Vincenzo Gervasi

List of Publications by Year
in descending order

41 papers	1,020 citations	623574 14 h-index	477173 29 g-index
48 all docs	48 docs citations	48 times ranked	567 citing authors

#	Article	IF	Citations
1	Reasoning about inconsistencies in natural language requirements. ACM Transactions on Software Engineering and Methodology, 2005, 14, 277-330.	4.8	146
2	On the Systematic Analysis of Natural Language Requirements with CIRCE. Automated Software Engineering, 2006, 13, 107-167.	2.2	109
3	Analysing anaphoric ambiguity in natural language requirements. Requirements Engineering, 2011, 16, 163-189.	2.1	92
4	On the interplay between consistency, completeness, and correctness in requirements evolution. Information and Software Technology, 2003, 45, 993-1009.	3.0	85
5	A linguistic-engineering approach to large-scale requirements management. IEEE Software, 2005, 22, 32-39.	2.1	83
6	Lightweight validation of natural language requirements. Software - Practice and Experience, 2002, 32, 113-133.	2.5	57
7	Coordination without communication: the case of the flocking problem. Discrete Applied Mathematics, 2004, 144, 324-344.	0.5	56
8	A high-level modular definition of the semantics of <mml:math altimg="si1.gif" overflow="scroll" xmlns:xocs="http://www.elsevier.com/xml/xocs/dtd" xmlns:xs="http://www.w3.org/2001/XMLSchema" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="http://www.elsevier.com/xml/ja/dtd" xmlns:ja="http://www.elsevier.com/xml/ja/dtd" xmlns:mml="http://www.w3.org/1998/Math/MathML" xmlns:tb="http://www.elsevier.com/xml/common/table/dtd" xmlns:sb="http://www.elsevier.com/xml/common/struct-bib/dtd" xmlns:ce="http. Theoretical Computer	0.5	45
9	Natural Language Requirements Processing: A 4D Vision. IEEE Software, 2017, 34, 28-35.	2.1	43
10	Extending Nocuous Ambiguity Analysis for Anaphora in Natural Language Requirements. , 2010, , .		29
11	On the Effectiveness of Abstraction Identification in Requirements Engineering. , 2010, , .		28
12	Speculative requirements: Automatic detection of uncertainty in natural language requirements. , 2012, , .		27
13	Supporting traceability through affinity mining. , 2014, , .		22
14	Relevance-based abstraction identification: technique and evaluation. Requirements Engineering, 2011, 16, 251-265.	2.1	20
15	Ambient Abstract State Machines with applications. Journal of Computer and System Sciences, 2012, 78, 939-959.	0.9	19
16	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
17	Conflict characterization and Analysis of Non Functional Requirements: An experimental approach. , 2013, , .		15
18	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

#	Article	IF	Citations
19	Active-U-Datalog: Integrating active rules in a logical update language. Lecture Notes in Computer Science, 1998, , 107-133.	1.0	11
20	ELICA: An Automated Tool for Dynamic Extraction of Requirements Relevant Information. , 2018, , .		10
21	CoreASM Plug-In Architecture. Lecture Notes in Computer Science, 2009, , 147-169.	1.0	8
22	A logical approach to cooperative information systems. The Journal of Logic Programming, 2000, 43, 15-48.	1.9	6
23	Supporting Analysts by Dynamic Extraction and Classification of Requirements-Related Knowledge. , 2019, , .		6
24	Ambiguity in Requirements Engineering: Towards a Unifying Framework. Lecture Notes in Computer Science, 2019, , 191-210.	1.0	5
25	Guest editorial: 10th anniversary workshop on Requirements Engineering: Foundation for Software Quality (REFSQâ€™2004). Requirements Engineering, 2005, 10, 243-246.	2.1	4
26	Mining Requirements Links. Lecture Notes in Computer Science, 2011, , 196-201.	1.0	4
27	Editorial: Natural language in software engineering. IET Software, 2008, 2, 1.	1.5	3
28	Modeling web applications infrastructure with ASMs. Science of Computer Programming, 2014, 94, 69-92.	1.5	2
29	Executable formal specifications of complex distributed systems with CoreASM. Science of Computer Programming, 2014, 79, 23-38.	1.5	2
30	Automated Service Selection Using Natural Language Processing. Communications in Computer and Information Science, 2015, , 3-17.	0.4	2
31	Dynamic Visual Analytics for Elicitation Meetings with ELICA. , 2018, , .		2
32	JASMine: Accessing Java Code from CoreASM. Lecture Notes in Computer Science, 2009, , 170-186.	1.0	2
33	Contribution to a Rigorous Analysis of Web Application Frameworks. Lecture Notes in Computer Science, 2012, , 1-20.	1.0	2
34	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
35	Managing Large Repositories of Natural Language Requirements. , 2005, , 219-244.		1
36	Software Manipulation with Annotations in Java. Lecture Notes in Computer Science, 2008, , 161-184.	1.0	1

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37	Contribution to a Rigorous Analysis of Web Application Frameworks. Lecture Notes in Computer Science, 2012, , 1-20.	1.0	1
38	Who Framed Roger User? Problem Frames as a User Interaction Design Tool. , 2010, , .		0
39	Zombie Swarms: An Investigation on the Behaviour of Your Undead Relatives. Lecture Notes in Computer Science, 2014, , 206-217.	1.0	0
40	Introduction to the special issue of best papers from RE2015 conference. Requirements Engineering, 2016, 21, 309-310.	2.1	0
41	Idea: Enforcing Consumer-Specified Security Properties for Modular Software. Lecture Notes in Computer Science, 2010, , 182-191.	1.0	0