

Vinod Goel

List of Publications by Year in descending order

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Version: 2024-02-01

57
papers

6,357
citations

185998

28
h-index

168136

53
g-index

62
all docs

62
docs citations

62
times ranked

4240
citing authors

#	ARTICLE	IF	CITATIONS
1	Modeling other minds. <i>NeuroReport</i> , 1995, 6, 1741-1746.	0.6	523
2	Are the frontal lobes implicated in "planning" functions? Interpreting data from the Tower of Hanoi. <i>Neuropsychologia</i> , 1995, 33, 623-642.	0.7	431
3	Neuroanatomical correlates of aesthetic preference for paintings. <i>NeuroReport</i> , 2004, 15, 893-897.	0.6	404
4	Explaining modulation of reasoning by belief. <i>Cognition</i> , 2003, 87, B11-B22.	1.1	403
5	The structure of Design Problem Spaces. <i>Cognitive Science</i> , 1992, 16, 395-429.	0.8	368
6	Dissociation of Mechanisms Underlying Syllogistic Reasoning. <i>NeuroImage</i> , 2000, 12, 504-514.	2.1	344
7	The functional anatomy of humor: segregating cognitive and affective components. <i>Nature Neuroscience</i> , 2001, 4, 237-238.	7.1	328
8	Neuroanatomical Correlates of Human Reasoning. <i>Journal of Cognitive Neuroscience</i> , 1998, 10, 293-302.	1.1	294
9	The seats of reason? An imaging study of deductive and inductive reasoning. <i>NeuroReport</i> , 1997, 8, 1305-1310.	0.6	281
10	Anatomy of deductive reasoning. <i>Trends in Cognitive Sciences</i> , 2007, 11, 435-441.	4.0	280
11	Smarter Than We Think. <i>Psychological Science</i> , 2008, 19, 483-489.	1.8	237
12	Differential involvement of left prefrontal cortex in inductive and deductive reasoning. <i>Cognition</i> , 2004, 93, B109-B121.	1.1	211
13	Functional neuroanatomy of three-term relational reasoning. <i>Neuropsychologia</i> , 2001, 39, 901-909.	0.7	182
14	Reciprocal neural response within lateral and ventral medial prefrontal cortex during hot and cold reasoning. <i>NeuroImage</i> , 2003, 20, 2314-2321.	2.1	166
15	Dissociating the Roles of Right Ventral Lateral and Dorsal Lateral Prefrontal Cortex in Generation and Maintenance of Hypotheses in Set-shift Problems. <i>Cerebral Cortex</i> , 2005, 15, 1170-1177.	1.6	163
16	ROLE OF THE RIGHT PREFRONTAL CORTEX IN ILL-STRUCTURED PLANNING. <i>Cognitive Neuropsychology</i> , 2000, 17, 415-436.	0.4	162
17	The Neural Basis of Conditional Reasoning with Arbitrary Content. <i>Cortex</i> , 2004, 40, 613-622.	1.1	131
18	Anatomical Segregation of Component Processes in an Inductive Inference Task. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 110-119.	1.1	115

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19	Hemispheric Specialization in Human Prefrontal Cortex for Resolving Certain and Uncertain Inferences. <i>Cerebral Cortex</i> , 2007, 17, 2245-2250.	1.6	79
20	The Hippocampal System Mediates Logical Reasoning about Familiar Spatial Environments. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 654-664.	1.1	77
21	Creative brains: designing in the real world. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 241.	1.0	63
22	Task constraints modulate activation in right ventral lateral prefrontal cortex. <i>NeuroImage</i> , 2005, 27, 927-933.	2.1	62
23	Social Regulation of Affective Experience of Humor. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1574-1580.	1.1	57
24	A role for right ventrolateral prefrontal cortex in reasoning about indeterminate relations. <i>Neuropsychologia</i> , 2009, 47, 2790-2797.	0.7	51
25	Asymmetrical involvement of frontal lobes in social reasoning. <i>Brain</i> , 2004, 127, 783-790.	3.7	43
26	Intuitive interference in quantitative reasoning. <i>Brain Research</i> , 2006, 1073-1074, 383-388.	1.1	36
27	Levels of conflict in reasoning modulate right lateral prefrontal cortex. <i>Brain Research</i> , 2012, 1428, 24-32.	1.1	34
28	Negative emotions can attenuate the influence of beliefs on logical reasoning. <i>Cognition and Emotion</i> , 2011, 25, 121-131.	1.2	33
29	A comparison of design and nondesign problem spaces. <i>Advanced Engineering Informatics</i> , 1994, 9, 53-72.	0.5	30
30	Transitive inference reasoning is impaired by focal lesions in parietal cortex rather than rostrolateral prefrontal cortex. <i>Neuropsychologia</i> , 2013, 51, 464-471.	0.7	29
31	Lesions to right prefrontal cortex impair real-world planning through premature commitments. <i>Neuropsychologia</i> , 2013, 51, 713-724.	0.7	24
32	Neural basis of thinking: laboratory problems versus real-world problems. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2010, 1, 613-621.	1.4	20
33	Hemispheric asymmetry in the prefrontal cortex for complex cognition. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 163, 179-196.	1.0	18
34	Notationality and the information processing mind. <i>Minds and Machines</i> , 1991, 1, 129-165.	2.7	17
35	Logical reasoning deficits in schizophrenia. <i>Schizophrenia Research</i> , 2004, 66, 87-88.	1.1	16
36	Editorial: The Reasoning Brain: The Interplay between Cognitive Neuroscience and Theories of Reasoning. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 673.	1.0	12

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37	Left Amygdala and Putamen Activation Modulate Emotion Driven Decisions in the Iterated Prisoner's Dilemma Game. <i>Frontiers in Neuroscience</i> , 2019, 13, 741.	1.4	12
38	Different Neural Systems Contribute to Semantic Bias and Conflict Detection in the Inclusion Fallacy Task. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 797.	1.0	11
39	Dissociable Neural Systems Underwrite Logical Reasoning in the Context of Induced Emotions with Positive and Negative Valence. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 736.	1.0	10
40	Lesions to polar/orbital prefrontal cortex selectively impair reasoning about emotional material. <i>Neuropsychologia</i> , 2017, 99, 236-245.	0.7	10
41	Developmental grey matter changes in superior parietal cortex accompany improved transitive reasoning. <i>Thinking and Reasoning</i> , 2019, 25, 151-170.	2.1	10
42	The effect of partner-directed emotion in social exchange decision-making. <i>Frontiers in Psychology</i> , 2013, 4, 469.	1.1	9
43	Indeterminacy tolerance as a basis of hemispheric asymmetry within prefrontal cortex. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 326.	1.0	9
44	Syllogisms delivered in an angry voice lead to improved performance and engagement of a different neural system compared to neutral voice. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 273.	1.0	8
45	Differential roles of polar orbital prefrontal cortex and parietal lobes in logical reasoning with neutral and negative emotional content. <i>Neuropsychologia</i> , 2018, 119, 320-329.	0.7	8
46	Frontotemporal dementia selectively impairs transitive reasoning about familiar spatial environments. <i>Neuropsychology</i> , 2009, 23, 619-626.	1.0	6
47	Dissociation of Design Knowledge. , 2001, , 221-240.		6
48	Fractionating the System of Deductive Reasoning. <i>On Thinking</i> , 2009, , 203-218.	0.5	4
49	Pedagogy revealed through functional anatomy. <i>Trends in Cognitive Sciences</i> , 2008, 12, 174-175.	4.0	2
50	Patients with Lesions to Left Prefrontal Cortex (BA 9 and BA 10) Have Less Entrenched Beliefs and Are More Skeptical Reasoners. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1674-1688.	1.1	2
51	Smolensky's proper treatment of connectionism: Having it both ways. <i>Behavioral and Brain Sciences</i> , 1990, 13, 400-401.	0.4	1
52	Comments on the Connection Principle. <i>Behavioral and Brain Sciences</i> , 1993, 16, 189-190.	0.4	1
53	Reason and less. <i>Frontiers in Psychology</i> , 2014, 5, 901.	1.1	1
54	What is the locality assumption and how is it violated?. <i>Behavioral and Brain Sciences</i> , 1997, 20, 519-520.	0.4	0

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55	Resolving Valid Multiple Model Inferences Activates a Left Hemisphere Network. <i>Advances in Psychology</i> , 2006, 138, 113-126.	0.1	0
56	Limits of cognitive science's contribution to neuroscience. <i>Cortex</i> , 2012, 48, 1379-1380.	1.1	0
57	Perceived danger associated with a property modulates cross category generalization. <i>Cognitive Neurodynamics</i> , 0, , 1.	2.3	0