

# Markus Knauff

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

2,329  
citations

304743

22  
h-index

214800

47  
g-index

60  
all docs

60  
docs citations

60  
times ranked

1689  
citing authors

#	ARTICLE	IF	CITATIONS
1	When nomenclature matters: Is the "new paradigm" really a new paradigm for the psychology of reasoning?. <i>Thinking and Reasoning</i> , 2023, 29, 341-370.	3.2	3
2	Everyday reasoning with unfamiliar conditionals. <i>Thinking and Reasoning</i> , 2021, 27, 389-416.	3.2	3
3	Specificity effects in reasoning with counterintuitive and arbitrary conditionals. <i>Memory and Cognition</i> , 2021, , 1.	1.6	0
4	Different cognitive styles can affect performance in laparoscopic surgery skill training. <i>Surgical Endoscopy and Other Interventional Techniques</i> , 2020, 34, 4866-4873.	2.4	6
5	Editors'™ Review and Introduction: Levels of Explanation in Cognitive Science: From Molecules to Culture. <i>Topics in Cognitive Science</i> , 2020, 12, 1224-1240.	1.9	7
6	Visualization, Reasoning, and Rationality. <i>Lecture Notes in Computer Science</i> , 2019, , 3-10.	1.3	1
7	Odors Can Serve as Landmarks in Human Wayfinding. <i>Cognitive Science</i> , 2019, 43, e12798.	1.7	27
8	The specificity of terms affects conditional reasoning. <i>Thinking and Reasoning</i> , 2019, 25, 72-93.	3.2	5
9	How to infer possibilities: A reply to Oaksford et al. (2018).. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2019, 45, 298-301.	0.9	3
10	Quantifying disablers in reasoning with universal and existential rules. <i>Thinking and Reasoning</i> , 2018, 24, 344-365.	3.2	5
11	Heuristiken "immer gut und Logik "immer schlecht. , 2018, , 15-22.		0
12	TMS applied to V1 can facilitate reasoning. <i>Experimental Brain Research</i> , 2018, 236, 2277-2286.	1.5	1
13	Supporting and Hindering Effects on Rational Reasoning. , 2018, , 89-107.		1
14	Logisches Denken. , 2017, , 533-585.		3
15	Defeasible reasoning with legal conditionals. <i>Memory and Cognition</i> , 2016, 44, 499-517.	1.6	14
16	Modality, probability, and mental models.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2016, 42, 1606-1620.	0.9	42
17	Negativity bias in defeasible reasoning. <i>Thinking and Reasoning</i> , 2016, 22, 209-220.	3.2	4
18	Uncertain relational reasoning in the parietal cortex. <i>Brain and Cognition</i> , 2016, 104, 72-81.	1.8	19

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19	When will is not the same as should: The role of modals in reasoning with legal conditionals. Quarterly Journal of Experimental Psychology, 2016, 69, 1480-1497.	1.1	4
20	The construction of spatial mental modelsâ€”A new view on the continuity effect. Quarterly Journal of Experimental Psychology, 2015, 68, 1794-1812.	1.1	4
21	Grounded spatial belief revision. Acta Psychologica, 2015, 157, 144-154.	1.5	1
22	An Efficiency Comparison of Document Preparation Systems Used in Academic Research and Development. PLoS ONE, 2014, 9, e115069.	2.5	22
23	How emotions affect logical reasoning: evidence from experiments with mood-manipulated participants, spider phobics, and people with exam anxiety. Frontiers in Psychology, 2014, 5, 570.	2.1	83
24	A theory and a computational model of spatial reasoning with preferred mental models.. Psychological Review, 2013, 120, 561-588.	3.8	61
25	Spatial belief revision. Journal of Cognitive Psychology, 2013, 25, 147-156.	0.9	11
26	The effects of source trustworthiness and inference type on human belief revision. Thinking and Reasoning, 2012, 18, 417-440.	3.2	14
27	Der Weg als Ziel Virtuelle Umgebungen und rÃ¼mlicher Wissenserwerb. , 2012, , 173-193.		2
28	A model for relational reasoning as verbal reasoning. Cognitive Systems Research, 2011, 12, 377-392.	2.7	24
29	Cross-Cultural Preferences in Spatial Reasoning. Journal of Cognition and Culture, 2011, 11, 1-21.	0.4	15
30	Complex cognition: the science of human reasoning, problem-solving, and decision-making. Cognitive Processing, 2010, 11, 99-102.	1.4	51
31	The Illogicality of Stock-Brokers: Psychological Experiments on the Effects of Prior Knowledge and Belief Biases on Logical Reasoning in Stock Trading. PLoS ONE, 2010, 5, e13483.	2.5	14
32	Neural correlates of acoustic reasoning. Brain Research, 2009, 1249, 181-190.	2.2	18
33	A Neuro-Cognitive Theory of Deductive Relational Reasoning with Mental Models and Visual Images. Spatial Cognition and Computation, 2009, 9, 109-137.	1.2	41
34	Working Memory in Wayfindingâ€”A Dual Task Experiment in a Virtual City. Cognitive Science, 2008, 32, 755-770.	1.7	125
35	Preferred mental models in reasoning about spatial relations. Memory and Cognition, 2007, 35, 2075-2087.	1.6	60
36	How our brains reason logically. Topoi, 2007, 26, 19-36.	1.3	26

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37	Cross-Cultural Similarities in Topological Reasoning. , 2007, , 32-46.		5
38	Preferred Mental Models: How and Why They Are So Important in Human Reasoning with Spatial Relations. Lecture Notes in Computer Science, 2007, , 175-190.	1.3	10
39	Mental imagery, reasoning, and blindness. Quarterly Journal of Experimental Psychology, 2006, 59, 161-177.	1.1	47
40	fMRI Evidence for a Three-Stage Model of Deductive Reasoning. Journal of Cognitive Neuroscience, 2006, 18, 320-334.	2.3	164
41	A Neuro-Cognitive Theory of Relational Reasoning with Mental Models and Visual Images. Advances in Psychology, 2006, , 127-152.	0.1	3
42	Up the down staircase: Wayfinding strategies in multi-level buildings. Journal of Environmental Psychology, 2006, 26, 284-299.	5.1	289
43	fMRI Evidence for a Three-Stage Model of Deductive Reasoning. Journal of Cognitive Neuroscience, 2006, 18, 320-334.	2.3	58
44	Transregional Collaborative Research Center SFB/TR 8 Spatial Cognition: Reasoning, Action, Interaction (Sonderforschungsbereich/Transregio SFB/TR 8 Raumkognition: Schließen, Handeln,) Tj ETQq0 0 0 rgB0,0 Overlock 10 Tf 50		
45	Finding the Way Inside: Linking Architectural Design Analysis and Cognitive Processes. Lecture Notes in Computer Science, 2005, , 1-23.	1.3	16
46	Preferred and Alternative Mental Models in Spatial Reasoning. Spatial Cognition and Computation, 2005, 5, 239-269.	1.2	48
47	Preferred and Alternative Mental Models in Spatial Reasoning. Spatial Cognition and Computation, 2005, 5, 239-269.	1.2	21
48	Spatial inference: No difference between mental images and mental models. Behavioral and Brain Sciences, 2004, 27, 589-590.	0.7	5
49	The Psychological Validity of Qualitative Spatial Reasoning in One Dimension. Spatial Cognition and Computation, 2004, 4, 167-188.	1.2	33
50	Reasoning and working memory: common and distinct neuronal processes. Neuropsychologia, 2003, 41, 1241-1253.	1.6	124
51	Reasoning, Models, and Images: Behavioral Measures and Cortical Activity. Journal of Cognitive Neuroscience, 2003, 15, 559-573.	2.3	210
52	Reasoning and the Visual-Impedance Hypothesis. Lecture Notes in Computer Science, 2003, , 372-384.	1.3	0
53	Spatial imagery in deductive reasoning: a functional MRI study. Cognitive Brain Research, 2002, 13, 203-212.	3.0	197
54	Visual imagery can impede reasoning. Memory and Cognition, 2002, 30, 363-371.	1.6	158

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55	Spatial Reasoning: No Need for Visual Information. Lecture Notes in Computer Science, 2001, , 447-457.	1.3	10
56	Cortical activation evoked by visual mental imagery as measured by fMRI. NeuroReport, 2000, 11, 3957-3962.	1.2	138
57	Title is missing!. Spatial Cognition and Computation, 1999, 1, 261-290.	1.2	46
58	Mental Models in Spatial Reasoning. Lecture Notes in Computer Science, 1998, , 267-291.	1.3	23