Rafik Bouaziz

List of Publications by Year in Descending Order

93 papers	312 citations	8 h-index	12 g-index
121 ext. papers	394 ext. citations	1.1 avg, IF	3.66 L-index

#	Paper	IF	Citations
93	JUpdate: A JSON Update Language. *Electronics (Switzerland)*, **2022**, 11, 508	2.6	3
92	An Intelligent and Efficient Safe Driving System. *Lecture Notes in Networks and Systems*, **2022**, 181-193	0.5	
91	Implicit JSON Schema Versioning Triggered by Temporal Updates to JSON-Based Big Data in the τJSchema Framework. *Lecture Notes in Networks and Systems*, **2022**, 32-47	0.5	
90	Versioning schemas of JSON-based conventional and temporal big data through high-level operations in the τJSchema framework. *International Journal of Cloud Computing*, **2021**, 10, 442	1	3
89	Node placement optimization using particle swarm optimization and iterated local search algorithm in wireless sensor networks. *International Journal of Communication Systems*, **2021**, 34, e4813	1.7	2
88	Cooperative Advanced Driver Assistance Systems: A Survey and Recent Trends. *Advances in Intelligent Systems and Computing*, **2021**, 160-170	0.4	1
87	A Version and Context-Based Approach to Easily Model Flexible Collaborative Processes **2021**, 18-45		
86	A Graphical Conceptual Model for Conventional and Time-varying JSON Data. *Procedia Computer Science*, **2021**, 184, 823-828	1.6	1
85	XML data manipulation in conventional and temporal XML databases: A survey. *Computer Science Review*, **2020**, 36, 100231	8.3	6
84	Applying Digital Forensics to Service Oriented Architecture. *International Journal of Web Services Research*, **2020**, 17, 17-42	0.8	3
83	A Fuzzy-Based Customisation of Healthcare Knowledge to Support Clinical Domestic Decisions for Chronically Ill Patients. *Journal of Information and Knowledge Management*, **2020**, 19, 2050029	0.9	0
82	Design of an Intelligent Cooperative Road Hazard Detection Persistent System. *Advances in Intelligent Systems and Computing*, **2020**, 696-707	0.4	2
81	Implicit JSON Schema Versioning Driven by Big Data Evolution in the τJSchema Framework. *Lecture Notes in Networks and Systems*, **2020**, 23-35	0.5	4
80	TempoX: A disciplined approach for data management in multi-temporal and multi-schema-version XML databases. *Journal of King Saud University - Computer and Information Sciences*, **2019**, 34, 1472-1472	2.5	2
79	Cooperative Overtaking Assistance System Based on V2V Communications and RTDB. *Computer Journal*, **2019**, 62, 1426-1449	1.3	3
78	A Disciplined Approach to Temporal Evolution and Versioning Support in JSON Data Stores. *Advances in Data Mining and Database Management Book Series*, **2019**, 114-133	0.6	4
77	Schema Versioning in Conventional and Emerging Databases. *Advances in Computer and Electrical Engineering Book Series*, **2019**, 672-683	0.3	

76	Retrieval of Relevant Web Pages by a New Filtering Method. *Advances in Knowledge Acquisition, Transfer and Management Book Series*, **2019**, 222-247	0.3	
75	Conversion of XML schema design styles with StyleVolution. *International Journal of Web Information Systems*, **2019**, 16, 23-64	0.9	1
74	An UML profile for representing real-time design patterns. *Journal of King Saud University - Computer and Information Sciences*, **2018**, 30, 478-497	2.5	6
73	Schema Versioning in Conventional and Emerging Databases **2018**, 2054-2063		5
72	Supporting Structural Evolution of Data in Web-Based Systems via Schema Versioning in the tXSchema Framework. *Advances in Computer and Electrical Engineering Book Series*, **2018**, 271-307	0.3	2
71	Filtering Method for the Annotated and Non-Annotated Web Pages **2018**, 1300-1322		
70	BPMN4VC-modeller: easy-handling of versions of collaborative processes using adaptation patterns. *International Journal of Information Systems and Change Management*, **2018**, 10, 140	0.3	1
69	A new hybrid routing protocol for wireless sensor networks. *International Journal of Ad Hoc and Ubiquitous Computing*, **2018**, 28, 247	0.7	5
68	Linguistic Rules for Ontology Population from Customer Request. *Lecture Notes in Computer Science*, **2018**, 72-92	0.9	
67	A new method for constructing and reusing domain specific design patterns: Application to RT domain. *Journal of King Saud University - Computer and Information Sciences*, **2017**, 29, 325-348	2.5	1
66	Onto-VP2M. *International Journal of E-Collaboration*, **2017**, 13, 39-62	1.3	2
65	Cooperative Intersection Collision Avoidance Persistent System Based on V2V Communication and Real-Time Databases **2017**,		10
64	A new fault-tolerant architecture based on DASH for adaptive streaming video. *International Journal of Advanced Media and Communication*, **2017**, 7, 224	1	
63	BPMN4V for Modeling and Handling Versions of BPMN Collaborations and Choreographies. *Communications in Computer and Information Science*, **2017**, 99-123	0.3	0
62	Filtering Method for the Annotated and Non-Annotated Web Pages. *International Journal of Knowledge Society Research*, **2017**, 8, 1-22		1
61	An NLP-Based Ontology Population for Intentional Structure. *Advances in Intelligent Systems and Computing*, **2017**, 900-910	0.4	
60	Temporal JSON Schema Versioning in the JSchema Framework. *Journal of Digital Information Management*, **2017**, 15, 179	0.9	2
59	Integrating semantic dimension into openEHR archetypes for the management of cerebral palsy electronic medical records. *Journal of Biomedical Informatics*, **2016**, 63, 307-324	10.2	6

58	⫫Schema: A Framework for Managing Temporal JSON-Based NoSQL Databases. *Lecture Notes in Computer Science*, **2016**, 167-181	0.9	12
57	Temporal schema versioning in ⫫OWL: a systematic approach for the management of time-varying knowledge. *Journal of Decision Systems*, **2016**, 1-25	1.2	1
56	Event-driven wireless sensor networks based on consensus **2016**,		3
55	tauXUF: A Temporal Extension of the XQuery Update Facility Language for the tauXSchema Framework **2016**,		2
54	(uptau)OWL: A Systematic Approach to Temporal Versioning of Semantic Web Ontologies. *Journal on Data Semantics*, **2016**, 5, 141-163	1.4	11
53	A Version-based Approach to Address Flexibility of BPMN Collaborations and Choreographies **2016**,		2
52	Changes to XML namespaces in XML schemas and their effects on associated XML documents under schema versioning **2016**,		3
51	Towards Privacy-Aware Web Services Compositions **2016**,		3
50	Definition of Design Patterns for Advanced Driver Assistance Systems **2016**,		2
49	Towards an Automatic Intention Recognition from Client Request. *Lecture Notes in Computer Science*, **2016**, 163-172	0.9	4
48	Rule Management in Clinical Decision Support Expert System for the Alzheimer Disease. *Lecture Notes in Computer Science*, **2016**, 465-477	0.9	1
47	An Efficient Approach for Detecting and Repairing Data Inconsistencies Resulting from Retroactive Updates in Multi-temporal and Multi-version XML Databases. *Advances in Intelligent Systems and Computing*, **2015**, 135-146	0.4	2
46	Enhancing web services compositions with privacy capabilities **2015**,		5
45	Forensics-aware web services composition and ranking **2015**,		4
44	Towards a Built-In Digital Forensics-Aware Framework for Web Services **2015**,		4
43	A fuzzy-based ontology for Alzheimer's disease decision support **2015**,		6
42	Schema Versioning **2015**, 7651-7661		9
41	Sem-SPARQL Editor: An Editor for the Semantic Interrogation of Web Pages. *Lecture Notes in Computer Science*, **2015**, 213-222	0.9	

40	Modelling Flexible Collaborative Process: The VCP2M Approach **2015**,		3
39	Fuzzy semantic annotation of Web resources **2014**,		4
38	Automation of the semantic annotation of web resources. *International Journal of Internet Technology and Secured Transactions*, **2014**, 5, 133	0.6	6
37	A decision support system based on fuzzy specialized rules for the Alzheimer disease **2014**,		2
36	High-Level Operations for Creation and Maintenance of Temporal and Conventional Schema in the tauXSchema Framework **2014**,		5
35	Context-Aware Adaptive Process Information Systems: The Context-BPMN4V Meta-Model. *Lecture Notes in Computer Science*, **2014**, 366-382	0.9	2
34	Schema Change Operations for Full Support of Schema Versioning in the XSchema Framework. *International Journal of Information Technology and Web Engineering*, **2014**, 9, 20-46	1.3	14
33	Applicability of the (m,k)-firm Approach for the QoS Enhancement in Distributed RTDBMS. *Lecture Notes in Computer Science*, **2013**, 166-175	0.9	2
32	Modeling Real-Time Design Patterns with the UML-RTDP Profile **2013**, 59-82		1
31	An Aspect-Oriented Approach to Enforce Security Properties in Business Processes. *Lecture Notes in Computer Science*, **2013**, 344-355	0.9	2
30	Management of the real-time derived data in a Distributed Real-Time DBMS using the semi-total replication data **2013**,		1
29	Automation and evaluation of the semantic annotation of Web resources **2013**,		5
28	Multi-hop Energy Efficient routing protocol based on Data Controlling for Wireless Sensor Networks **2013**,		1
27	Towards an Efficient Datalog Based Evaluation of the FSAQL Query Language. *Lecture Notes in Computer Science*, **2013**, 150-180	0.9	
26	Datalog-based framework for efficient query answering over fuzzy ontologies. *International Journal of Metadata, Semantics and Ontologies*, **2013**, 8, 191	0.6	1
25	Un framework pour la génération semi-automatique d'ontologies floues. Text2FuzzyOnto. *Techniques Et Sciences Informatiques*, **2013**, 32, 671-698		3
24	Versioning of Conventional Schema in the tXSchema Framework **2012**,		5
23	Modeling Security Requirements in Service Based Business Processes. *Lecture Notes in Business Information Processing*, **2012**, 76-90	0.6	6

22	A model-driven approach to developing web service compositions based on BPMN4SOA. *International Journal of Reasoning-based Intelligent Systems*, **2011**, 3, 194	0.4	4
21	Schema versioning in ꘖSchema-based multitemporal XML repositories **2011**,		8
20	F-RT-ETM: Toward Analysis and Formalizing Real Time Transaction and Data in Real-Time Database. *Lecture Notes in Computer Science*, **2011**, 85-96	0.9	
19	Fuzzy ontologies building method: Fuzzy OntoMethodology **2010**,		7
18	Multiversion data warehouse constraints **2010**,		3
17	Service Oriented Tools for Medical Records Management and Versioning **2010**,		2
16	From platform independent service composition model in BPMN4SOA to executable service compositions **2010**,		3
15	Querying fuzzy RDFS semantic annotations **2010**,		4
14	Modeling Real-Time Applications with Reusable Design Patterns. *Communications in Computer and Information Science*, **2010**, 12-25	0.3	2
13	A Process to Derive Domain-Specific Patterns: Application to the Real Time Domain. *Lecture Notes in Computer Science*, **2010**, 475-489	0.9	4
12	Fuzzy ontology implementation and query answering on databases **2009**,		8
11	Towards a Version-Based Approach to Deal with Business Process Evolution. *Communications in Computer and Information Science*, **2009**, 74-88	0.3	
10	How to Model a Real-Time Database? **2009**,		5
9	Versions to Address Business Process Flexibility Issue. *Lecture Notes in Computer Science*, **2009**, 2-14	0.9	10
8	Towards a Flexible Query Language. *Lecture Notes in Computer Science*, **2009**, 44-55	0.9	
7	Schema Versioning in Multi-temporal XML Databases **2008**,		7
6	Structural Model of Real-Time Databases: An Illustration **2008**,		5
5	Database design and querying within the fuzzy semantic model. *Information Sciences*, **2007**, 177, 4598-4620	7.7	13

List of Publications

4   Dealing with Similarity Relations in Fuzzy Ontologies. *IEEE International Conference on Fuzzy Systems*, **2007**,   6

3   Fuzzy Ontologies Building Platform for Semantic Web92-113   1

2   Self-adaptive business processes: a hybrid approach for the resolution of adaptation needs. *Innovations in Systems and Software Engineering*,1   1.1

1   From Temporal Databases to Ontology Versioning225-246   3