	Ontology-Based Approach for Liver Cancer Diagnosis and Treatment. Journal of Digital Imaging, 2019, 32, 116-130.	2.9	15
22	Learning ontology from Big Data through MongoDB database. , 2015, , .		14
23	BigDimETL with NoSQL Database. Procedia Computer Science, 2018, 126, 798-807.	2.0	14
24	Design a Data Warehouse Schema from Document-Oriented database. Procedia Computer Science, 2019, 159, 221-230.	2.0	14
25	On semantic detection of cloud API (anti)patterns. Information and Software Technology, 2019, 107, 65-82.	4.4	14
26	Towards Extract-Transform-Load Operations in a Big Data context. International Journal of Sociotechnology and Knowledge Development, 2020, 12, 77-95.	1.0	13
27	A semanticâ€enabled and contextâ€aware monitoring system for the internet of medical things. Expert Systems, 2021, 38, e12629.	4.5	13
28	A Core Ontology of Business Processes Based on DOLCE. Journal on Data Semantics, 2016, 5, 165-177.	2.0	12
29	A Multi-criteria Evaluation Approach for Selecting a Sensitive Business Process Modeling Language for Knowledge Management. Journal on Data Semantics, 2019, 8, 157-202.	2.0	12
30	Content-based image retrieval system using neural network. , 2014, , .		11
31	User interface design patterns and ontology models for adaptive mobile applications. Personal and Ubiquitous Computing, 2022, 26, 1395-1411.	2.8	10
32	Using core ontologies for extending sensitive business process modeling with the knowledge perspective. , 2017, , .		9
33	BPMN4KM: Design and Implementation of a BPMN Extension for Modeling the Knowledge Perspective of Sensitive Business Processes. Procedia Computer Science, 2017, 121, 1119-1134.	2.0	9
34	Ontology Visualization: An Overview. Advances in Intelligent Systems and Computing, 2018, , 880-891.	0.6	9
35	M2Onto: An Approach and a Tool to Learn OWL Ontology from MongoDB Database. Advances in Intelligent Systems and Computing, 2017, , 612-621.	0.6	8
36	Ontologies for Liver Diseases Representation: A Systematic Literature Review. Journal of Digital Imaging, 2020, 33, 563-573.	2.9	8

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37	Towards Extending Business Process Modeling Formalisms with Information and Knowledge Dimensions. Lecture Notes in Computer Science, 2017, , 407-425.	1.3	8
38	A Framework for Data-Driven Workflow Management: Modeling, Verification and Execution. Lecture Notes in Computer Science, 2013, , 239-253.	1.3	7
39	A data-centric approach to manage business processes. Computing (Vienna/New York), 2016, 98, 375-406.	4.8	7
40	The Urbanized Bid Process Information System. Procedia Computer Science, 2017, 112, 874-885.	2.0	7
41	CrimAr: A Criminal Arabic Ontology for a Benchmark Based Evaluation. Procedia Computer Science, 2017, 112, 653-662.	2.0	7
42	Visualizing Large-scale Linked Data with Memo Graph. Procedia Computer Science, 2017, 112, 854-863.	2.0	7
43	Modeling Dynamic Aspects of Sensitive Business Processes for Knowledge Localization. Procedia Computer Science, 2017, 112, 731-740.	2.0	7
44	Cloud SLA Terms Analysis Based On Ontology. Procedia Computer Science, 2018, 126, 292-301.	2.0	7
45	Ontology-based representation and reasoning about precise and imprecise temporal data: A fuzzy-based view. Data and Knowledge Engineering, 2019, 124, 101719.	3.4	7
46	Approach to Reasoning about Uncertain Temporal Data in OWL 2. Procedia Computer Science, 2020, 176, 1141-1150.	2.0	7
47	A Proposal to Model Knowledge Dimension in Sensitive Business Processes. Advances in Intelligent Systems and Computing, 2017, , 1015-1030.	0.6	7
48	Sensitive Business Processes Representation: A Multi-dimensional Comparative Analysis of Business Process Modeling Formalisms. Lecture Notes in Business Information Processing, 2017, , 83-118.	1.0	7
49	Graph NoSQL Data Warehouse Creation. , 2020, , .		7
50	Towards identifying sensitive processes for knowledge localization. , 2011, , .		6
51	A decision support system for identifying sensitive organizationâ€™s processes. Journal of Decision Systems, 2012, 21, 275-290.	3.2	6
52	COOP: A core ontology of organizationâ€™s processes for group decision making. Journal of Decision Systems, 2014, 23, 55-68.	3.2	6
53	A survey on description and modeling of audiovisual documents. Multimedia Tools and Applications, 2020, 79, 33519-33546.	3.9	6
54	A new semi-supervised hierarchical active clustering based on ranking constraints for analysts groupization. Applied Intelligence, 2013, 39, 236-250.	5.3	5

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55	Sensitive Business Process Modeling for Knowledge Management. Lecture Notes in Computer Science, 2015, , 36-46.	1.3	5
56	Ontology-Based SLA Negotiation and Re-Negotiation for Cloud Computing. , 2017, , .		5
57	A BPMN Extension for Integrating Knowledge Dimension in Sensitive Business Process Models. Lecture Notes in Business Information Processing, 2017, , 559-578.	1.0	5
58	Specification for the cooperative dimension of the Bid Process Information System. Procedia Computer Science, 2017, 121, 1023-1033.	2.0	5
59	Specification of the data warehouse for the decision-making dimension of the Bid Process Information System. Procedia Computer Science, 2019, 159, 1190-1197.	2.0	5
60	Knowledge Engineering for Business Process Modeling. , 2017, , .		5
61	$mathcal{SHACUN}$: Semi-supervised Hierarchical Active Clustering Based on Ranking Constraints. Lecture Notes in Computer Science, 2012, , 194-208.	1.3	4
62	Implementation of a Data-driven Workflow Management System. , 2012, , .		4
63	A decision support system for identifying and representing likely crucial organizational know-how and knowing that. Journal of Decision Systems, 2014, 23, 266-284.	3.2	4
64	From user generated content to social data warehouse: processes, operations and data modelling. International Journal of Web Engineering and Technology, 2019, 14, 203.	0.2	4
65	A Business Process Meta-Model for Knowledge Identification Based on a Core Ontology. Lecture Notes in Business Information Processing, 2016, , 37-61.	1.0	4
66	SMART: Semantic multidimensional group recommendations. Multimedia Tools and Applications, 2015, 74, 10419-10437.	3.9	3
67	MEMO_Calendring: A smart reminder for Alzheimer's disease patients. , 2017, , .		3
68	Comparative Analysis of Contemporary Modeling Languages Based on BPM4KI Meta-Model for Sensitive Business Processes Representation. International Journal of Enterprise Information Systems, 2018, 14, 41-78.	1.0	3
69	A Hybrid Recommender System for HCI Design Pattern Recommendations. Applied Sciences (Switzerland), 2021, 11, 10776.	2.5	3
70	Towards a generic model for object-oriented information system modelling. Journal of Intelligent Manufacturing, 1997, 8, 31-39.	7.3	2
71	Datalog-based framework for efficient query answering over fuzzy ontologies. International Journal of Metadata, Semantics and Ontologies, 2013, 8, 191.	0.2	2
72	Towards an Arabic legal ontology based on documents properties extraction. , 2015, , .		2

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73	Structure based modular ontologies composition. , 2016, , .		2
74	A new vector space model for image retrieval. Procedia Computer Science, 2017, 112, 771-779.	2.0	2
75	Modular Ontologies Composition. International Journal of Information Technology and Web Engineering, 2018, 13, 35-60.	1.6	2
76	A Meta-modeling Approach to Create a Multidimensional Business Knowledge Model Based on BPMN. Advances in Intelligent Systems and Computing, 2018, , 806-815.	0.6	2
77	An Ontological Model for Analyzing Liver Cancer Medical Reports. Lecture Notes in Business Information Processing, 2019, , 369-382.	1.0	2
78	Content-based Image Retrieval System with Relevance Feedback. , 2015, , .		2
79	A Novel Deep Learning Approach for Liver MRI Classification and HCC Detection. Lecture Notes in Computer Science, 2020, , 635-645.	1.3	2
80	Graphical models for the recognition of Arabic continuous speech based triphones modeling. , 2015, , .		1
81	A Core Ontology of Know-How and Knowing-That for improving knowledge sharing and decision making in the digital age. Journal of Decision Systems, 0, , 1-14.	3.2	1
82	OWLS-LO: extending OWL-S to support learning object. International Journal of Metadata, Semantics and Ontologies, 2016, 11, 61.	0.2	1
83	MBOPS: Towards A Multidimensional Business Ontology based-Premodeling System. Procedia Computer Science, 2019, 159, 774-783.	2.0	1
84	Complex-Event Processing for diabetic patients in the Internet of Medical Things: Semantic-based Approach. , 2019, , .		1
85	Existing Business Process Models for Model Construction of Multidimensional Business Knowledge: An MDA-Based Transformation Methodology. New Generation Computing, 2020, 38, 477-508.	3.3	1
86	Different aspects of query rewriting for fuzzy OWL2EL. , 2015, , .		0
87	Preface to the Fifth French-Speaking Conference on Ontologies. Journal on Data Semantics, 2016, 5, 115-116.	2.0	0
88	Managing Modular Ontology Evolution Under Big Data Integration. Lecture Notes in Business Information Processing, 2017, , 17-28.	1.0	0
89	Characteristics of the decision-making dimension of the BPIS. Procedia Computer Science, 2019, 164, 285-291.	2.0	0
90	Handling Uncertain Time Intervals in OWL 2: Possibility Vs Probability Theories-based Approaches. , 2021, , .		0

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91	Bridging the Gap Between Business and Technical Infrastructures of Enterprise Information Systems: Addressing the â€œVertical Fitâ€•Problems. Lecture Notes in Business Information Processing, 2020, , 309-319.	1.0	0
92	Ontology-Driven Approach for Liver MRI Classification and HCC Detection. International Journal of Pattern Recognition and Artificial Intelligence, 2021, 35, .	1.2	0
93	Towards data warehouse from open data: Case of COVID-19. International Journal of Hybrid Intelligent Systems, 2021, , 1-14.	1.2	0
94	Semiotic and Thematic Process for Audiovisual Documents Description. International Journal of Intelligent Information Technologies, 2022, 18, 1-24.	0.8	0
95	Managing vulnerabilities during the development of a secure ETL processes. International Journal of Information and Computer Security, 2022, 18, 75.	0.2	0