Didar Zowghi

List of Publications by Year
in descending order

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131	3,345	361045	243296
papers	citations	20 h-index	44 g-index

141	141	141	2030
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A model-driven approach to reengineering processes in cloud computing. Information and Software Technology, 2022, 144, 106795.	3.0	5
2	Inquiryâ€based mobile learning in secondary school science education: A systematic review. Journal of Computer Assisted Learning, 2021, 37, 1-23.	3.3	35
3	Requirements, Politics, or Individualism: What Drives the Success of COVID-19 Contact-Tracing Apps?. IEEE Software, 2021, 38, 7-12.	2.1	30
4	Automating the Evaluation of Education Apps With App Store Data. IEEE Transactions on Learning Technologies, 2021, 14, 16-27.	2.2	2
5	Analysing user reviews of inquiry-based learning apps in science education. Computers and Education, 2021, 164, 104119.	5.1	17
6	Adult learning in online communities of practice: A systematic review. British Journal of Educational Technology, 2021, 52, 1663-1694.	3.9	25
7	Machine Learning in Requirements Engineering: A Mapping Study. , 2021, , .		5
8	The Rise and Fall of COVID-19 Contact-Tracing Apps: when NFRs Collide with Pandemic. , 2021, , .		11
9	Activity Diagram Synthesis Using Labelled Graphs and the Genetic Algorithm. Journal of Computer Science and Technology, 2021, 36, 1388-1406.	0.9	0
10	An empirical study of the antecedents of data completeness in electronic medical records. International Journal of Information Management, 2020, 50, 155-170.	10.5	8
11	An exploration of IoT platform development. Information Systems, 2020, 87, 101409.	2.4	61
12	Data quality and the Internet of Things. Computing (Vienna/New York), 2020, 102, 573-599.	3.2	34
13	SaPeer and ReverseSaPeer: teaching requirements elicitation interviews with role-playing and role reversal. Requirements Engineering, 2020, 25, 417-438.	2.1	17
14	Inspectors Academy : Pedagogical Design for Requirements Inspection Training. , 2020, , .		5
15	Applying Distributed Cognition Theory to Agile Requirements Engineering. Lecture Notes in Computer Science, 2020, , 186-202.	1.0	0
16	Empirical Evaluation of the Influence of EMR Alignment to Care Processes on Data Completeness. , 2020, , .		2
17	How Much Authenticity can be Achieved in Software Engineering Project Based Courses?. , 2019, , .		11
18	Supporting Analysts by Dynamic Extraction and Classification of Requirements-Related Knowledge. , 2019, , .		6

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19	Teaching requirements elicitation interviews: an empirical study of learning from mistakes. Requirements Engineering, 2019, 24, 259-289.	2.1	29
20	Requirements Engineering (RE) for Social Good: RE Cares [Requirements]. IEEE Software, 2019, 36, 86-94.	2.1	5
21	Gender Disparity in the Governance of Software Engineering Conferences. , 2019, , .		1
22	Learning Requirements Elicitation Interviews with Role-Playing, Self-Assessment and Peer-Review. , 2019, , .		11
23	Blockchain in Supply Chain Management: Australian Manufacturer Case Study. Lecture Notes in Business Information Processing, 2019, , 93-107.	0.8	3
24	Ambiguity in Requirements Engineering: Towards a Unifying Framework. Lecture Notes in Computer Science, 2019, , 191-210.	1.0	5
25	Mobile learning for science and mathematics school education: A systematic review of empirical evidence. Computers and Education, 2018, 121, 30-58.	5.1	174
26	Interview Review: An Empirical Study on Detecting Ambiguities in Requirements Elicitation Interviews. Lecture Notes in Computer Science, 2018, , 101-118.	1.0	11
27	Design and preliminary evaluation of a cyber Security Requirements Education Game (SREG). Information and Software Technology, 2018, 95, 179-200.	3.0	55
28	IoT Smart City Architectures: An Analytical Evaluation. , 2018, , .		5
29	Semi-Automated Extraction of New Requirements from Online Reviews for Software Product Evolution. , 2018, , .		5
30	User Involvement in Software Development: The Good, the Bad, and the Ugly. IEEE Software, 2018, 35, 8-11.	2.1	11
31	"Affects" of User Involvement in Software Development. , 2018, , .		5
32	Learning from Mistakes: An Empirical Study of Elicitation Interviews Performed by Novices. , 2018, , .		17
33	ELICA: An Automated Tool for Dynamic Extraction of Requirements Relevant Information. , 2018, , .		10
34	Dynamic Visual Analytics for Elicitation Meetings with ELICA. , 2018, , .		2
35	Power and Politics of User Involvement in Software Development. , 2018, , .		6
36	Two Sides of the Same Coin. , 2018, , .		7

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37	Achieving Data Completeness in Electronic Medical Records: A Conceptual Model and Hypotheses Development. , 2018, , .		5
38	Alignment of Stakeholder Expectations about User Involvement in Agile Software Development. , 2017, , .		12
39	User satisfaction and system success: an empirical exploration of user involvement in software development. Empirical Software Engineering, 2017, 22, 2339-2372.	3.0	33
40	Behavior-Driven Requirements Traceability via Automated Acceptance Tests. , 2017, , .		16
41	Interview Review: Detecting Latent Ambiguities to Improve the Requirements Elicitation Process. , 2017, , .		10
42	Panel: Context-Dependent Evaluation of Tools for NL RE Tasks: Recall vs. Precision, and Beyond. , 2017, , .		8
43	Feature Based Sentiment Analysis for Evaluating the Mobile Pedagogical Affordances of Apps. IFIP Advances in Information and Communication Technology, 2017, , 281-291.	0.5	8
44	Jonathan Paul Marshall, James Goodman, Didar Zowghi, and Francesca Da Rimini's Disorder and the Disinformation Society The Social Dynamics of Information Networks and Software. Social Transformations Journal of the Global South, 2017, 5, 89.	0.1	0
45	Managing Requirements Change the Informal Way: When Saying â€˜Noâ€™ is Not an Option. , 2016, , .		9
46	Empirical study of communication structures and barriers in geographically distributed teams. IET Software, 2016, 10, 147-153.	1.5	12
47	Introduction to the special issue of best papers from RE2015 conference. Requirements Engineering, 2016, 21, 309-310.	2.1	0
48	Automated Service Selection Using Natural Language Processing. Communications in Computer and Information Science, 2015, , 3-17.	0.4	2
49	Problems and challenges of user involvement in software development. , 2015, , .		15
50	A systematic review on the relationship between user involvement and system success. Information and Software Technology, 2015, 58, 148-169.	3.0	191
51	EVALUATOR: An Automated Tool for Service Selection. Communications in Computer and Information Science, 2015, , 170-184.	0.4	0
52	Systematic reviews in requirements engineering: A tertiary study. , 2014, , .		17
53	Ready-set-transfer! Technology transfer in the requirements engineering domain (panel). , 2014, , .		0
54	Utilizing TOPSIS: A Multi Criteria Decision Analysis Technique for Non-Functional Requirements Conflicts. Communications in Computer and Information Science, 2014, , 31-44.	0.4	15

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55	What makes service oriented requirements engineering challenging? A qualitative study. IET Software, 2014, 8, 154-160.	1.5	20
56	Users' voice and service selection: An empirical study. , 2014, , .		7
57	Supporting traceability through affinity mining. , 2014, , .		22
58	Implementation decision making for internetware driven by quality requirements. Science China Information Sciences, 2014, 57, 1-19.	2.7	1
59	Conflict characterization and Analysis of Non Functional Requirements: An experimental approach. , 2013, , .		15
60	Users' involvement in requirements engineering and system success. , 2013, , .		15
61	Measuring the significance of inconsistency in the Viewpoints framework. Science of Computer Programming, 2013, 78, 1572-1599.	1.5	12
62	User involvement in software development and system success. , 2013, , .		44
63	Automated Reasoning with Goal Tree Models for Software Quality Requirements. , 2012, , .		2
64	Towards understanding requirement evolution in a software product line an industrial case study. , 2012, , .		1
65	An Automatic Reasoning Mechanism for NFR Goal Models. , 2011, , .		2
66	Software versus IT Service: A Comparative Study from Requirements Engineering Perspective. , 2011, , .		1
67	rΣ: Automated reasoning tool for non-functional requirement goal models. , 2011, , .		3
68	Mining Requirements Links. Lecture Notes in Computer Science, 2011, , 196-201.	1.0	4
69	Constructing a Catalogue of Conflicts among Non-functional Requirements. Communications in Computer and Information Science, 2011, , 31-44.	0.4	29
70	An ontological framework to manage the relative conflicts between security and usability requirements. , 2010, , .		23
71	An investigation into the notion of non-functional requirements. , 2010, , .		72
72	Software and the social production of disorder. , 2010, , .		2

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73	A Framework for the Elicitation and Analysis of Information Technology Service Requirements and Their Alignment with Enterprise Business Goals. , 2010, , .		6
74	Knowledge Merging under Multiple Attributes. Lecture Notes in Computer Science, 2010, , 555-560.	1.0	0
75	MUSTER. Advances in Computational Intelligence and Robotics Book Series, 2010, , 146-165.	0.4	0
76	Requirements Engineering Education and Training: Key Challenges and Practical Solutions. , 2009, , .		5
77	An Approach for Comparison of Architecture Level Change Impact Analysis Methods and Their Relevance in Web Systems Evolution. , 2009, , .		4
78	Industrial perspectives on architecture level change impact analysis in Web systems evolution. , 2009, , .		1
79	Teaching Requirements Engineering to the Baháí Students in Iran who are Denied of Higher Education. , 2009, , .		13
80	Performing Projection in Problem Frames Using Scenarios. , 2009, , .		12
81	Interval Time Series Analysis with an Application to the Sterling-Dollar Exchange Rate. Journal of Systems Science and Complexity, 2008, 21, 558-573.	1.6	35
82	A Priority-Based Negotiations Approach for Handling Inconsistencies in Multi-Perspective Software Requirements. Journal of Systems Science and Complexity, 2008, 21, 574-596.	1.6	7
83	Efficacy of alternate day dosing of atorvastatin. Open Medicine (Poland), 2008, 3, 163-166.	0.6	5
84	A Measurement-Driven Process Model for Managing Inconsistent Software Requirements. , 2008, , .		1
85	Requirements Change: What's the Alternative?. , 2008, , .		14
86	Three integration approaches for map and B-SCP requirements engineering techniques. , 2008, , .		3
87	Problem frames and business strategy modelling. , 2008, , .		2
88	How to Combine Requirements Engineering and Interaction Design?. , 2008, , .		5
89	Transforming the Requirements Engineering Classroom Experience. , 2008, , .		0
90	The impacts of non-functional requirements in web system projects. International Journal of Value Chain Management, 2008, 2, 18.	0.1	17

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91	An evolutionary model of requirements correctness with early aspects. , 2007, , .		1
92	Software development as a design or a production project. Journal of Enterprise Information Management, 2007, 20, 70-82.	4.4	11
93	Organisational Readiness and Software Process Improvement. Lecture Notes in Computer Science, 2007, , 96-107.	1.0	9
94	Ten years of Australian workshop on requirements engineering. Requirements Engineering, 2007, 12, 125-125.	2.1	1
95	Optimal-Constraint Lexicons for Requirements Specifications. , 2007, , 203-217.		4
96	Implementing Software Process Improvement Initiatives: An Empirical Study. Lecture Notes in Computer Science, 2006, , 222-233.	1.0	7
97	Critical success factors for software process improvement implementation: an empirical study. Software Process Improvement and Practice, 2006, 11, 193-211.	1.1	177
98	A situational method engineering approach to requirements elicitation workshops in the software development process. Software Process Improvement and Practice, 2006, 11, 451-464.	1.1	27
99	Good requirements practices are neither necessary nor sufficient. Requirements Engineering, 2006, 11, 1-3.	2.1	34
100	A survey of issue resolution on the incremental refinement of the system scope in web system development. , 2006, , .		2
101	A maturity model for the implementation of software process improvement: an empirical study. Journal of Systems and Software, 2005, 74, 155-172.	3.3	210
102	A framework for assisting the design of effective software process improvement implementation strategies. Journal of Systems and Software, 2005, 78, 204-222.	3.3	92
103	Reasoning about inconsistencies in natural language requirements. ACM Transactions on Software Engineering and Methodology, 2005, 14, 277-330.	4.8	146
104	Measuring the expressiveness of a constrained natural language: an empirical study. , 2005, , .		21
105	Requirements Elicitation: A Survey of Techniques, Approaches, and Tools. , 2005, , 19-46.		251
106	Developing a requirements management toolset: lessons learned. , 2004, , .		0
107	Report on the First International Workshop on Comparative Evaluation in Requirements Engineering. Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM, 2004, 29, 1-4.	0.5	1
108	An Industrial Case Study of Immediate Benefits of Requirements Engineering Process Improvement at the Australian Center for Unisys Software. Empirical Software Engineering, 2004, 9, 45-75.	3.0	42

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109	Erratum to â€œOn the interplay between consistency, completeness, and correctness in requirements evolutionâ€•[Information and Software Technology 45 (2003) 993â€“1009]. Information and Software Technology, 2004, 46, 761.	3.0	1
110	Erratum to â€œOn the interplay between consistency, completeness, and correctness in requirements evolutionâ€• Information and Software Technology, 2004, 46, 763-779.	3.0	17
111	A Model for the Implementation of Software Process Improvement: An Empirical Study. Lecture Notes in Computer Science, 2004, , 1-16.	1.0	12
112	Analysis of requirements volatility during software development life cycle. , 2004, , .		117
113	RE challenges in multi-site software development organisations. Requirements Engineering, 2003, 8, 149-160.	2.1	212
114	On the interplay between consistency, completeness, and correctness in requirements evolution. Information and Software Technology, 2003, 45, 993-1009.	3.0	85
115	A model for the implementation of software process improvement: a pilot study. , 2003, , .		14
116	An insight into the interplay between culture, conflict and distance in globally distributed requirements negotiations. , 2003, , .		50
117	The impact of stakeholders' geographical distribution on managing requirements in a multi-site organization. , 2002, , .		96
118	Sizing Use Cases: How to Create a Standard Metrical Approach. Lecture Notes in Computer Science, 2002, , 409-421.	1.0	19
119	A framework for reasoning about requirements evolution. Lecture Notes in Computer Science, 1996, , 157-168.	1.0	17
120	A logical framework for modeling and reasoning about the evolution of requirements. , 0, , .		53
121	A requirements engineering process model based on defaults and revisions. , 0, , .		3
122	Using default reasoning to discover inconsistencies in natural language requirements. , 0, , .		17
123	An industrial experience in process improvement: an early assessment at the Australian Center for Unisys Software. , 0, , .		5
124	A study of the impact of requirements volatility on software project performance. , 0, , .		44
125	Teaching requirements engineering through role playing: lessons learnt. , 0, , .		67
126	Project Management Capability Levels: An Empirical Study. , 0, , .		8

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127	Using card sorting technique to classify requirements change. , 0, , .		30
128	Towards a Collaborative and Combinational Approach to Requirements Elicitation within a Systems Engineering Framework. , 0, , .		3
129	Data Completeness in Healthcare: A Literature Survey. Pacific Asia Journal of the Association for Information Systems, 0, , 75-100.	0.3	12
130	Requirements Elicitation for Complex Systems. , 0, , 27-52.		1
131	MUSTER. , 0, , 620-638.		0