Steven Schockaert

List of Publications by Year
in descending order

94 papers	966 citations	687220 13 h-index	610775 24 g-index
97 all docs	97 docs citations	97 times ranked	561 citing authors

#	Article	IF	Citations
1	Spatial reasoning in a fuzzy region connection calculus. Artificial Intelligence, 2009, 173, 258-298.	3.9	66
2	Temporal reasoning about fuzzy intervals. Artificial Intelligence, 2008, 172, 1158-1193.	3.9	56
3	Fuzzifying Allen's Temporal Interval Relations. IEEE Transactions on Fuzzy Systems, 2008, 16, 517-533.	6.5	48
4	Inducing semantic relations from conceptual spaces: A data-driven approach to plausible reasoning. Artificial Intelligence, 2015, 228, 66-94.	3.9	47
5	Finding locations of flickr resources using language models and similarity search. , 2011, , .		45
6	Fuzzy region connection calculus: Representing vague topological information. International Journal of Approximate Reasoning, 2008, 48, 314-331.	1.9	34
7	Generalized possibilistic logic: Foundations and applications to qualitative reasoning about uncertainty. Artificial Intelligence, 2017, 252, 139-174.	3.9	32
8	Fuzzy region connection calculus: An interpretation based on closeness. International Journal of Approximate Reasoning, 2008, 48, 332-347.	1.9	27
9	Georeferencing Flickr resources based on textual meta-data. Information Sciences, 2013, 238, 52-74.	4.0	27
10	Spatially Aware Term Selection for Geotagging. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 221-234.	4.0	27
11	Neighborhood restrictions in geographic IR. , 2007, , .		23
12	Generating approximate region boundaries from heterogeneous spatial information: An evolutionary approach. Information Sciences, 2011, 181, 257-283.	4.0	20
13	Interpolative and extrapolative reasoning in propositional theories using qualitative knowledge about conceptual spaces. Artificial Intelligence, 2013, 202, 86-131.	3.9	20
14	Towards automated georeferencing of Flickr photos. , 2010, , .		17
15	Using social media to find places of interest. , 2012, , .		16
16	MEmbER. , 2017, , .		16
17	Georeferencing Wikipedia Documents Using Data from Social Media Sources. ACM Transactions on Information Systems, 2014, 32, 1-32.	3.8	14
18	General Fuzzy Answer Set Programs. Lecture Notes in Computer Science, 2009, , 352-359.	1.0	14

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19	Clustering web search results using fuzzy ants. International Journal of Intelligent Systems, 2007, 22, 455-474.	3.3	13
20	Automatic Acquisition of Fuzzy Footprints. Lecture Notes in Computer Science, 2005, , 1077-1086.	1.0	13
21	Interpolation and Extrapolation in Conceptual Spaces: A Case Study in the Music Domain. Lecture Notes in Computer Science, 2011, , 217-231.	1.0	13
22	Vague regions in Geographic Information Retrieval. SIGSPATIAL Special, 2011, 3, 24-28.	2.5	12
23	Solving conflicts in information merging by a flexible interpretation of atomic propositions. Artificial Intelligence, 2011, 175, 1815-1855.	3.9	12
24	Detecting Places of Interest Using Social Media. , 2012, , .		12
25	Discovering and Characterizing Places of Interest Using Flickr and Twitter. International Journal on Semantic Web and Information Systems, 2013, 9, 77-104.	2.2	12
26	Predicting environmental features by learning spatiotemporal embeddings from social media. Ecological Informatics, 2020, 55, 101031.	2.3	12
27	Fuzzy Spatial Relations between Vague Regions. , 2006, , .		11
28	Reasoning about fuzzy temporal information from the web: towards retrieval of historical events. Soft Computing, 2010, 14, 869-886.	2.1	11
29	Using semi-structured data for assessing research paper similarity. Information Sciences, 2013, 221, 245-261.	4.0	11
30	Complexity of fuzzy answer set programming under Łukasiewicz semantics. International Journal of Approximate Reasoning, 2014, 55, 1971-2003.	1.9	11
31	Mining Topological Relations from the Web. , 2008, , .		10
32	Satisfiability Checking in Łukasiewicz Logic as Finite Constraint Satisfaction. Journal of Automated Reasoning, 2012, 49, 493-550.	1.1	10
33	Categorizing events using spatio-temporal and user features from Flickr. Information Sciences, 2016, 328, 76-96.	4.0	10
34	A Latent Variable Model for Learning Distributional Relation Vectors. , 2019, , .		10
35	Fuzzy Equilibrium Logic. ACM Transactions on Computational Logic, 2012, 13, 1-39.	0.7	9
36	Reducing fuzzy answer set programming to model finding in fuzzy logics. Theory and Practice of Logic Programming, 2012, 12, 811-842.	1.1	9

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37	A core language for fuzzy answer set programming. International Journal of Approximate Reasoning, 2012, 53, 660-692.	1.9	8
38	Semantics for possibilistic answer set programs: Uncertain rules versus rules with uncertain conclusions. International Journal of Approximate Reasoning, 2014, 55, 739-761.	1.9	8
39	Characterizing and extending answer set semantics using possibility theory. Theory and Practice of Logic Programming, 2015, 15, 79-116.	1.1	8
40	Modelling incomplete information in Boolean games using possibilistic logic. International Journal of Approximate Reasoning, 2018, 93, 1-23.	1.9	8
41	Acquiring Vague Temporal Information from the Web. , 2008, , .		7
42	Modelling nearness and cardinal directions between fuzzy regions. , 2008, , .		7
43	Possible and Necessary Answer Sets of Possibilistic Answer Set Programs. , 2012, , .		7
44	Georeferencing Flickr photos using language models at different levels of granularity: An evidence based approach. Web Semantics, 2012, 16, 17-31.	2.2	7
45	Repairing inconsistent answer set programs using rules of thumb: A gene regulatory networks case study. International Journal of Approximate Reasoning, 2017, 83, 243-264.	1.9	7
46	Question Answering with Imperfect Temporal Information. Lecture Notes in Computer Science, 2006, , 647-658.	1.0	7
47	Answer Sets in a Fuzzy Equilibrium Logic. Lecture Notes in Computer Science, 2009, , 135-149.	1.0	7
48	Fuzzy Answer Set Programming: An Introduction. Studies in Fuzziness and Soft Computing, 2013, , 209-222.	0.6	6
49	On the relationship between fuzzy autoepistemic logic and fuzzy modal logics of belief. Fuzzy Sets and Systems, 2015, 276, 74-99.	1.6	6
50	Realizing RCC8 networks using convex regions. Artificial Intelligence, 2015, 218, 74-105.	3.9	6
51	Imprecise Temporal Interval Relations. Lecture Notes in Computer Science, 2006, , 108-113.	1.0	6
52	Ontology Completion Using Graph Convolutional Networks. Lecture Notes in Computer Science, 2019, , 435-452.	1.0	6
53	Completing Symbolic Rule Bases Using Betweenness and Analogical Proportion. Studies in Computational Intelligence, 2014, , 195-215.	0.7	6
54	Efficient Algorithms for Fuzzy Qualitative Temporal Reasoning. IEEE Transactions on Fuzzy Systems, 2009, 17, 794-808.	6.5	5

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55	The Benchmark as a Research Catalyst: Charting the Progress of Geo-prediction for Social Multimedia. , 2015, , 5-40.		5
56	Completing rule bases in symbolic domains by analogy making. , 2011, , .		5
57	An Exploratory Study on Content-Based Filtering of Call for Papers. Lecture Notes in Computer Science, 2013, , 58-69.	1.0	5
58	Reasoning about vague topological information. , 2007, , .		4
59	Aggregated Fuzzy Answer Set Programming. Annals of Mathematics and Artificial Intelligence, 2011, 63, 103-147.	0.9	4
60	Indexing large geographic datasets with compact qualitative representation. International Journal of Geographical Information Science, 2016, 30, 1072-1094.	2.2	4
61	Finite Satisfiability in Infinite-Valued Åukasiewicz Logic. Lecture Notes in Computer Science, 2009, , 240-254.	1.0	4
62	Metadata Impact on Research Paper Similarity. Lecture Notes in Computer Science, 2010, , 457-460.	1.0	4
63	Fuzzy Methods on the Web: A Critical Discussion. Studies in Fuzziness and Soft Computing, 2010, , 237-266.	0.6	4
64	Solving Disjunctive Fuzzy Answer Set Programs. Lecture Notes in Computer Science, 2015, , 453-466.	1.0	4
65	Merging Conflicting Propositional Knowledge by Similarity. , 2009, , .		3
66	Georeferencing in Social Networks. Computer Communications and Networks, 2013, , 115-141.	0.8	3
67	Computing attractors of multi-valued Gene Regulatory Networks using Fuzzy Answer Set Programming. , 2016, , .		3
68	Exact and heuristic methods for solving Boolean games. Autonomous Agents and Multi-Agent Systems, 2017, 31, 66-106.	1.3	3
69	Modeling multi-valued biological interaction networks using fuzzy answer set programming. Fuzzy Sets and Systems, 2018, 345, 63-82.	1.6	3
70	Enriching Taxonomies of Place Types Using Flickr. Lecture Notes in Computer Science, 2014, , 174-192.	1.0	3
71	Introduction: Uncertainty Issues in Spatial Information. Studies in Fuzziness and Soft Computing, 2010, , 1-11.	0.6	3
72	Weak and Strong Disjunction in Possibilistic ASP. Lecture Notes in Computer Science, 2011, , 475-488.	1.0	3

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73	Repairing Inconsistent Taxonomies Using MAP Inference and Rules of Thumb. , 2014, , .		2
74	Few-Shot Image Classification with Multi-Facet Prototypes. , 2021, , .		2
75	Fuzzy Autoepistemic Logic: Reflecting about Knowledge of Truth Degrees. Lecture Notes in Computer Science, 2011, , 616-627.	1.0	2
76	Possibilistic Boolean Games: Strategic Reasoning under Incomplete Information. Lecture Notes in Computer Science, 2014, , 196-209.	1.0	2
77	Expressiveness of communication in answer set programming. Theory and Practice of Logic Programming, 2013, 13, 361-394.	1.1	1
78	Fuzzy autoepistemic logic and its relation to fuzzy answer set programming. Fuzzy Sets and Systems, 2014, 239, 51-80.	1.6	1
79	Solving stable matching problems using answer set programming. Theory and Practice of Logic Programming, 2016, 16, 247-268.	1.1	1
80	Embedding Geographic Locations for Modelling the Natural Environment Using Flickr Tags and Structured Data. Lecture Notes in Computer Science, 2019, , 51-66.	1.0	1
81	Georeferencing Flickr Photos Using Language Models at Different Levels of Granularity: An Evidence Based Approach. SSRN Electronic Journal, 0, , .	0.4	1
82	Meemi: A simple method for post-processing and integrating cross-lingual word embeddings. Natural Language Engineering, 2023, 29, 746-768.	2.1	1
83	Reasoning about Betweenness and RCC8 Constraints in Qualitative Conceptual Spaces. , 2018, , .		1
84	Fuzzy temporal and spatial reasoning for intelligent information retrieval. , 2007, , .		0
85	Estimating the semantic type of events using location features from Flickr. , 2014, , .		0
86	Georeferencing Flickr Resources Based on Multimodal Features. , 2015, , 127-152.		0
87	Generating Fuzzy Regions from Conflicting Spatial Information. Studies in Fuzziness and Soft Computing, 2010, , 211-239.	0.6	0
88	Communicating ASP and the Polynomial Hierarchy. Lecture Notes in Computer Science, 2011, , 67-79.	1.0	0
89	Using Rules of Thumb for Repairing Inconsistent Answer Set Programs. Lecture Notes in Computer Science, 2015, , 368-381.	1.0	0
90	A Unified Posterior Regularized Topic Model with Maximum Margin for Learning-to-Rank. , 2015, , .		0

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91	Fuzzy Answer Set Programming: From Theory to Practice. Studies in Computational Intelligence, 2020, , 213-228.	0.7	0
92	Discovering and Characterizing Places of Interest Using Flickr and Twitter. , 0, , 393-420.		0
93	Special issue on historical and future perspectives of AI. AI Communications, 2022, 34, 179-179.	0.8	0
94	Highlights of AI Research in Europe. AI Communications, 2022, , 1-1.	0.8	0