

# Sana Bhiri

## List of Publications by Year in descending order

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Version: 2024-02-01

68  
papers

667  
citations

840119

11  
h-index

887659

17  
g-index

73  
all docs

73  
docs citations

73  
times ranked

475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ensuring required failure atomicity of composite Web services. , 2005, , .		116
2	Event-Based Design and Runtime Verification of Composite Service Transactional Behavior. IEEE Transactions on Services Computing, 2010, 3, 32-45.	3.2	50
3	ODBAPI: A Unified REST API for Relational and NoSQL Data Stores. , 2014, , .		33
4	Transactional patterns for reliable web services compositions. , 2006, , .		28
5	Log-based transactional workflow mining. Distributed and Parallel Databases, 2009, 25, 193-240.	1.0	28
6	School-Based Intervention as a Component of a Comprehensive Community Program for Overweight and Obesity Prevention, Sousse, Tunisia, 2009â€“2014. Preventing Chronic Disease, 2015, 12, E160.	1.7	25
7	Supporting Multi Data Stores Applications in Cloud Environments. IEEE Transactions on Services Computing, 2016, 9, 59-71.	3.2	23
8	Web Service Mining and Verification of Properties: An Approach Based on Event Calculus. Lecture Notes in Computer Science, 2006, , 408-425.	1.0	22
9	Control and data dependencies in business processes based on semantic business activities. , 2008, , .		20
10	QoS-Aware Complex Event Service Composition and Optimization Using Genetic Algorithms. Lecture Notes in Computer Science, 2014, , 386-393.	1.0	17
11	Rheumatic heart disease in a developing country: Incidence and trend (Monastir; Tunisia: 2000â€“2013). International Journal of Cardiology, 2017, 228, 628-632.	0.8	16
12	Complex event service provision and composition based on event pattern matchmaking. , 2014, , .		15
13	Reliable Web Services Composition using a Transactional Approach. , 0, , .		14
14	Ensuring Customised Transactional Reliability of Composite Services. Journal of Database Management, 2011, 22, 64-92.	1.0	14
15	Assessment of Service Protocol Adaptability Based on Novel Walk Computation. IEEE Transactions on Systems, Man and Cybernetics, Part A: Systems and Humans, 2012, 42, 1109-1140.	3.4	13
16	Mining and Improving Composite Web Services Recovery Mechanisms. International Journal of Web Services Research, 2008, 5, 23-48.	0.5	13
17	Semantic Web Services for Satisfying SOA Requirements. Lecture Notes in Computer Science, 2008, , 374-395.	1.0	12
18	Extending BPMN 2.0 with Sensor and Smart Device Business Functions. , 2011, , .		12

#	ARTICLE	IF	CITATIONS
19	Designing business capability-aware configurable process models. <i>Information Systems</i> , 2017, 72, 77-94.	2.4	11
20	Developing Process Mediator for Supporting Mediated Web Service Interactions. , 2008, , .		10
21	Assessing service protocol adaptability based on protocol reduction and graph search. <i>Concurrency Computation Practice and Experience</i> , 2011, 23, 880-904.	1.4	9
22	Modelling Capabilities as Attribute-Featured Entities. <i>Lecture Notes in Business Information Processing</i> , 2013, , 70-85.	0.8	9
23	A 3-Year Workplace-Based Intervention Program to Control Noncommunicable Disease Risk Factors in Sousse, Tunisia. <i>Journal of Occupational and Environmental Medicine</i> , 2015, 57, e72-e77.	0.9	9
24	Using Formal Concept Analysis for Organizing and Discovering Sensor Capabilities. <i>Computer Journal</i> , 2015, 58, 356-367.	1.5	9
25	Discovering and Improving Recovery Mechanisms of CompositeWeb Services. , 2006, , .		8
26	Configurable Process Models for Logistics Case Study for Customs Clearance Processes. <i>Lecture Notes in Business Information Processing</i> , 2012, , 119-130.	0.8	7
27	Assessing the replaceability of service protocols in mediated service interactions. <i>Future Generation Computer Systems</i> , 2013, 29, 287-299.	4.9	7
28	Service Offer Discovery Using Genetic Algorithms. , 2011, , .		6
29	Using Ontologies for Business Capability modelling: Describing What Services and Processes Achieve. <i>Computer Journal</i> , 2018, 61, 1075-1098.	1.5	6
30	Mining and Re-engineering Transactional Workflows for Reliable Executions. <i>Lecture Notes in Computer Science</i> , 2007, , 485-501.	1.0	6
31	An Indexing Structure for Maintaining Configurable Process Models. <i>Lecture Notes in Business Information Processing</i> , 2010, , 157-168.	0.8	6
32	Resource Optimisation in IoT Cloud Systems by Using Matchmaking and Self-management Principles. <i>Lecture Notes in Computer Science</i> , 2013, , 127-140.	1.0	5
33	Service Offer Descriptions and Expressive Search Requests “ Key Enablers of Late Service Binding. <i>Lecture Notes in Business Information Processing</i> , 2012, , 50-62.	0.8	4
34	Description and Evaluation of Elasticity Strategies for Business Processes in the Cloud. , 2016, , .		4
35	Hospitalizations for communicable diseases in a developing country: prevalence and trends“Monastir, Tunisia, 2002“2013. <i>International Journal of Infectious Diseases</i> , 2017, 55, 102-108.	1.5	4
36	Obstacle-Aware Resource Allocation in Business Processes. <i>Lecture Notes in Business Information Processing</i> , 2017, , 207-219.	0.8	4

#	ARTICLE	IF	CITATIONS
37	Running Transactional Business Processes with Blockchain's Smart Contracts. , 2020, , .		4
38	Better Behavioral Description for Dynamic Semantic Web Services Collaboration. , 2007, , .		3
39	Semantically-enabled business process models discovery. International Journal of Business Process Integration and Management, 2011, 5, 257.	0.2	3
40	Business Process Model Overview: Determining the Capability of a Process Model Using Ontologies. Lecture Notes in Business Information Processing, 2013, , 62-74.	0.8	3
41	A Normative Model for Holonic Multi-agent Systems. , 2017, , .		3
42	Avoiding resource misallocations in business processes. Concurrency Computation Practice and Experience, 2020, 32, e4888.	1.4	3
43	Formal verification of composite service recovery mechanisms consistency. , 2007, , .		2
44	A Scenario-View Based Approach to Analyze External Behavior of Web Services for Supporting Mediated Service Interactions. , 2008, , .		2
45	Behavioral analysis of web services for supporting mediated service interoperations. , 2008, , .		2
46	Assessing Service Protocols Adaptability Using Protocol Reduction and Graph-Search with Backtracking Techniques. , 2009, , .		2
47	Modelling, interlinking and discovering capabilities. , 2013, , .		2
48	Matchmaking of IaaS cloud computing offers leveraging linked data. , 2013, , .		2
49	Capability Annotation of Actions Based on Their Textual Descriptions. , 2014, , .		2
50	Non-Functional Norms Specification and Verification Approach for Normative Multi-agents Systems. Procedia Computer Science, 2019, 159, 717-726.	1.2	2
51	A Transactional Approach for Reliable Elastic Cloud Resources. , 2019, , .		2
52	STRATModel: Elasticity Model Description Language for Evaluating Elasticity Strategies for Business Processes. Lecture Notes in Computer Science, 2017, , 448-466.	1.0	2
53	Capability Modelling – Case of Logistics Capabilities. Lecture Notes in Business Information Processing, 2013, , 519-529.	0.8	2
54	Formal verification of mediated web service interactions considering client's expected behaviours. , 2009, , .		2

#	ARTICLE	IF	CITATIONS
55	Definition and Induction of a Specification Order Relation between Capabilities. , 2021, , .		2
56	Developing Process Mediator for Web Service Interactions. , 2008, , .		1
57	Preference-Based Discovery of Dynamically Generated Service Offers. , 2011, , .		1
58	User-centric modeling and processing for ubiquitous events using semantic capability models. Communications in Mobile Computing, 2012, 1, .	0.5	1
59	Organizing Capabilities Using Formal Concept Analysis. , 2013, , .		1
60	User centric complex event processing based on service oriented architectures. , 2013, , .		1
61	Assisting Sensor-Based Application Design and Instantiation Using Activity Recommendation. Computer Journal, 2015, 58, 368-384.	1.5	1
62	A Decomposition-based Approach of Global Norms for Hierarchical Normative Systems. Procedia Computer Science, 2018, 126, 778-787.	1.2	1
63	Towards Automated and Fine-Grain Reuse of Configurable Business Process Models. , 2019, , .		1
64	NCRIO: A Normative Holonic Metamodel for Multi-agent Systems. Lecture Notes in Computer Science, 2017, , 638-649.	1.0	1
65	Assessment of Service Protocols Adaptability Using a Novel Path Computation Technique. Lecture Notes in Computer Science, 2009, , 237-254.	1.0	1
66	Conceptual Analysis of Transactional-, Capacity-Driven Web Services. , 2011, , .		0
67	Techniques for Reuse in Business Process Modeling in Public Administration. Public Administration and Information Technology, 2017, , 111-134.	0.6	0
68	Service Offer Discovery in the SWS Challenge Shipment Discovery Scenario. , 2012, , 249-262.		0