

# Peter GÃrdenfors

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

5,723  
citations

279778

23  
h-index

110368

64  
g-index

105  
all docs

105  
docs citations

105  
times ranked

2257  
citing authors

#	ARTICLE	IF	CITATIONS
1	On the logic of theory change: Partial meet contraction and revision functions. <i>Journal of Symbolic Logic</i> , 1985, 50, 510-530.	0.5	2,254
2	<i>Conceptual Spaces</i> . , 2000, , .		872
3	Navigating cognition: Spatial codes for human thinking. <i>Science</i> , 2018, 362, .	12.6	371
4	<i>The Geometry of Meaning</i> . , 2014, , .		255
5	Nonmonotonic inference based on expectations. <i>Artificial Intelligence</i> , 1994, 65, 197-245.	5.8	222
6	Belief Revisions and the Ramsey Test for Conditionals. <i>Philosophical Review</i> , The, 1986, 95, 81.	0.4	174
7	The Archaeology of Teaching and the Evolution of <i>Homo docens</i> . <i>Current Anthropology</i> , 2017, 58, 188-208.	1.6	122
8	Induction, Conceptual Spaces and AI. <i>Philosophy of Science</i> , 1990, 57, 78-95.	1.0	95
9	Epistemic importance and minimal changes of belief. <i>Australasian Journal of Philosophy</i> , 1984, 62, 136-157.	0.8	82
10	Mental representation, conceptual spaces and metaphors. <i>Synthese</i> , 1996, 106, 21-47.	1.1	58
11	A REPRESENTATION THEOREM FOR VOTING WITH LOGICAL CONSEQUENCES. <i>Economics and Philosophy</i> , 2006, 22, 181-190.	0.3	56
12	Imaging and Conditionalization. <i>The Journal of Philosophy</i> , 1982, 79, 747.	0.5	54
13	A dyadic representation of belief. , 1992, , 89-121.		54
14	Co-operation and Communication in Apes and Humans. <i>Mind and Language</i> , 2003, 18, 484-501.	2.3	54
15	Cued and detached representations in animal cognition. <i>Behavioural Processes</i> , 1995, 35, 263-273.	1.1	43
16	A Pragmatic Approach to Explanations. <i>Philosophy of Science</i> , 1980, 47, 404-423.	1.0	43
17	Why don't chimps talk and humans sing like canaries?. <i>Behavioral and Brain Sciences</i> , 2006, 29, 287-288.	0.7	39
18	Event structure, conceptual spaces and the semantics of verbs. <i>Theoretical Linguistics</i> , 2012, 38, .	0.2	38

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19	Demonstration and Pantomime in the Evolution of Teaching. <i>Frontiers in Psychology</i> , 2017, 8, 415.	2.1	36
20	Semantics, conceptual spaces, and the meeting of minds. <i>Synthese</i> , 2013, 190, 2165-2193.	1.1	34
21	Theory change as dimensional change: conceptual spaces applied to the dynamics of empirical theories. <i>Synthese</i> , 2013, 190, 1039-1058.	1.1	34
22	Emulators as sources of hidden cognitive variables. <i>Behavioral and Brain Sciences</i> , 2004, 27, 403-403.	0.7	33
23	Causal Cognition, Force Dynamics and Early Hunting Technologies. <i>Frontiers in Psychology</i> , 2018, 9, 87.	2.1	31
24	Time, space, and events in language and cognition: a comparative view. <i>Annals of the New York Academy of Sciences</i> , 2014, 1326, 72-81.	3.8	28
25	Knowing, Learning and Teaching – How Homo Became Docens. <i>Cambridge Archaeological Journal</i> , 2015, 25, 847-858.	0.9	28
26	The emergence of meaning. <i>Linguistics and Philosophy</i> , 1993, 16, 285-309.	1.0	27
27	First and second order dynamics in a hierarchical SOM system for action recognition. <i>Applied Soft Computing Journal</i> , 2017, 59, 574-585.	7.2	25
28	Linguistic Modality as Expressions of Social Power. <i>Nordic Journal of Linguistics</i> , 1995, 18, 137-165.	0.1	24
29	Prospection as a cognitive precursor to symbolic communication. , 2010, , 103-114.		23
30	Spaces in the Brain: From Neurons to Meanings. <i>Frontiers in Psychology</i> , 2016, 7, 1820.	2.1	23
31	Evolutionary and Developmental Aspects of Intersubjectivity. , 2007, , 281-305.		22
32	What are natural concepts? A design perspective. <i>Mind and Language</i> , 2020, 35, 313-334.	2.3	20
33	Technology led to more abstract causal reasoning. <i>Biology and Philosophy</i> , 2020, 35, 1.	1.4	20
34	Representing part-whole relations in conceptual spaces. <i>Cognitive Processing</i> , 2014, 15, 127-142.	1.4	18
35	From Sensations to Concepts: a Proposal for Two Learning Processes. <i>Review of Philosophy and Psychology</i> , 2019, 10, 441-464.	1.8	17
36	Tracking the evolution of causal cognition in humans. <i>Journal of Anthropological Sciences</i> , 2017, 95, 219-234.	0.4	16

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37	Locative and Directional Prepositions in Conceptual Spaces: The Role of Polar Convexity. <i>Journal of Logic, Language and Information</i> , 2016, 25, 109-138.	0.6	15
38	Editorial: Cognitive Semantics and Spatio-Temporal Ontologies. <i>Spatial Cognition and Computation</i> , 2007, 7, 3-12.	1.2	14
39	From Actions to Effects: Three Constraints on Event Mappings. <i>Frontiers in Psychology</i> , 2018, 9, 1391.	2.1	14
40	From Focused Thought to Reveries: A Memory System for a Conscious Robot. <i>Frontiers in Robotics and AI</i> , 2018, 5, 29.	3.2	12
41	Causal Cognition and Theory of Mind in Evolutionary Cognitive Archaeology. <i>Biological Theory</i> , 2023, 18, 234-252.	1.5	12
42	Demonstration and pantomime in the evolution of teaching and communication. <i>Language and Communication</i> , 2021, 80, 71-79.	1.1	12
43	The Role of Intersubjectivity in Animal and Human Cooperation. <i>Biological Theory</i> , 2008, 3, 51-62.	1.5	11
44	Category-based induction in conceptual spaces. <i>Journal of Mathematical Psychology</i> , 2020, 96, 102357.	1.8	11
45	SLICING THE THEORY OF MIND. <i>Danish Yearbook of Philosophy</i> , 2001, 36, 7-33.	0.2	11
46	A grounding framework. <i>Autonomous Agents and Multi-Agent Systems</i> , 2009, 19, 272-296.	2.1	10
47	Children, Teaching and the Evolution of Humankind. <i>Childhood in the Past</i> , 2015, 8, 113-121.	0.4	10
48	Induction and knowledge-what. <i>European Journal for Philosophy of Science</i> , 2018, 8, 471-491.	1.1	10
49	Construals of meaning. <i>Interaction Studies</i> , 2016, 17, 48-76.	0.6	10
50	Smart people who make simple heuristics work. <i>Behavioral and Brain Sciences</i> , 2000, 23, 765-765.	0.7	9
51	Triadic bodily mimesis is the difference. <i>Behavioral and Brain Sciences</i> , 2005, 28, 720-721.	0.7	9
52	Fairness without interpersonal comparisons. <i>Theoria (Stockholm)</i> , 1978, 44, 57-74.	0.2	9
53	Notes on the History of Ideas Behind AGM. <i>Journal of Philosophical Logic</i> , 2011, 40, 115-120.	0.9	9
54	Online recognition of actions involving objects. <i>Biologically Inspired Cognitive Architectures</i> , 2017, 22, 10-19.	0.9	9

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55	Semantics Based on Conceptual Spaces. Lecture Notes in Computer Science, 2011, , 1-11.	1.3	9
56	What is a domain? Dimensional structures versus meronomic relations. Cognitive Linguistics, 2013, 24, 437-456.	0.9	8
57	Modeling Diachronic Changes in Structuralism and in Conceptual Spaces. Erkenntnis, 2014, 79, 1547-1561.	0.9	8
58	Events and Causal Mappings Modeled in Conceptual Spaces. Frontiers in Psychology, 2020, 11, 630.	2.1	8
59	Semantic Knowledge, Domains of Meaning and Conceptual Spaces. Knowledge and Space, 2017, , 203-219.	0.3	8
60	The Cognitive and Communicative Demands of Cooperation. Lecture Notes in Computer Science, 2012, , 164-183.	1.3	8
61	Directing human attention with pointing. , 2014, , .		7
62	Using conceptual spaces to exhibit conceptual continuity through scientific theory change. European Journal for Philosophy of Science, 2017, 7, 127-150.	1.1	7
63	Representation and self-awareness in intentional agents. Synthèse, 1999, 118, 89-104.	1.1	6
64	Mind-reading as Control Theory. European Review, 2007, 15, 223-240.	0.7	6
65	A Prototype-Based Resonance Model of Rhythm Categorization. I-Perception, 2014, 5, 548-558.	1.4	6
66	The Tripod Effect: Co-evolution of Cooperation, Cognition and Communication. Biosemiotics Bookseries, 2012, , 193-222.	0.3	6
67	Conceptual spaces and the strength of similarity-based arguments. Cognition, 2022, 218, 104951.	2.2	6
68	Foresight, function representation, and social intelligence in the great apes. Behavioral and Brain Sciences, 2012, 35, 234-235.	0.7	5
69	Evolutionary mechanisms of teaching. Behavioral and Brain Sciences, 2015, 38, e41.	0.7	5
70	Action Recognition Online with Hierarchical Self-Organizing Maps. , 2016, , .		5
71	Causal Reasoning and Event Cognition as Evolutionary Determinants of Language Structure. Entropy, 2021, 23, 843.	2.2	5
72	Classical Conditioning in Social Robots. Lecture Notes in Computer Science, 2014, , 279-289.	1.3	5

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73	Meaning Negotiation. Synthese Library, 2015, , 79-94.	0.2	5
74	Hierarchical Self-organizing Maps System for Action Classification. , 2017, , .		5
75	Choice blindness and the non-unitary nature of the human mind. Behavioral and Brain Sciences, 2011, 34, 28-29.	0.7	4
76	Levels of communication and lexical semantics. Synthese, 2018, 195, 549-569.	1.1	4
77	Semantic domains of demonstratives and articles: A view of deictic referentiality explored on the paradigm of Croatian demonstratives. Lingua, 2018, 201, 102-118.	1.0	4
78	The Development of Semantic Space for Pointing and Verbal Communication. , 2013, , 29-42.		4
79	The false dichotomy of domain-specific versus domain-general cognition. Behavioral and Brain Sciences, 2017, 40, e207.	0.7	3
80	The Missing Link Between Memory and Reinforcement Learning. Frontiers in Psychology, 2020, 11, 560080.	2.1	3
81	A Framework for Representing Action Meaning in Artificial Systems via Force Dimensions. Lecture Notes in Computer Science, 2012, , 99-106.	1.3	3
82	Using Conceptual Spaces to Model the Dynamics of Empirical Theories. , 2010, , 137-153.		2
83	Replies to comments. Theoretical Linguistics, 2012, 38, .	0.2	2
84	An Epigenetic Approach to Semantic Categories. IEEE Transactions on Cognitive and Developmental Systems, 2020, 12, 139-147.	3.8	2
85	Situated Counting. Review of Philosophy and Psychology, 2020, , 1.	1.8	2
86	Using Event Representations to Generate Robot Semantics. ACM Transactions on Human-Robot Interaction, 2019, 8, 1-21.	4.1	2
87	The Geometry Of Preposition Meanings. The Baltic International Yearbook of Cognition, Logic and Communication, 2015, 10, .	0.4	2
88	Editors'™ Introduction: Conceptual Spaces at Work. Synthese Library, 2015, , 3-13.	0.2	2
89	Nonmonotonic Reasoning, Expectations Orderings, and Conceptual Spaces. Journal of Logic, Language and Information, 0, , 1.	0.6	2
90	Concept modeling, essential properties, and similarity spaces. Behavioral and Brain Sciences, 2001, 24, 1105-1106.	0.7	1

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91	What are the evolutionary causes of mental time travel?. Behavioral and Brain Sciences, 2007, 30, 329-330.	0.7	1
92	Primary Cognitive Categories Are Determined by Their Invariances. Frontiers in Psychology, 2020, 11, 584017.	2.1	1
93	The Altruistic Robot: Do What I Want, Not Just What I Say. Lecture Notes in Computer Science, 2017, , 149-162.	1.3	1
94	Anticipation as a Strategy: A Design Paradigm for Robotics. Lecture Notes in Computer Science, 2010, , 341-353.	1.3	1
95	Interpreting Robot Pointing Behavior. Lecture Notes in Computer Science, 2013, , 148-159.	1.3	1
96	Scientist arrested. Nature, 1985, 316, 184-184.	27.8	0
97	Concept Learning and Nonmonotonic Reasoning 1 This chapter is an expanded and revised version of GÄrdenfors (2001).. , 2005, , 977-999.		0
98	Anticipation requires adaptation. Behavioral and Brain Sciences, 2008, 31, 199-200.	0.7	0
99	Continuity of Theory Structure: A Conceptual Spaces Approach. International Studies in the Philosophy of Science, 2016, 30, 343-360.	0.2	0
100	The origin of speech. , 2006, , 167-195.		0
101	Where does the elephant come from? The evolution of causal cognition is the key. Behavioral and Brain Sciences, 2020, 43, e164.	0.7	0
102	Simile Demonstratives in Croatian. Fluminensia, 2021, 33, 387-416.	0.1	0