Robert Pergl

List of Publications by Year in Descending Order

42 papers	223 citations	7 h-index	13 g-index
44 ext. papers	305 ext. citations	1 avg, IF	3.36 L-index

#	Paper	IF	Citations
42	User Interface Modelling Languages for Normalised Systems: Systematic Literature Review. *Lecture Notes in Networks and Systems*, **2022**, 349-358	0.5	
41	Improving Document Evolvability Based on Normalized Systems Theory. *Lecture Notes in Networks and Systems*, **2022**, 131-140	0.5	
40	Towards Evolvable Ontology-Driven Development with Normalized Systems. *Communications in Computer and Information Science*, **2021**, 208-231	0.3	1
39	FAIR Principles: Interpretations and Implementation Considerations. *Data Intelligence*, **2020**, 2, 10-29	3	66
38	Helping the Consumers and Producers of Standards, Repositories and Policies to Enable FAIR Data. *Data Intelligence*, **2020**, 2, 151-157	3	6
37	Reusable FAIR Implementation Profiles as Accelerators of FAIR Convergence. *Lecture Notes in Computer Science*, **2020**, 138-147	0.9	3
36	Laying the Foundation for Design System Ontology. *Advances in Intelligent Systems and Computing*, **2020**, 778-787	0.4	1
35	Bi-directional Transformation between Normalized Systems Elements and Domain Ontologies in OWL **2020**,		2
34	Proposing Ontology-Driven Content Modularization in Documents Based on the Normalized Systems Theory. *Advances in Intelligent Systems and Computing*, **2020**, 45-54	0.4	1
33	Das Contract - A Visual Domain Specific Language for Modeling Blockchain Smart Contracts. *Lecture Notes in Business Information Processing*, **2020**, 149-166	0.6	4
32	Data Management Planning: How Requirements and Solutions are Beginning to Converge. *Data Intelligence*, **2020**, 2, 208-219	3	12
31	FAIR Convergence Matrix: Optimizing the Reuse of Existing FAIR-Related Resources. *Data Intelligence*, **2020**, 2, 158-170	3	4
30	Case-Study-Based Review of Approaches for Transforming UML Class Diagrams to OWL and Vice Versa **2020**,		1
29	Data Stewardship Wizard A Tool Bringing Together Researchers, Data Stewards, and Data Experts around Data Management Planning. *Data Science Journal*, **2019**, 18,	2	8
28	Mapping UFO-B to BPMN, BORM, and UML Activity Diagram. *Lecture Notes in Business Information Processing*, **2019**, 82-98	0.6	
27	Comparing traditional conceptual modeling with ontology-driven conceptual modeling: An empirical study. *Information Systems*, **2019**, 81, 92-103	2.7	32
26	Exploring a Role of Blockchain Smart Contracts in Enterprise Engineering. *Lecture Notes in Business Information Processing*, **2019**, 113-127	0.6	2

25	Towards OntoUML for Software Engineering: Optimizing Kinds and Subkinds Transformed into Relational Databases. *Lecture Notes in Business Information Processing*, **2018**, 31-45	0.6	1
24	Empirical Comparison of Model Consistency Between Ontology-Driven Conceptual Modeling and Traditional Conceptual Modeling. *Lecture Notes in Computer Science*, **2018**, 43-57	0.9	
23	A DEMO Machine - A Formal Foundation for Execution of DEMO Models. *Lecture Notes in Business Information Processing*, **2017**, 18-32	0.6	3
22	Converting DEMO PSI Transaction Pattern into BPMN: A Complete Method. *Lecture Notes in Business Information Processing*, **2017**, 85-98	0.6	10
21	Analysing Functional Paradigm Concepts. *Advances in Intelligent Systems and Computing*, **2017**, 882-891	0.4	
20	Towards ontoUML for software engineering: Transformation of kinds and subkinds into relational databases. *Computer Science and Information Systems*, **2017**, 14, 913-937	0.8	3
19	Tackling the Flexibility-Usability Trade-off in Component-Based Software Development. *Advances in Intelligent Systems and Computing*, **2017**, 861-871	0.4	2
18	Towards the Ontological Foundations for the Software Executable DEMO Action and Fact Models. *Lecture Notes in Business Information Processing*, **2016**, 151-165	0.6	6
17	Towards OntoUML for Software Engineering: Transformation of Anti-rigid Sortal Types into Relational Databases. *Lecture Notes in Computer Science*, **2016**, 1-15	0.9	3
16	Towards OntoUML for Software Engineering: Introduction to The Transformation of OntoUML into Relational Databases. *Lecture Notes in Business Information Processing*, **2016**, 67-83	0.6	5
15	The OpenPonk modeling platform **2016**,		5
14	Empirical Study of Applying the DEMO Method for Improving BPMN Process Models in Academic Environment **2015**,		3
13	Enterprise Operational Analysis Using DEMO and the Enterprise Operating System. *Lecture Notes in Business Information Processing*, **2015**, 3-18	0.6	7
12	BORM-II and UML as Accessibility Process in Knowledge and Business Modelling. *Lecture Notes in Electrical Engineering*, **2015**, 1-6	0.2	
11	Revisiting the BORM OR Diagram Composition Pattern. *Lecture Notes in Business Information Processing*, **2015**, 102-113	0.6	2
10	The Prefix Machine a Formal Foundation for the BORM OR Diagrams Validation and Simulation. *Lecture Notes in Business Information Processing*, **2014**, 113-131	0.6	2
9	Object-Oriented FSM-Based Approach to Process Modelling. *Advances in Intelligent Systems and Computing*, **2014**, 597-606	0.4	
8	Towards OntoUML for Software Engineering: From Domain Ontology to Implementation Model. *Lecture Notes in Computer Science*, **2013**, 249-263	0.9	8

| 7 | Instance-Level Modelling and Simulation Revisited. *Lecture Notes in Business Information Processing*, **2013**, 85-100 | 0.6 | 1 |

| 6 | OpenCASE⎯A Tool for Ontology-Centred Conceptual Modelling. *Lecture Notes in Business Information Processing*, **2012**, 511-518 | 0.6 | 6 |

| 5 | Supporting Enterprise IS Modelling Using Ontological Analysis. *Lecture Notes in Business Information Processing*, **2011**, 130-144 | 0.6 | 4 |

| 4 | Modelling and Prototyping of Business Applications Based on Multilevel Domain-Specific Language. *Lecture Notes in Business Information Processing*, **2011**, 173-191 | 0.6 | |

| 3 | BORM-points: Introduction and Results of Practical Testing. *Lecture Notes in Business Information Processing*, **2009**, 590-599 | 0.6 | 4 |

| 2 | Towards OntoUML for Software Engineering: Transformation of Rigid Sortal Types into Relational Databases | | 5 |

| 1 | Expanding Normalized Systems from textual domain descriptions using TEMOS. *Journal of Intelligent Information Systems*, 1 | 2.1 | |