

# Steven Schockaert

## List of Publications by Year in descending order

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Version: 2024-02-01

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	Meemi: A simple method for post-processing and integrating cross-lingual word embeddings. Natural Language Engineering, 2023, 29, 746-768.	2.1	1
2	Special issue on historical and future perspectives of AI. AI Communications, 2022, 34, 179-179.	0.8	0
3	Highlights of AI Research in Europe. AI Communications, 2022, , 1-1.	0.8	0
4	Few-Shot Image Classification with Multi-Facet Prototypes. , 2021, , .		2
5	Predicting environmental features by learning spatiotemporal embeddings from social media. Ecological Informatics, 2020, 55, 101031.	2.3	12
6	Fuzzy Answer Set Programming: From Theory to Practice. Studies in Computational Intelligence, 2020, , 213-228.	0.7	0
7	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
8	Ontology Completion Using Graph Convolutional Networks. Lecture Notes in Computer Science, 2019, , 435-452.	1.0	6
9	A Latent Variable Model for Learning Distributional Relation Vectors. , 2019, , .		10
10	Modeling multi-valued biological interaction networks using fuzzy answer set programming. Fuzzy Sets and Systems, 2018, 345, 63-82.	1.6	3
11	Modelling incomplete information in Boolean games using possibilistic logic. International Journal of Approximate Reasoning, 2018, 93, 1-23.	1.9	8
12	Reasoning about Betweenness and RCC8 Constraints in Qualitative Conceptual Spaces. , 2018, , .		1
13	Exact and heuristic methods for solving Boolean games. Autonomous Agents and Multi-Agent Systems, 2017, 31, 66-106.	1.3	3
14	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
15	Generalized possibilistic logic: Foundations and applications to qualitative reasoning about uncertainty. Artificial Intelligence, 2017, 252, 139-174.	3.9	32
16	MEmbER. , 2017, , .		16
17	Computing attractors of multi-valued Gene Regulatory Networks using Fuzzy Answer Set Programming. , 2016, , .		3
18	Categorizing events using spatio-temporal and user features from Flickr. Information Sciences, 2016, 328, 76-96.	4.0	10

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19	Solving stable matching problems using answer set programming. Theory and Practice of Logic Programming, 2016, 16, 247-268.	1.1	1
20	Indexing large geographic datasets with compact qualitative representation. International Journal of Geographical Information Science, 2016, 30, 1072-1094.	2.2	4
21	Characterizing and extending answer set semantics using possibility theory. Theory and Practice of Logic Programming, 2015, 15, 79-116.	1.1	8
22	Georeferencing Flickr Resources Based on Multimodal Features. , 2015, , 127-152.		0
23	On the relationship between fuzzy autoepistemic logic and fuzzy modal logics of belief. Fuzzy Sets and Systems, 2015, 276, 74-99.	1.6	6
24	The Benchmark as a Research Catalyst: Charting the Progress of Geo-prediction for Social Multimedia. , 2015, , 5-40.		5
25	Inducing semantic relations from conceptual spaces: A data-driven approach to plausible reasoning. Artificial Intelligence, 2015, 228, 66-94.	3.9	47
26	Realizing RCC8 networks using convex regions. Artificial Intelligence, 2015, 218, 74-105.	3.9	6
27	Using Rules of Thumb for Repairing Inconsistent Answer Set Programs. Lecture Notes in Computer Science, 2015, , 368-381.	1.0	0
28	Solving Disjunctive Fuzzy Answer Set Programs. Lecture Notes in Computer Science, 2015, , 453-466.	1.0	4
29	A Unified Posterior Regularized Topic Model with Maximum Margin for Learning-to-Rank. , 2015, , .		0
30	Georeferencing Wikipedia Documents Using Data from Social Media Sources. ACM Transactions on Information Systems, 2014, 32, 1-32.	3.8	14
31	Estimating the semantic type of events using location features from Flickr. , 2014, , .		0
32	Repairing Inconsistent Taxonomies Using MAP Inference and Rules of Thumb. , 2014, , .		2
33	Fuzzy autoepistemic logic and its relation to fuzzy answer set programming. Fuzzy Sets and Systems, 2014, 239, 51-80.	1.6	1
34	Complexity of fuzzy answer set programming under $\text{\AA}$ ukasiewicz semantics. International Journal of Approximate Reasoning, 2014, 55, 1971-2003.	1.9	11
35	Spatially Aware Term Selection for Geotagging. IEEE Transactions on Knowledge and Data Engineering, 2014, 26, 221-234.	4.0	27
36	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

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37	Enriching Taxonomies of Place Types Using Flickr. Lecture Notes in Computer Science, 2014, , 174-192.	1.0	3
38	Completing Symbolic Rule Bases Using Betweenness and Analogical Proportion. Studies in Computational Intelligence, 2014, , 195-215.	0.7	6
39	Possibilistic Boolean Games: Strategic Reasoning under Incomplete Information. Lecture Notes in Computer Science, 2014, , 196-209.	1.0	2
40	Georeferencing in Social Networks. Computer Communications and Networks, 2013, , 115-141.	0.8	3
41	Fuzzy Answer Set Programming: An Introduction. Studies in Fuzziness and Soft Computing, 2013, , 209-222.	0.6	6
42	Using semi-structured data for assessing research paper similarity. Information Sciences, 2013, 221, 245-261.	4.0	11
43	Interpolative and extrapolative reasoning in propositional theories using qualitative knowledge about conceptual spaces. Artificial Intelligence, 2013, 202, 86-131.	3.9	20
44	Georeferencing Flickr resources based on textual meta-data. Information Sciences, 2013, 238, 52-74.	4.0	27
45	Expressiveness of communication in answer set programming. Theory and Practice of Logic Programming, 2013, 13, 361-394.	1.1	1
46	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
47	An Exploratory Study on Content-Based Filtering of Call for Papers. Lecture Notes in Computer Science, 2013, , 58-69.	1.0	5
48	Using social media to find places of interest. , 2012, , .		16
49	Fuzzy Equilibrium Logic. ACM Transactions on Computational Logic, 2012, 13, 1-39.	0.7	9
50	Detecting Places of Interest Using Social Media. , 2012, , .		12
51	Possible and Necessary Answer Sets of Possibilistic Answer Set Programs. , 2012, , .		7
52	Reducing fuzzy answer set programming to model finding in fuzzy logics. Theory and Practice of Logic Programming, 2012, 12, 811-842.	1.1	9
53	Satisfiability Checking in $\mathcal{A}$ ukasiewicz Logic as Finite Constraint Satisfaction. Journal of Automated Reasoning, 2012, 49, 493-550.	1.1	10
54	Georeferencing Flickr photos using language models at different levels of granularity: An evidence based approach. Web Semantics, 2012, 16, 17-31.	2.2	7

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55	A core language for fuzzy answer set programming. <i>International Journal of Approximate Reasoning</i> , 2012, 53, 660-692.	1.9	8
56	Vague regions in Geographic Information Retrieval. <i>SIGSPATIAL Special</i> , 2011, 3, 24-28.	2.5	12
57	Aggregated Fuzzy Answer Set Programming. <i>Annals of Mathematics and Artificial Intelligence</i> , 2011, 63, 103-147.	0.9	4
58	Generating approximate region boundaries from heterogeneous spatial information: An evolutionary approach. <i>Information Sciences</i> , 2011, 181, 257-283.	4.0	20
59	Solving conflicts in information merging by a flexible interpretation of atomic propositions. <i>Artificial Intelligence</i> , 2011, 175, 1815-1855.	3.9	12
60	Finding locations of flickr resources using language models and similarity search. , 2011, , .		45
61	Fuzzy Autoepistemic Logic: Reflecting about Knowledge of Truth Degrees. <i>Lecture Notes in Computer Science</i> , 2011, , 616-627.	1.0	2
62	Interpolation and Extrapolation in Conceptual Spaces: A Case Study in the Music Domain. <i>Lecture Notes in Computer Science</i> , 2011, , 217-231.	1.0	13
63	Weak and Strong Disjunction in Possibilistic ASP. <i>Lecture Notes in Computer Science</i> , 2011, , 475-488.	1.0	3
64	Completing rule bases in symbolic domains by analogy making. , 2011, , .		5
65	Communicating ASP and the Polynomial Hierarchy. <i>Lecture Notes in Computer Science</i> , 2011, , 67-79.	1.0	0
66	Reasoning about fuzzy temporal information from the web: towards retrieval of historical events. <i>Soft Computing</i> , 2010, 14, 869-886.	2.1	11
67	Towards automated georeferencing of Flickr photos. , 2010, , .		17
68	Introduction: Uncertainty Issues in Spatial Information. <i>Studies in Fuzziness and Soft Computing</i> , 2010, , 1-11.	0.6	3
69	Metadata Impact on Research Paper Similarity. <i>Lecture Notes in Computer Science</i> , 2010, , 457-460.	1.0	4
70	Fuzzy Methods on the Web: A Critical Discussion. <i>Studies in Fuzziness and Soft Computing</i> , 2010, , 237-266.	0.6	4
71	Generating Fuzzy Regions from Conflicting Spatial Information. <i>Studies in Fuzziness and Soft Computing</i> , 2010, , 211-239.	0.6	0
72	Spatial reasoning in a fuzzy region connection calculus. <i>Artificial Intelligence</i> , 2009, 173, 258-298.	3.9	66

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73	Efficient Algorithms for Fuzzy Qualitative Temporal Reasoning. IEEE Transactions on Fuzzy Systems, 2009, 17, 794-808.	6.5	5
74	Merging Conflicting Propositional Knowledge by Similarity. , 2009, , .		3
75	General Fuzzy Answer Set Programs. Lecture Notes in Computer Science, 2009, , 352-359.	1.0	14
76	Finite Satisfiability in Infinite-Valued Łukasiewicz Logic. Lecture Notes in Computer Science, 2009, , 240-254.	1.0	4
77	Answer Sets in a Fuzzy Equilibrium Logic. Lecture Notes in Computer Science, 2009, , 135-149.	1.0	7
78	Temporal reasoning about fuzzy intervals. Artificial Intelligence, 2008, 172, 1158-1193.	3.9	56
79	Fuzzy region connection calculus: Representing vague topological information. International Journal of Approximate Reasoning, 2008, 48, 314-331.	1.9	34
80	Fuzzy region connection calculus: An interpretation based on closeness. International Journal of Approximate Reasoning, 2008, 48, 332-347.	1.9	27
81	Mining Topological Relations from the Web. , 2008, , .		10
82	Acquiring Vague Temporal Information from the Web. , 2008, , .		7
83	Fuzzifying Allen's Temporal Interval Relations. IEEE Transactions on Fuzzy Systems, 2008, 16, 517-533.	6.5	48
84	Modelling nearness and cardinal directions between fuzzy regions. , 2008, , .		7
85	Reasoning about vague topological information. , 2007, , .		4
86	Neighborhood restrictions in geographic IR. , 2007, , .		23
87	Fuzzy temporal and spatial reasoning for intelligent information retrieval. , 2007, , .		0
88	Clustering web search results using fuzzy ants. International Journal of Intelligent Systems, 2007, 22, 455-474.	3.3	13
89	Fuzzy Spatial Relations between Vague Regions. , 2006, , .		11
90	Imprecise Temporal Interval Relations. Lecture Notes in Computer Science, 2006, , 108-113.	1.0	6

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91	Question Answering with Imperfect Temporal Information. Lecture Notes in Computer Science, 2006, , 647-658.	1.0	7
92	Automatic Acquisition of Fuzzy Footprints. Lecture Notes in Computer Science, 2005, , 1077-1086.	1.0	13
93	Georeferencing Flickr Photos Using Language Models at Different Levels of Granularity: An Evidence Based Approach. SSRN Electronic Journal, 0, , .	0.4	1
94	Discovering and Characterizing Places of Interest Using Flickr and Twitter. , 0, , 393-420.		0