Nicola Guarino

List of Publications by Year
in descending order

59 papers	4,537 citations	331538 21 h-index	243529 44 g-index
64 all docs	64 docs citations	64 times ranked	2459 citing authors

#	Article	IF	Citations
1	DOLCE: A descriptive ontology for linguistic and cognitive engineering1. Applied Ontology, 2022, 17, 45-69.	1.0	24
2	Events, their names, and their synchronic structure. Applied Ontology, 2022, , 1-35.	1.0	5
3	A Pattern Language for Value Modeling in ArchiMate. Lecture Notes in Computer Science, 2019, , 230-245.	1.0	11
4	Relations in Ontology-Driven Conceptual Modeling. Lecture Notes in Computer Science, 2019, , 28-42.	1.0	18
5	The Common Ontology of Value and Risk. Lecture Notes in Computer Science, 2018, , 121-135.	1.0	39
6	Business Process Activity Relationships: Is There Anything Beyond Arrows?. Lecture Notes in Business Information Processing, 2018, , 53-70.	0.8	4
7	Modeling Manufacturing Resources: An Ontological Approach. IFIP Advances in Information and Communication Technology, 2018, , 304-313.	0.5	10
8	On the Notion of Goal in Business Process Models. Lecture Notes in Computer Science, 2018, , 139-151.	1.0	3
9	Business Processes and Their Participants: AnÂOntological Perspective. Lecture Notes in Computer Science, 2017, , 215-228.	1.0	11
10	An Ontological Analysis of Value Propositions. , 2017, , .		23
11	Services as Activities: Towards a Unified Definition for (Public) Services. , 2017, , .		6
12	On the Semantics of Ongoing and Future Occurrence Identifiers. Lecture Notes in Computer Science, 2017, , 477-490.	1.0	17
13	An ontology pattern language for service modeling. , 2016, , .		20
14	How software changes the world: The role of assumptions. , 2016, , .		3
15	Ontological Considerations About the Representation of Events and Endurants in Business Models. Lecture Notes in Computer Science, 2016, , 20-36.	1.0	30
16	Cloud for Europe: The Experience of a Tenderer. , 2016, , .		3
17	Relationships and Events: Towards a General Theory of Reification and Truthmaking. Lecture Notes in Computer Science, 2016, , 237-249.	1.0	29
18	Applied ontology: The next decade begins. Applied Ontology, 2015, 10, 1-4.	1.0	23

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19	Ten years of Applied Ontology. Applied Ontology, 2015, 10, 169-170.	1.0	9
20	A commitment-based reference ontology for services. Information Systems, 2015, 54, 263-288.	2.4	75
21	â€œWe Need to Discuss the Relationshipâ€¹ Revisiting Relationships as Modeling Constructs. Lecture Notes in Computer Science, 2015, , 279-294.	1.0	38
22	Towards a Service Ontology Pattern Language. Lecture Notes in Computer Science, 2015, , 187-195.	1.0	5
23	Software as a Social Artifact: A Management and Evolution Perspective. Lecture Notes in Computer Science, 2014, , 321-334.	1.0	4
24	Artefactual Systems, Missing Components and Replaceability. Synthese Library, 2014, , 191-206.	0.1	3
25	A well-founded ontological framework for modeling personal income tax. , 2013, , .		6
26	Towards a Commitment-Based Reference Ontology for Services. , 2013, , .		25
27	Ontology for Big Systems: The Ontology Summit 2012 CommuniquÃ©. Applied Ontology, 2012, 7, 357-371.	1.0	11
28	Commitment-Based Modeling of Service Systems. Lecture Notes in Business Information Processing, 2012, , 170-185.	0.8	18
29	Open Ontology-Driven Sociotechnical Systems: Transparency as a Key for Business Resiliency. , 2012, , 535-542.		8
30	4.1. Fondamenti ontologici per una scienza dei servizi. Rivista Di Estetica, 2012, , 227-246.	0.1	0
31	Creating the ontologists of the future. Applied Ontology, 2011, 6, 91-98.	1.0	7
32	Towards an Ontological Foundation for Services Science: The Legal Perspective. , 2011, , 235-258.		19
33	The Ontological Level: Revisiting 30 Years of Knowledge Representation. Lecture Notes in Computer Science, 2009, , 52-67.	1.0	49
34	What Is an Ontology?. , 2009, , 1-17.		549
35	An Overview of OntoClean. , 2009, , 201-220.		144
36	Towards an Ontological Foundation for Services Science. Lecture Notes in Computer Science, 2009, , 152-169.	1.0	72

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37	An Ontologically Well-Founded Profile for UML Conceptual Models. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2004, , 112-126.	0.2	55
38	An Overview of OntoClean. , 2004, , 151-171.		127
39	Evaluating ontological decisions with OntoClean. Communications of the ACM, 2002, 45, 61-65.	3.3	520
40	Sweetening Ontologies with DOLCE. Lecture Notes in Computer Science, 2002, , 166-181.	1.0	497
41	Ontology-Driven Conceptual Modelling: Advanced Concepts. Lecture Notes in Computer Science, 2002, , 12-12.	1.0	6
42	Identity and Subsumption. Information Science and Knowledge Management, 2002, , 111-126.	0.1	37
43	Supporting ontological analysis of taxonomic relationships. Data and Knowledge Engineering, 2001, 39, 51-74.	2.1	219
44	A Formal Ontology of Properties. Lecture Notes in Computer Science, 2000, , 97-112.	1.0	173
45	Ontological Analysis of Taxonomic Relationships. Lecture Notes in Computer Science, 2000, , 210-224.	1.0	72
46	Towards Ontology-Based Harmonization of Web Content Standards. Lecture Notes in Computer Science, 2000, , 1-6.	1.0	2
47	The Role of Identity Conditions in Ontology Design. Lecture Notes in Computer Science, 1999, , 221-234.	1.0	17
48	Semantic matching: Formal ontological distinctions for information organization, extraction, and integration. Lecture Notes in Computer Science, 1997, , 139-170.	1.0	155
49	Understanding, building and using ontologies. International Journal of Human Computer Studies, 1997, 46, 293-310.	3.7	315
50	Modeling parts and wholes. Data and Knowledge Engineering, 1996, 20, 257-258.	2.1	9
51	Part-whole relations in object-centered systems: An overview. Data and Knowledge Engineering, 1996, 20, 347-383.	2.1	149
52	Formal ontology, conceptual analysis and knowledge representation. International Journal of Human Computer Studies, 1995, 43, 625-640.	3.7	605
53	An Ontology of Meta-Level Categories. , 1994, , 270-280.		85
54	Concepts, attributes and arbitrary relations. Data and Knowledge Engineering, 1992, 8, 249-261.	2.1	125

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55	A concise presentation of ITL. ACM SIGART Bulletin, 1991, 2, 61-69.	0.5	12
56	A concise presentation of ITL. , 1991, , 141-160.		3
57	A mini-description of the ITL system. , 1991, , 408-410.		0
58	Representing domain structure of many-sorted Prolog knowledge bases. Lecture Notes in Computer Science, 1988, , 168-183.	1.0	1
59	Interfacing WordNet with DOLCE: towards OntoWordNet. , 0, , 36-52.		10