Sergei Nirenburg

List of Publications by Year
in descending order

71	682	840776 11	839539 18
papers	citations	h-index	g-index

76	76	76	308
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Overcoming the Knowledge Bottleneck Using Lifelong Learning by Social Agents. Lecture Notes in Computer Science, 2021, , 24-29.	1.3	0
2	A Response to NÃºÃ±ez et al.'s (2019) â€œWhat Happened to Cognitive Science?â€• Topics in Cognitive Science, 2019, 11, 914-917.	1.9	5
3	Context for language understanding by intelligent agents. Applied Ontology, 2019, 14, 415-449.	2.0	3
4	Cognitive Systems: Toward Human-Level Functionality. AI Magazine, 2017, 38, 5-12.	1.6	6
5	Guest Editors' Note. AI Magazine, 2017, 38, 3-4.	1.6	57
6	Fast Forward Through Opportunistic Incremental Meaning Representation Construction. , 2017, , .		0
7	Natural Language Processing. , 2016, , .		0
8	The Interplay of Language Processing, Reasoning and Decision-Making in Cognitive Computing. Lecture Notes in Computer Science, 2015, , 167-179.	1.3	3
9	Cognitive Systems as Explanatory Artificial Intelligence. Text, Speech and Language Technology, 2015, , 37-49.	0.2	1
10	The Ontological Semantic treatment of multiword expressions. Lingvisticae Investigationes, 2015, 38, 73-110.	0.3	3
11	Decision-Making During Language Understanding by Intelligent Agents. Lecture Notes in Computer Science, 2015, , 310-319.	1.3	1
12	Modeling decision-making biases. Biologically Inspired Cognitive Architectures, 2013, 3, 39-50.	0.9	15
13	Use of Ontology, Lexicon and Fact Repository for Reference Resolution in Ontological Semantics. Theory and Applications of Natural Language Processing, 2013, , 157-185.	0.3	6
14	A KNOWLEDGE REPRESENTATION LANGUAGE FOR NATURAL LANGUAGE PROCESSING, SIMULATION AND REASONING. International Journal of Semantic Computing, 2012, 06, 3-23.	0.5	14
15	Inconsistency as a diagnostic tool in a society of intelligent agents. Artificial Intelligence in Medicine, 2012, 55, 137-148.	6.5	21
16	Ontology, lexicon, and fact repository as leveraged to interpret events of change. , 2010, , 98-121.		0
17	Reference Resolution Supporting Lexical Disambiguation. , 2010, , .		2
18	Striking a Balance: Human and Computer Contributions to Learning through Semantic Analysis. , 2010, , .		1

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19	Reports of the AAAI 2009 Spring Symposia. AI Magazine, 2009, 30, 89.	1.6	0
20	The idiom-reference connection. , 2008, , .		1
21	Learning by Reading by Learning to Read. , 2007, , .		24
22	Knowledge-Based Modeling and Simulation of Diseases with Highly Differentiated Clinical Manifestations. Lecture Notes in Computer Science, 2007, , 34-43.	1.3	6
23	Homer, the Author of The Iliad and the Computational-Linguistic Turn. , 2007, , 159-193.		0
24	Text Understanding Agents and the Semantic Web. , 2006, , .		18
25	An NLP Lexicon as a Largely Language-Independent Resource. Machine Translation, 2005, 19, 139-173.	1.3	18
26	Semantically rich human-aided machine annotation. , 2005, , .		10
27	Mood and modality: out of theory and into the fray. Natural Language Engineering, 2004, 10, 57-89.	2.5	11
28	OntoSem methods for processing semantic ellipsis. , 2004, , .		4
29	OntoSem and SIMPLE. , 2004, , .		5
30	Question answering using ontological semantics. , 2004, , .		12
31	Evaluating the performance of the OntoSem semantic analyzer. , 2004, , .		11
32	Parameterizing and Eliciting Text Elements across Languages for Use in Natural Language Processing Systems. Machine Translation, 2003, 18, 129-165.	1.3	4
33	Blasting Open a Choice Space: Learning Inflectional Morphology for NLP. Computational Intelligence, 2003, 19, 111-135.	3.2	3
34	Operative strategies in ontological semantics. , 2003, , .		5
35	Embedding Knowledge Elicitation and MT Systems within a Single Architecture. Machine Translation, 2002, 17, 271-305.	1.3	3
36	Ontological semantics, formal ontology, and ambiguity. , 2001, , .		26

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37	What's in a symbol: ontology, representation and language. Journal of Experimental and Theoretical Artificial Intelligence, 2001, 13, 9-23.	2.8	21
38	Bootstrapping Morphological Analyzers by Combining Human Elicitation and Machine Learning. Computational Linguistics, 2001, 27, 59-85.	3.3	29
39	Choices for Lexical Semantics. Computational Intelligence, 2001, 17, 157-177.	3.2	6
40	Ontology in information security. , 2001, , .		69
41	Machine translation. Advances in Computers, 2000, 52, 159-188.	1.6	3
42	Supply-Side and Demand-Side Lexical Semantics. Text, Speech and Language Technology, 1999, , 283-298.	0.2	4
43	Lexical Rules for Deverbal Adjectives. Text, Speech and Language Technology, 1999, , 99-119.	0.2	4
44	An Applied Ontological Semantic Microtheory of Adjective Meaning for Natural Language Processing. Machine Translation, 1998, 13, 135-227.	1.3	21
45	Rapid Deployment Morphology. Machine Translation, 1998, 13, 239-268.	1.3	2
46	Machine translation: a hybrid view. IEEE Intelligent Systems, 1996, 11, 12-14.	1.0	2
47	Knowledge elicitation for authoring patent claims. Computer, 1996, 29, 57-63.	1.1	7
48	Adjectival modification in text meaning representation. , 1996, , .		8
49	From submit to submitted via submission. , 1996, , .		14
50	A lexicon for knowledge-based MT. Machine Translation, 1995, 10, 5-57.	1.3	28
51	Construction-Based MT Lexicons. , 1994, , 321-338.		4
52	Lexical and Conceptual Structure for Knowledge-Based Machine Translation. Studies in Linguistics and Philosophy, 1993, , 291-323.	0.0	3
53	Application-oriented computational semantics. , 1992, , 223-256.		9
54	Text planning with opportunistic control. Machine Translation, 1992, 7, 99.	1.3	2

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55	Syntax-driven and ontology-driven lexical semantics. Lecture Notes in Computer Science, 1992, , 5-20.	1.3	12
56	Practical world modeling for NLP applications. , 1992, , .		2
57	Lexicon, ontology, and text meaning. Lecture Notes in Computer Science, 1992, , 289-303.	1.3	5
58	On language-independent inputs for multilingual generation. Lecture Notes in Computer Science, 1992, , 303-305.	1.3	0
59	Lexicographic Support for Knowledge-Based Machine Translation. Literary and Linguistic Computing, 1989, 4, 185-190.	0.6	0
60	Generation. Machine Translation, 1989, 4, 149-168.	1.3	3
61	Knowledge-based machine translation. Machine Translation, 1989, 4, 5-24.	1.3	39
62	Knowledge representation support. Machine Translation, 1989, 4, 25-52.	1.3	7
63	Lexicons. Machine Translation, 1989, 4, 67-112.	1.3	4
64	A framework for lexical selection in natural language generation. , 1988, , .		26
65	Lexical selection in the process of language generation. , 1987, , .		14
66	The analysis lexicon and the lexicon management system. Computers and Translation, 1987, 2, 177-188.	0.1	10
67	Parsing in parallel. Computer Languages, Systems and Structures, 1986, 11, 39-51.	0.3	6
68	Machine translation of natural languages. ACM SIGART Bulletin, 1985, , 128-144.	0.5	2
69	Towards a data model for artificial intelligence applications. , 1984, , .		1
70	HUHU: The Hebrew University Hebrew Understander. Computer Languages, Systems and Structures, 1984, 9, 161-182.	0.3	5
71	Tools for Machine-Aided Translation: The CMU TWS. Meta, 0, 37, 709-720.	0.3	3