Frederik Lm Gailly

List of Publications by Citations

45 papers	300 citations	10 h-index	15 g-index
48 ext. papers	352 ext. citations	1.7 avg, IF	3.65 L-index

#	Paper	IF	Citations
45	Comparing traditional conceptual modeling with ontology-driven conceptual modeling: An empirical study. *Information Systems*, **2019**, 81, 92-103	2.7	32
44	Insights on the Use and Application of Ontology and Conceptual Modeling Languages in Ontology-Driven Conceptual Modeling. *Lecture Notes in Computer Science*, **2016**, 83-97	0.9	27
43	Positioning and Formalizing the REA Enterprise Ontology. *Journal of Information Systems*, **2008**, 22, 219-248	2.8	21
42	Towards a decision-aware declarative process modeling language for knowledge-intensive processes. *Expert Systems With Applications*, **2017**, 87, 316-334	7.8	19
41	Ontology-driven conceptual modeling: A systematic literature mapping and review. *Applied Ontology*, **2015**, 10, 197-227	1.4	18
40	Enhancing Declarative Process Models with DMN Decision Logic. *Lecture Notes in Business Information Processing*, **2015**, 151-165	0.6	18
39	The Structured Process Modeling Theory (SPMT) a cognitive view on why and how modelers benefit from structuring the process of process modeling. *Information Systems Frontiers*, **2015**, 17, 1401-1425	4	17
38	The pragmatic quality of Resources- Events-Agents diagrams: an experimental evaluation. *Information Systems Journal*, **2011**, 21, 63-89	5.9	13
37	Towards Ontology-Driven Information Systems: Redesign and Formalization of the REA Ontology **2007**, 245-259		13
36	Ontology-Driven Business Modelling: Improving the Conceptual Representation of the REA Ontology. *Lecture Notes in Computer Science*, **2007**, 407-422	0.9	12
35	Measuring the Perceived Semantic Quality of Information Models. *Lecture Notes in Computer Science*, **2005**, 376-385	0.9	9
34	The Structured Process Modeling Method (SPMM) what is the best way for me to construct a process model?. *Decision Support Systems*, **2017**, 100, 57-76	5.6	8
33	Ontology-Driven Business Rule Specification. *Journal of Information Systems*, **2013**, 27, 79-104	1.9	8
32	Using the REA Ontology to Create Interoperability between E-Collaboration Modeling Standards. *Notes on Numerical Fluid Mechanics and Multidisciplinary Design*, **2009**, 395-409	0.3	8
31	On the Symbiosis between Enterprise Modelling and Ontology Engineering. *Lecture Notes in Computer Science*, **2013**, 487-494	0.9	7
30	Integrating Business Domain Ontologies with Early Requirements Modelling. *Lecture Notes in Computer Science*, **2008**, 282-291	0.9	7
29	PoN-S: A Systematic Approach for Applying the Physics of Notation (PoN). *Lecture Notes in Business Information Processing*, **2016**, 432-447	0.6	6

28	Object Class or Association Class? Testing the User Effect on Cardinality Interpretation. *Lecture Notes in Computer Science*, **2005**, 33-42	0.9	6
27	Recommendation-Based Conceptual Modeling and Ontology Evolution Framework (CMOE+). *Business and Information Systems Engineering*, **2017**, 59, 235-250	3.8	5
26	Supporting and assisting the execution of flexible healthcare processes **2015**,		5
25	Comprehending 3D and 4D ontology-driven conceptual models: An empirical study. *Information Systems*, **2020**, 93, 101568	2.7	4
24	Discovering health-care processes using DeciClareMiner. *Health Systems*, **2018**, 7, 195-211	2.3	4
23	Business process modeling: An accounting information systems perspective. *International Journal of Accounting Information Systems*, **2014**, 15, 185-192	4.4	4
22	Conceptual modeling using domain ontologies **2010**,		3
21	The Design of a Core Value Ontology Using Ontology Patterns. *Lecture Notes in Computer Science*, **2016**, 183-193	0.9	3
20	A Generic Framework for Flexible and Data-Aware Business Process Engines. *Lecture Notes in Business Information Processing*, **2019**, 201-213	0.6	2
19	Enterprise-Specific Ontology-Driven Process Modelling. *Lecture Notes in Business Information Processing*, **2015**, 472-488	0.6	2
18	Generating Business Process Recommendations with a Population-Based Meta-Heuristic. *Lecture Notes in Business Information Processing*, **2015**, 516-528	0.6	2
17	An Exploratory Analysis on the Comprehension of 3D and 4D Ontology-Driven Conceptual Models. *Lecture Notes in Computer Science*, **2016**, 163-172	0.9	2
16	Cognitive Aspects of Structured Process Modeling. *Lecture Notes in Business Information Processing*, **2013**, 168-173	0.6	2
15	3D vs. 4D Ontologies in Enterprise Modeling. *Lecture Notes in Computer Science*, **2014**, 13-22	0.9	2
14	Comparing Digital Platform Types in the Platform Economy. *Lecture Notes in Computer Science*, **2021**, 417-431	0.9	2
13	Sharing Platform Ontology Development: Proof-of-Concept. *Sustainability*, **2022**, 14, 2076	3.6	2
12	Domain Ontology for Digital Marketplaces. *Lecture Notes in Computer Science*, **2019**, 191-200	0.9	1
11	Towards a Reference Ontology for Digital Platforms. *Lecture Notes in Computer Science*, **2020**, 289-302	0.9	1

10	Towards a Structured Process Modeling Method: Building the Prescriptive Modeling Theory. *Lecture Notes in Business Information Processing*, **2017**, 168-179	0.6	1
9	Experimental Evaluation of an Ontology-Driven Enterprise Modeling Language. *Lecture Notes in Computer Science*, **2011**, 163-172	0.9	1
8	Integrated Declarative Process and Decision Discovery of the Emergency Care Process. *Information Systems Frontiers*, **2020**, 1	4	1
7	Comparing strategies to generate experience-based clinical process recommendations that leverage similarity to historic data **2019**,		1
6	Thoroughly Modern Accounting: Shifting to a De Re Conceptual Pattern for Debits and Credits. *Lecture Notes in Computer Science*, **2018**, 134-148	0.9	
5	Towards an Operational REA Business Ontology. *Advances in E-Business Research Series*, **2009**, 222-243	0.4	
4	Preface ODISE 2011. *Lecture Notes in Business Information Processing*, **2011**, 397-400	0.6	
3	An Ontological Analysis Framework for Domain-Specific Modeling Languages. *Journal of Database Management*, **2018**, 29, 23-42	2.2	
2	Empirical Comparison of Model Consistency Between Ontology-Driven Conceptual Modeling and Traditional Conceptual Modeling. *Lecture Notes in Computer Science*, **2018**, 43-57	0.9	
1	A Method for Ontology-Driven Minimum Viable Platform Development. *Lecture Notes in Business Information Processing*, **2022**, 253-266	0.6	