

Ahmed Awad

List of Publications by Year in descending order

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42
papers

842
citations

567281

15
h-index

552781

26
g-index

44
all docs

44
docs citations

44
times ranked

462
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Compliance Checking Using BPMN-Q and Temporal Logic. Lecture Notes in Computer Science, 2008, , 326-341.	1.3	172
2	Visually specifying compliance rules and explaining their violations for business processes. Journal of Visual Languages and Computing, 2011, 22, 30-55.	1.8	89
3	Specification, Verification and Explanation of Violation for Data Aware Compliance Rules. Lecture Notes in Computer Science, 2009, , 500-515.	1.3	71
4	Semantic Querying of Business Process Models. , 2008, , .		54
5	A framework for querying graph-based business process models. , 2010, , .		40
6	Diagnosing and Repairing Data Anomalies in Process Models. Lecture Notes in Business Information Processing, 2010, , 5-16.	1.0	38
7	Business Process Analytics and Big Data Systems: A Roadmap to Bridge the Gap. IEEE Access, 2018, 6, 77308-77320.	4.2	25
8	Correlating Unlabeled Events from Cyclic Business Processes Execution. Lecture Notes in Computer Science, 2016, , 274-289.	1.3	23
9	Resolution of Compliance Violation in Business Process Models: A Planning-Based Approach. Lecture Notes in Computer Science, 2009, , 6-23.	1.3	22
10	Visualization of Compliance Violation in Business Process Models. Lecture Notes in Business Information Processing, 2010, , 182-193.	1.0	22
11	Runtime detection of business process compliance violations. , 2015, , .		20
12	Querying Graph-Based Repositories of Business Process Models. Lecture Notes in Computer Science, 2010, , 33-44.	1.3	20
13	On efficient processing of BPMN-Q queries. Computers in Industry, 2012, 63, 867-881.	9.9	18
14	A Cyber-Physical System and Graph-Based Approach for Transportation Management in Smart Cities. Sustainability, 2021, 13, 7606.	3.2	18
15	Structural Detection of Deadlocks in Business Process Models. Lecture Notes in Business Information Processing, 2008, , 239-250.	1.0	17
16	Deducing Case IDs for Unlabeled Event Logs. Lecture Notes in Business Information Processing, 2016, , 242-254.	1.0	16
17	Visual suggestions for improvements in business process diagrams. Journal of Visual Languages and Computing, 2011, 22, 385-399.	1.8	15
18	An Iterative Approach for Business Process Template Synthesis from Compliance Rules. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2011, , 406-421.	0.3	15

#	ARTICLE	IF	CITATIONS
19	SDDM: an interpretable statistical concept drift detection method for data streams. Journal of Intelligent Information Systems, 2021, 56, 459-484.	3.9	12
20	On Maintaining Consistency of Process Model Variants. Lecture Notes in Business Information Processing, 2011, , 289-300.	1.0	12
21	Runtime self-monitoring approach of business process compliance in cloud environments. Cluster Computing, 2015, 18, 1503-1526.	5.0	11
22	Querying Process Models Repositories by Aggregated Graph Search. Lecture Notes in Business Information Processing, 2013, , 573-585.	1.0	10
23	Consistency Checking of Compliance Rules. Lecture Notes in Business Information Processing, 2010, , 106-118.	1.0	10
24	Partial process models to manage business process variants. International Journal of Business Process Integration and Management, 2011, 5, 240.	0.0	9
25	An iterative approach to synthesize business process templates from compliance rules. Information Systems, 2012, 37, 714-736.	3.6	9
26	Context-Based Variant Generation of Business Process Models. Lecture Notes in Business Information Processing, 2014, , 363-377.	1.0	6
27	An Anti-Pattern-based Runtime Business Process Compliance Monitoring Framework. International Journal of Advanced Computer Science and Applications, 2016, 7, .	0.7	6
28	Discovering Linkage Patterns among Web Services Using Business Process Knowledge. , 2011, , .		5
29	Extracting accurate performance indicators from execution logs using process models. , 2015, , .		5
30	Analyzing and repairing overlapping work items in process logs. Information and Software Technology, 2016, 80, 110-123.	4.4	5
31	Online correlation for unlabeled process events: A flexible CEP-based approach. Information Systems, 2022, 108, 102031.	3.6	5
32	Runtime deduction of case ID for unlabeled business process execution events. , 2015, , .		4
33	Business Process Configuration Wizard and Consistency Checker for BPMN 2.0. Lecture Notes in Business Information Processing, 2011, , 231-245.	1.0	2
34	A Resource Recommendation Approach based on Co-Working History. International Journal of Advanced Computer Science and Applications, 2018, 9, .	0.7	2
35	Optimizing ADWIN for steady streams. , 2022, , .		2
36	Compliance Monitoring as a Service: Requirements, Architecture and Implementation. , 2015, , .		1

#	ARTICLE	IF	CITATIONS
37	Predicting Remaining Cycle Time from Ongoing Cases: A Survival Analysis-Based Approach. Lecture Notes in Business Information Processing, 2021, , 99-111.	1.0	1
38	Web Services and Business Processes: A Round Trip. , 2014, , 3-29.		1
39	Towards RAM-Based Variant Generation of Business Process Models. Lecture Notes in Computer Science, 2016, , 91-102.	1.3	0
40	Calculation of Average Road Speed Based on Car-to-Car Messaging. , 2019, , .		0
41	A Novel Hadoop Security Model for Addressing Malicious Collusive Workers. Computational Intelligence and Neuroscience, 2021, 2021, 1-10.	1.7	0
42	Revealing Hidden Relations among Web Services Using Business Process Knowledge. Lecture Notes in Computer Science, 2011, , 235-249.	1.3	0