

Margarete Delazer

List of Publications by Year in descending order

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119
papers

5,036
citations

87888

38
h-index

98798

67
g-index

121
all docs

121
docs citations

121
times ranked

4673
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-Term Enhancement of Brain Function and Cognition Using Cognitive Training and Brain Stimulation. <i>Current Biology</i> , 2013, 23, 987-992.	3.9	283
2	Sex differences in cognitive functions. <i>Personality and Individual Differences</i> , 2003, 35, 863-875.	2.9	262
3	Neural correlates of distance and congruity effects in a numerical Stroop task: an event-related fMRI study. <i>NeuroImage</i> , 2005, 25, 888-898.	4.2	239
4	How specifically do we learn? Imaging the learning of multiplication and subtraction. <i>NeuroImage</i> , 2006, 30, 1365-1375.	4.2	220
5	Learning by strategies and learning by drill—evidence from an fMRI study. <i>NeuroImage</i> , 2005, 25, 838-849.	4.2	200
6	Neuroscience of learning arithmetic—Evidence from brain imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2009, 33, 909-925.	6.1	190
7	Imaging early practice effects in arithmetic. <i>NeuroImage</i> , 2007, 36, 993-1003.	4.2	144
8	Sex differences in clustering and switching in verbal fluency tasks. <i>Journal of the International Neuropsychological Society</i> , 2006, 12, 502-9.	1.8	126
9	Impact of ambiguity and risk on decision making in mild Alzheimer's disease. <i>Neuropsychologia</i> , 2008, 46, 2043-2055.	1.6	118
10	Normal aging affects decisions under ambiguity, but not decisions under risk.. <i>Neuropsychology</i> , 2008, 22, 645-657.	1.3	113
11	Decision-making with explicit and stable rules in mild Alzheimer's disease. <i>Neuropsychologia</i> , 2007, 45, 1632-1641.	1.6	111
12	Fact learning in complex arithmetic and figural—spatial tasks: The role of the angular gyrus and its relation to mathematical competence. <i>Human Brain Mapping</i> , 2009, 30, 2936-2952.	3.6	111
13	Number processing in posterior cortical atrophy—A neuropsychological case study. <i>Neuropsychologia</i> , 2006, 44, 36-51.	1.6	105
14	Basal Ganglia Lesions and the Theory of Fronto-Subcortical Loops: Neuropsychological Findings in Two Patients with Left Caudate Lesions. <i>Neurocase</i> , 2003, 9, 70-85.	0.6	103
15	The processing and representation of fractions within the brain. <i>NeuroImage</i> , 2009, 47, 403-413.	4.2	95
16	Validation of the Innsbruck REM sleep behavior disorder inventory. <i>Movement Disorders</i> , 2012, 27, 1673-1678.	3.9	87
17	Flexible transfer of knowledge in mental arithmetic — An fMRI study. <i>NeuroImage</i> , 2009, 44, 1103-1112.	4.2	80
18	Subjective deficits of attention, cognition and depression in patients with narcolepsy. <i>Sleep Medicine</i> , 2015, 16, 45-51.	1.6	78

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19	The Processing of Compound Words: A Study in Aphasia. <i>Brain and Language</i> , 1998, 61, 54-62.	1.6	72
20	Number processing and basal ganglia dysfunction: a single case study. <i>Neuropsychologia</i> , 2004, 42, 1050-1062.	1.6	70
21	The relationship between history of violent and criminal behavior and recognition of facial expression of emotions in men with schizophrenia and schizoaffective disorder. <i>Aggressive Behavior</i> , 2006, 32, 187-194.	2.4	69
22	Numerical skills and aphasia. <i>Journal of the International Neuropsychological Society</i> , 1999, 5, 213-221.	1.8	65
23	Decision making under risk and under ambiguity in Parkinson's disease. <i>Neuropsychologia</i> , 2009, 47, 1901-1908.	1.6	65
24	Executive functions, categorization of probabilities, and learning from feedback: What does really matter for decision making under explicit risk conditions?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2011, 33, 1025-1039.	1.3	64
25	FAB-D: German version of the Frontal Assessment Battery. <i>Journal of Neurology</i> , 2013, 260, 2066-2072.	3.6	56
26	Gender differences in facial emotion recognition in persons with chronic schizophrenia. <i>European Psychiatry</i> , 2007, 22, 116-122.	0.2	53
27	Episodic ataxia type 2: phenotype characteristics of a novel CACNA1A mutation and review of the literature. <i>Journal of Neurology</i> , 2014, 261, 983-991.	3.6	49
28	Decision making under risk and under ambiguity in depressed suicide attempters, depressed non-attempters and healthy controls. <i>Journal of Affective Disorders</i> , 2018, 226, 261-266.	4.1	47
29	What Makes Multiplication Facts Difficult. <i>Experimental Psychology</i> , 2006, 53, 275-282.	0.7	46
30	Are numbers special? Comparing the generation of verbal materials from ordered categories (months) to numbers and other categories (animals) in an fMRI study. <i>Human Brain Mapping</i> , 2008, 29, 894-909.	3.6	45
31	Subtraction Bugs in an Acalculic Patient. <i>Cortex</i> , 1996, 32, 547-555.	2.4	44
32	The Impact of Mild Cognitive Impairment on Decision Making in Two Gambling Tasks. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2011, 66B, 23-31.	3.9	43
33	Decision Making and Executive Functions in REM Sleep Behavior Disorder. <i>Sleep</i> , 2012, 35, 667-673.	1.1	43
34	Cognition, Gender, and Functional Abilities in Alzheimer's Disease: How are They Related?. <i>Journal of Alzheimer's Disease</i> , 2013, 35, 247-252.	2.6	43
35	The Breakdown of Calculation Procedures in Alzheimer's Disease* *This article is a modified version of a paper presented at the Annual Meeting of the Italian Neuropsychological Society, Bologna, April 1997.. <i>Cortex</i> , 1999, 35, 21-38.	2.4	42
36	Decision making in juvenile myoclonic epilepsy. <i>Journal of Neurology</i> , 2013, 260, 839-846.	3.6	42

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37	Verbal numerosity estimation deficit in the context of spared semantic representation of numbers: A neuropsychological study of a patient with frontal lesions. <i>Neuropsychologia</i> , 2008, 46, 2463-2475.	1.6	41
38	Executive functions, information sampling, and decision making in narcolepsy with cataplexy.. <i>Neuropsychology</i> , 2011, 25, 477-487.	1.3	40
39	Effects of age and mild cognitive impairment on direct and indirect access to arithmetic knowledge. <i>Neuropsychologia</i> , 2007, 45, 1511-1521.	1.6	39
40	Health numeracy and cognitive decline in advanced age. <i>Aging, Neuropsychology, and Cognition</i> , 2013, 20, 639-659.	1.3	38
41	Cerebral tau is elevated after aneurysmal subarachnoid haemorrhage and associated with brain metabolic distress and poor functional and cognitive long-term outcome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015, 86, 79-86.	1.9	38
42	Augmentation and impulsive behaviors in restless legs syndrome. <i>Neurology</i> , 2016, 87, 36-40.	1.1	38
43	Transcoding and calculation in aphasia. <i>Aphasiology</i> , 2001, 15, 649-679.	2.2	37
44	Knowing 7~8, but not the meaning of "elephant": Evidence for the dissociation between numerical and non-numerical semantic knowledge. <i>Neuropsychologia</i> , 2006, 44, 1708-1723.	1.6	37
45	Know the risk, take the win: How executive functions and probability processing influence advantageous decision making under risk conditions. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 914-929.	1.3	36
46	Writing Arabic Numerals in an Agraphic Patient. <i>Brain and Language</i> , 1998, 64, 257-266.	1.6	35
47	The Mental Representation of Ordered Sequences in Visual Neglect. <i>Cortex</i> , 2007, 43, 542-550.	2.4	33
48	Making Decisions and Advising Decisions in Traumatic Brain Injury. <i>Cognitive and Behavioral Neurology</i> , 2008, 21, 164-175.	0.9	33
49	Decision making under ambiguity and under risk in mesial temporal lobe epilepsy. <i>Neuropsychologia</i> , 2010, 48, 194-200.	1.6	33
50	Parkinson's disease and arithmetics: The role of executive functions. <i>Journal of the Neurological Sciences</i> , 2006, 248, 124-130.	0.6	32
51	The odd-even effect in multiplication: Parity rule or familiarity with even numbers?. <i>Memory and Cognition</i> , 2000, 28, 358-365.	1.6	31
52	Decision making in ambiguous and risky situations after unilateral temporal lobe epilepsy surgery. <i>Epilepsy and Behavior</i> , 2009, 14, 665-673.	1.7	31
53	Cognition in multiple system atrophy: a single-center cohort study. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 219-228.	3.7	31
54	Is math lateralised on the same side as language? Right hemisphere aphasia and mathematical abilities. <i>Neuroscience Letters</i> , 2006, 406, 285-288.	2.1	29

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55	Alzheimer's disease and mild cognitive impairment: Effects of shifting and interference in simple arithmetic. <i>Journal of the Neurological Sciences</i> , 2007, 263, 79-88.	0.6	29
56	Strategic learning in the rehabilitation of semantic knowledge. <i>Neuropsychological Rehabilitation</i> , 2002, 12, 41-61.	1.6	27
57	Effects of a specific numeracy educational program in kindergarten children: A pilot study. <i>Educational Research and Evaluation</i> , 2005, 11, 405-431.	1.6	27
58	When "Alfa Romeo" facilitates 164: Semantic effects in verbal number production. <i>Neurocase</i> , 1997, 3, 461-475.	0.6	26
59	Do Patients with Mild Cognitive Impairment Understand Numerical Health Information?. <i>Journal of Alzheimer's Disease</i> , 2014, 40, 531-540.	2.6	26
60	Decision Making and Ratio Processing in Patients with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 765-779.	2.6	26
61	Numerical abilities in dementia. <i>Aphasiology</i> , 2001, 15, 681-694.	2.2	25
62	Everyday numerical abilities in Alzheimer's disease. <i>Journal of the International Neuropsychological Society</i> , 2003, 9, 871-878.	1.8	25
63	Effects of Healthy Aging and Mild Cognitive Impairment on a Real-Life Decision-Making Task. <i>Journal of Alzheimer's Disease</i> , 2017, 58, 1077-1087.	2.6	25
64	Decision making under ambiguity in temporal lobe epilepsy: Does the location of the underlying structural abnormality matter?. <i>Epilepsy and Behavior</i> , 2011, 20, 34-37.	1.7	24
65	Cognitive outcome of pallidal deep brain stimulation for primary cervical dystonia: One year follow up results of a prospective multicenter trial. <i>Parkinsonism and Related Disorders</i> , 2015, 21, 976-980.	2.2	24
66	Eye-Tracking Provides a Sensitive Measure of Exploration Deficits After Acute Right MCA Stroke. <i>Frontiers in Neurology</i> , 2018, 9, 359.	2.4	24
67	Isolated numerical skills in posterior cortical atrophy—An fMRI study. <i>Neuropsychologia</i> , 2006, 44, 1909-1913.	1.6	23
68	Inductive reasoning and implicit memory: evidence from intact and impaired memory systems. <i>Neuropsychologia</i> , 2004, 42, 926-938.	1.6	22
69	Adding colour to multiplication: Rehabilitation of arithmetic fact retrieval in a case of traumatic brain injury. <i>Neuropsychological Rehabilitation</i> , 2004, 14, 303-328.	1.6	21
70	Cognitive Functions, Emotional Behavior, and Quality of Life in Familial Hemiplegic Migraine. <i>Cognitive and Behavioral Neurology</i> , 2010, 23, 106-111.	0.9	21
71	Friedreich Ataxia: Executive Control Is Related to Disease Onset and GAA Repeat Length. <i>Cerebellum</i> , 2014, 13, 9-16.	2.5	20
72	Information about medications may cause misunderstanding in older adults with cognitive impairment. <i>Journal of the Neurological Sciences</i> , 2010, 298, 46-51.	0.6	19

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73	Executive Functions in Chronic Mesial Temporal Lobe Epilepsy. <i>Epilepsy Research & Treatment</i> , 2011, 2011, 1-11.	1.4	19
74	Cognitive Training Improves Ratio Processing and Decision Making in Patients with Mild Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2018, 64, 1213-1226.	2.6	19
75	Reasoning and mathematical skills contribute to normatively superior decision making under risk: evidence from the game of dice task. <i>Cognitive Processing</i> , 2017, 18, 249-260.	1.4	17
76	Clock Drawing, Clock Reading, Clock Setting, and Judgment of Clock Faces in Elderly People with Dementia and Depression. <i>Journal of the American Geriatrics Society</i> , 2004, 52, 1146-1150.	2.6	14
77	Long-term Outcome of Cognitive Functions, Emotional Behavior, and Quality of Life in a Family With Familial Hemiplegic Migraine. <i>Cognitive and Behavioral Neurology</i> , 2012, 25, 85-92.	0.9	14
78	Wakeful resting and memory retention: a study with healthy older and younger adults. <i>Cognitive Processing</i> , 2019, 20, 125-131.	1.4	14
79	Haste makes waste: Decision making in patients with restless legs syndrome with and without augmentation. <i>PLoS ONE</i> , 2017, 12, e0174793.	2.5	14
80	Specific order impairment in arabic number writing: A case study. <i>Cognitive Neuropsychology</i> , 2004, 21, 555-575.	1.1	13
81	Number words are special: Evidence from a case of primary progressive aphasia. <i>Journal of Neurolinguistics</i> , 2006, 19, 1-37.	1.1	13
82	Risky Decision Making in Juvenile Myoclonic Epilepsy. <i>Frontiers in Neurology</i> , 2018, 9, 195.	2.4	13
83	Counting Complex Dot Patterns in Alzheimer's Disease. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2006, 28, 721-731.	1.3	10
84	Midbrain and hindbrain malformations in patients with malformations of cortical development and epilepsy: A series of 220 patients. <i>Epilepsy Research</i> , 2013, 106, 181-190.	1.6	10
85	Reflection impulsivity perceptual decision making in patients with restless legs syndrome. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 315-322.	3.7	10
86	Effects of Cognitive Functioning and Education on Later-Life Health Numeracy. <i>Gerontology</i> , 2020, 66, 582-592.	2.8	10
87	Longitudinal profile of iron accumulation in good grade subarachnoid hemorrhage. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 781-790.	3.7	9
88	Subarachnoid Hemorrhage is Followed by Pituitary Gland Volume Loss: A Volumetric MRI Observational Study. <i>Neurocritical Care</i> , 2020, 32, 492-501.	2.4	9
89	Sound arithmetic: Auditory cues in the rehabilitation of impaired fact retrieval. <i>Neuropsychological Rehabilitation</i> , 2008, 18, 160-181.	1.6	8
90	Numerical deficits in a single case of basal ganglia dysfunction. <i>Neurocase</i> , 2009, 15, 390-404.	0.6	8

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91	Oxygen desaturation during night sleep affects decision-making in patients with obstructive sleep apnea. <i>Journal of Sleep Research</i> , 2016, 25, 395-403.	3.2	8
92	Augmentation in restless legs syndrome: an eye tracking study on emotion processing. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 1620-1627.	3.7	8
93	Risk approximation in decision making: approximative numeric abilities predict advantageous decisions under objective risk. <i>Cognitive Processing</i> , 2018, 19, 297-315.	1.4	7
94	Is an intact hippocampus necessary for answering "3 + 3 = 6"? Evidence from Alzheimer's disease. <i>Brain and Cognition</i> , 2019, 134, 1-8.	1.8	7
95	Handwriting in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2021, 82, 727-735.	2.6	7
96	A case of "task-switching acalulia". <i>Neurocase</i> , 2011, 17, 24-40.	0.6	6
97	Impaired information sampling in mild dementia of Alzheimer's type but not in healthy aging.. <i>Neuropsychology</i> , 2015, 29, 353-367.	1.3	6
98	Sector Irradiation vs. Whole Brain Irradiation After Resection of Singular Brain Metastasis: A Prospective Randomized Monocentric Trial. <i>Frontiers in Oncology</i> , 2020, 10, 591884.	2.8	6
99	Language and arithmetic – a study using the intracarotid amobarbital procedure. <i>NeuroReport</i> , 2005, 16, 1403-1405.	1.2	5
100	Language Dominance in Patients With Malformations of Cortical Development and Epilepsy. <i>Frontiers in Neurology</i> , 2019, 10, 1209.	2.4	5
101	Differential Impact of Education on Cognitive Performance in Neurological Patients with Progressive Cognitive Decline. <i>Journal of Alzheimer's Disease</i> , 2021, 80, 1491-1501.	2.6	5
102	Decision making and framing effects in multiple sclerosis. <i>European Journal of Neurology</i> , 2021, 28, 1292-1298.	3.3	4
103	Arithmetic Learning in Adults. , 2014, , .		4
104	Arithmetic Reasoning and Implicit Memory: A Neuropsychological Study on Amnesia. <i>Cortex</i> , 1999, 35, 615-627.	2.4	3
105	Improvement of medical judgments by numerical training in patients with multiple sclerosis. <i>European Journal of Neurology</i> , 2019, 26, 106-112.	3.3	3
106	Arithmetic learning in advanced age. <i>PLoS ONE</i> , 2018, 13, e0193529.	2.5	3
107	Peripheral agraphia in writing numbers: Role of processing load. <i>Brain and Language</i> , 2003, 87, 150-151.	1.6	2
108	Intact information sampling in mesial temporal lobe epilepsy.. <i>Neuropsychology</i> , 2015, 29, 998-1003.	1.3	2

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109	Language analysis of spontaneous descriptions of restless legs syndrome: Gender differences?. Journal of Sleep Research, 2022, 31, e13433.	3.2	2
110	Understanding of Numerical Information during the COVID-19 Pandemic. Brain Sciences, 2021, 11, 1230.	2.3	2
111	Cognitive reserve does not support the retrieval of well-known proper names in older people.. Neuropsychology, 2020, 34, 667-674.	1.3	2
112	When 'Alfa Romeo' facilitates 164: Semantic Effects in Verbal Number Production. Neurocase, 1997, 3, 461-475.	0.6	2
113	A commentary on Popescu et al.'s paper on the brain-structural correlates of mathematical expertise. Cortex, 2019, 117, 417-420.	2.4	1
114	The role of cortisol in trust behavior: Results from an experimental study on healthy controls and patients with juvenile myoclonic epilepsy. Epilepsy and Behavior, 2020, 110, 107138.	1.7	1
115	Arithmetic (Re-)Learning in Neurological Patients. Lernen Und Lernstörungen, 2022, 11, .	0.0	1
116	Authors response to "Deficits of attention and cognition in narcoleptic patients" is it hypocretin dependent? Sleep Medicine, 2015, 16, 1025.	1.6	0
117	Wie muss ein "guter" deutscher Plural klingen?. , 2017, , 205-236.		0
118	Neuropsychologie der Zahlenverarbeitung und des Rechnens. , 2011, , 479-490.		0
119	Neuropsychologie der Zahlenverarbeitung und des Rechnens. , 2006, , 397-408.		0