

Klaus F Willmes

List of Publications by Year in descending order

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287
papers

14,561
citations

20759

60
h-index

27345

106
g-index

357
all docs

357
docs citations

357
times ranked

10748
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of language reorganization after stroke. <i>Brain</i> , 2006, 129, 1371-1384.	3.7	945
2	On the Functional Neuroanatomy of Intrinsic and Phasic Alertness. <i>NeuroImage</i> , 2001, 14, S76-S84.	2.1	580
3	Evidence of abnormal amygdala functioning in borderline personality disorder: a functional MRI study. <i>Biological Psychiatry</i> , 2001, 50, 292-298.	0.7	471
4	Functional anatomy of intrinsic alertness: evidence for a fronto-parietal-thalamic-brainstem network in the right hemisphere. <i>Neuropsychologia</i> , 1999, 37, 797-805.	0.7	413
5	Decade breaks in the mental number line? Putting the tens and units back in different bins. <i>Cognition</i> , 2001, 82, B25-B33.	1.1	286
6	Intensive speech and language therapy in patients with chronic aphasia after stroke: a randomised, open-label, blinded-endpoint, controlled trial in a health-care setting. <i>Lancet</i> , 2017, 389, 1528-1538.	6.3	259
7	Cortical activation patterns during complex motor tasks in piano players and control subjects. A functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2000, 278, 189-193.	1.0	251
8	To what extent can aphasic syndromes be localized?. <i>Brain</i> , 1993, 116, 1527-1540.	3.7	238
9	Do Specific Attention Deficits Need Specific Training?. <i>Neuropsychological Rehabilitation</i> , 1997, 7, 81-103.	1.0	235
10	The Universal SNARC Effect. <i>Experimental Psychology</i> , 2005, 52, 187-194.	0.3	234
11	Effects of Blood Estrogen Level on Cortical Activation Patterns during Cognitive Activation as Measured by Functional MRI. <i>NeuroImage</i> , 2001, 13, 425-432.	2.1	204
12	Regional cerebral blood flow patterns in visual imagery. <i>Neuropsychologia</i> , 1989, 27, 641-664.	0.7	197
13	Embodied numerosity: Implicit hand-based representations influence symbolic number processing across cultures. <i>Cognition</i> , 2010, 116, 251-266.	1.1	186
14	Math Anxiety and Math Ability in Early Primary School Years. <i>Journal of Psychoeducational Assessment</i> , 2009, 27, 206-225.	0.9	185
15	Notational Modulation of the SNARC and the MARC (Linguistic Markedness of Response Codes) Effect. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2004, 57, 835-863.	2.3	177
16	The case of aphasia or neglect after striatocapsular infarction. <i>Brain</i> , 1993, 116, 1509-1525.	3.7	176
17	Functional MRI for presurgical planning: problems, artefacts, and solution strategies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2001, 70, 749-760.	0.9	155
18	Subjective experience in brain injured patients and their close relatives: A European Brain Injury Questionnaire study. <i>Brain Injury</i> , 1997, 11, 543-564.	0.6	152

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19	The Aachen Aphasia Test. <i>Advances in Neurology</i> , 1984, 42, 291-303.	0.8	143
20	Mental fatigue and temporal preparation in simple reaction-time performance. <i>Acta Psychologica</i> , 2010, 133, 64-72.	0.7	140
21	Language Lateralization in Temporal Lobe Epilepsy: A Comparison between fMRI and the Wada Test. <i>Epilepsia</i> , 2006, 47, 1308-1319.	2.6	139
22	Neural integration of iconic and unrelated coverbal gestures: A functional MRI study. <i>Human Brain Mapping</i> , 2009, 30, 3309-3324.	1.9	139
23	Mind the gap between both hands: Evidence for internal finger-based number representations in children's mental calculation. <i>Cortex</i> , 2008, 44, 359-367.	1.1	131
24	Detection of intracranial aneurysms with multislice CT: comparison with conventional angiography. <i>Neuroradiology</i> , 2004, 46, 427-34.	1.1	127
25	Outcome of Intensive Language Treatment in Aphasia. <i>The Journal of Speech and Hearing Disorders</i> , 1989, 54, 471-479.	1.3	121
26	Network for auditory intrinsic alertness: a PET study. <i>Neuropsychologia</i> , 2004, 42, 563-568.	0.7	121
27	On the Development of the Mental Number Line: More, Less, or Never Holistic With Increasing Age?. <i>Developmental Psychology</i> , 2004, 40, 1199-1211.	1.2	121
28	Do Normal D-dimer Levels Reliably Exclude Cerebral Sinus Thrombosis?. <i>Stroke</i> , 2004, 35, 2820-2825.	1.0	119
29	Modality-Specific Perceptual Expectations Selectively Modulate Baseline Activity in Auditory, Somatosensory, and Visual Cortices. <i>Cerebral Cortex</i> , 2011, 21, 2850-2862.	1.6	119
30	Efficacy of a reaction training on various attentional and cognitive functions in stroke patients. <i>Neuropsychological Rehabilitation</i> , 1991, 1, 259-280.	1.0	116
31	Assessment of reliability in functional imaging studies. <i>Journal of Magnetic Resonance Imaging</i> , 2003, 17, 463-471.	1.9	116
32	Registered Reports: Realigning incentives in scientific publishing. <i>Cortex</i> , 2015, 66, A1-A2.	1.1	115
33	Neural interaction of speech and gesture: Differential activations of metaphoric co-verbal gestures. <i>Neuropsychologia</i> , 2009, 47, 169-179.	0.7	112
34	“Prepares” and repairs: Different monitoring functions in aphasic language production. <i>Brain and Language</i> , 1987, 30, 226-244.	0.8	108
35	Piracetam as an adjuvant to language therapy for aphasia: A randomized double-blind placebo-controlled pilot study. <i>Archives of Physical Medicine and Rehabilitation</i> , 1997, 78, 245-250.	0.5	108
36	Patterns of regional cerebral blood flow related to memorizing of high and low imagery words—An emission computer tomography study. <i>Neuropsychologia</i> , 1987, 25, 473-485.	0.7	98

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37	Language effects in magnitude comparison: Small, but not irrelevant. <i>Brain and Language</i> , 2005, 92, 262-277.	0.8	97
38	Genetic Contribution to Variation in Cognitive Function: An fMRI Study in Twins. <i>Science</i> , 2009, 323, 1737-1740.	6.0	97
39	Activation in primary and secondary motor areas in patients with CNS neoplasms and weakness. <i>Neurology</i> , 2002, 58, 381-390.	1.5	96
40	Cerebral correlates of imagining colours, faces and a map. SPECT of regional cerebral blood flow. <i>Neuropsychologia</i> , 1989, 27, 1315-1328.	0.7	94
41	Central nervous system lesions and cervical disc herniations in amateur divers. <i>Lancet</i> , 1995, 345, 1403-1405.	6.3	94
42	Therapy-induced brain reorganization patterns in aphasia. <i>Brain</i> , 2015, 138, 1097-1112.	3.7	94
43	Extending the Mental Number Line. <i>Zeitschrift Fur Psychologie / Journal of Psychology</i> , 2011, 219, 3-22.	0.7	94
44	Crossed Hands and the Snarc Effect: A failure to Replicate Dehaene, Bossini and Giraux (1993). <i>Cortex</i> , 2006, 42, 1069-1079.	1.1	91
45	Ideomotor apraxia and aphasia: An examination of types and manifestations of apraxic symptoms. <i>Neuropsychologia</i> , 1983, 21, 199-212.	0.7	85
46	Cognitive subtypes of dyslexia. <i>Acta Neurobiologiae Experimentalis</i> , 2008, 68, 73-82.	0.4	85
47	Hemispheric Asymmetry in the Recognition of Emotional Attitude Conveyed by Facial Expression, Prosody and Propositional Speech. <i>Cortex</i> , 1997, 33, 65-81.	1.1	84
48	Process dissociation between contextual retrieval and item recognition. <i>NeuroReport</i> , 2004, 15, 2729-33.	0.6	84
49	Considering structural connectivity in the triple code model of numerical cognition: differential connectivity for magnitude processing and arithmetic facts. <i>Brain Structure and Function</i> , 2016, 221, 979-995.	1.2	83
50	A review on functional and structural brain connectivity in numerical cognition. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 227.	1.0	82
51	Systems level modeling of a neuronal network subserving intrinsic alertness. <i>NeuroImage</i> , 2006, 29, 225-233.	2.1	78
52	Success Rate of Radioiodine Therapy in Graves' Disease: The Influence of Thyrostatic Medication. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 1229-1233.	1.8	75
53	Processing Pathways in Mental Arithmetic—Evidence from Probabilistic Fiber Tracking. <i>PLoS ONE</i> , 2013, 8, e55455.	1.1	75
54	Transcranial Doppler ultrasonic assessment of middle cerebral artery blood flow velocity changes during verbal and visuospatial cognitive tasks. <i>Neuropsychologia</i> , 1994, 32, 1443-1452.	0.7	74

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55	Recovery from hemineglect: Differential neurobiological effects of optokinetic stimulation and alertness training. <i>Cortex</i> , 2009, 45, 850-862.	1.1	69
56	An approach to analyzing a single subject's scores obtained in a standardized test with application to the aachen aphasia test (AAT). <i>Neuropsychology, Development and Cognition Section A: Journal of Clinical and Experimental Neuropsychology</i> , 1985, 7, 331-352.	1.4	68
57	Inducing Inductive Reasoning: Does It Transfer to Fluid Intelligence?. <i>Contemporary Educational Psychology</i> , 2002, 27, 1-25.	1.6	66
58	Hemispheric lateralization at different levels of human auditory word processing: a functional magnetic resonance imaging study. <i>Neuroscience Letters</i> , 2000, 287, 195-198.	1.0	64
59	Professional mathematicians differ from controls in their spatial-numerical associations. <i>Psychological Research</i> , 2016, 80, 710-726.	1.0	64
60	The Hyperdense Posterior Cerebral Artery Sign. <i>Stroke</i> , 2006, 37, 399-403.	1.0	63
61	The effect of low arousal on visuo-spatial attention. <i>Neuropsychologia</i> , 2006, 44, 1261-1268.	0.7	63
62	On the Perceptual Generality of the Unit-Decade Compatibility Effect. <i>Experimental Psychology</i> , 2004, 51, 72-79.	0.3	62
63	The psychometric properties of the English language version of the Aachen Aphasia Test (EAAT). <i>Aphasiology</i> , 2000, 14, 683-722.	1.4	61
64	A hand full of numbers: a role for offloading in arithmetics learning?. <i>Frontiers in Psychology</i> , 2011, 2, 368.	1.1	60
65	Sequential or parallel decomposed processing of two-digit numbers? Evidence from eye-tracking. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 323-334.	0.6	59
66	Fact learning in complex arithmetic—the role of the angular gyrus revisited. <i>Human Brain Mapping</i> , 2016, 37, 3061-3079.	1.9	59
67	Management of attentional resources in within-modal and cross-modal divided attention tasks: An fMRI study. <i>Human Brain Mapping</i> , 2007, 28, 1267-1275.	1.9	58
68	The Influence of Implicit Hand-Based Representations on Mental Arithmetic. <i>Frontiers in Psychology</i> , 2011, 2, 197.	1.1	58
69	Staying responsive to the world: Modality-specific and -nonspecific contributions to speeded auditory, tactile, and visual stimulus detection. <i>Human Brain Mapping</i> , 2012, 33, 398-418.	1.9	58
70	Auditory mismatch impairments are characterized by core neural dysfunctions in schizophrenia. <i>Brain</i> , 2015, 138, 1410-1423.	3.7	58
71	Energetic effects of stimulus intensity on prolonged simple reaction-time performance. <i>Psychological Research</i> , 2010, 74, 499-512.	1.0	57
72	Cerebral activation in abstinent ecstasy (MDMA) users during a working memory task: a functional magnetic resonance imaging (fMRI) study. <i>Cognitive Brain Research</i> , 2003, 16, 479-487.	3.3	56

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73	Lactate as a diagnostic marker in transient loss of consciousness. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 40, 71-75.	0.9	56
74	Functional reorganisation in patients with right hemisphere stroke after training of alertness: a longitudinal PET and fMRI study in eight cases. <i>Neuropsychologia</i> , 2004, 42, 434-450.	0.7	55
75	Recovery of semantic word processing in global aphasia: a functional MRI study. <i>Cognitive Brain Research</i> , 2004, 18, 322-336.	3.3	55
76	Decreasing and increasing cues in naming therapy for aphasia. <i>Aphasiology</i> , 2005, 19, 831-848.	1.4	55
77	Neural representations of two-digit numbers: A parametric fMRI study. <i>NeuroImage</i> , 2006, 29, 358-367.	2.1	54
78	Determination of Cognitive Hemispheric Lateralization by "Functional" Transcranial Doppler Cross-Validated by Functional MRI. <i>Stroke</i> , 1999, 30, 939-945.	1.0	53
79	On The Impact of Different Number Representations in the Number Bisection Task. <i>Cortex</i> , 2002, 38, 691-715.	1.1	53
80	On the functional role of human parietal cortex in number processing: How gender mediates the impact of a "virtual lesion" induced by rTMS. <i>Neuropsychologia</i> , 2006, 44, 2270-2283.	0.7	53
81	Transcoding abilities in typical and atypical mathematics achievers: The role of working memory and procedural and lexical competencies. <i>Journal of Experimental Child Psychology</i> , 2013, 116, 707-727.	0.7	53
82	Outcome of a One-Month Therapy Intensive for Chronic Aphasia: Variable Individual Responses. <i>Seminars in Speech and Language</i> , 2010, 31, 021-033.	0.5	51
83	Math Anxiety Assessment with the Abbreviated Math Anxiety Scale: Applicability and Usefulness: Insights from the Polish Adaptation. <i>Frontiers in Psychology</i> , 2015, 6, 1833.	1.1	51
84	In How Many Ways is the Approximate Number System Associated with Exact Calculation?. <i>PLoS ONE</i> , 2014, 9, e111155.	1.1	49
85	Spatial attention: more than intrinsic alerting?. <i>Experimental Brain Research</i> , 2006, 171, 16-25.	0.7	47
86	All for one but not one for all: How multiple number representations are recruited in one numerical task. <i>Brain Research</i> , 2008, 1187, 154-166.	1.1	47
87	Numerical ordering and symbolic arithmetic share frontal and parietal circuits in the right hemisphere. <i>NeuroImage</i> , 2014, 84, 786-795.	2.1	46
88	The exact vs. approximate distinction in numerical cognition may not be exact, but only approximate: How different processes work together in multi-digit addition. <i>Brain and Cognition</i> , 2009, 69, 369-381.	0.8	45
89	To carry or not to carry " Is this the question? Disentangling the carry effect in multi-digit addition. <i>Acta Psychologica</i> , 2010, 135, 67-76.	0.7	45
90	Induction of cognitive fatigue in MS patients through cognitive and physical load. <i>Neuropsychological Rehabilitation</i> , 2013, 23, 182-201.	1.0	45

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91	Model-oriented naming therapy: Testing predictions of a connectionist model. <i>Aphasiology</i> , 2007, 21, 411-447.	1.4	43
92	Neighborhood consistency in mental arithmetic: Behavioral and ERP evidence. <i>Behavioral and Brain Functions</i> , 2007, 3, 66.	1.4	43
93	Considering the base rates of low performance in cognitively healthy older adults improves the accuracy to identify neurocognitive impairment with the Consortium to Establish a Registry for Alzheimer's Disease-Neuropsychological Assessment Battery (CERAD-NAB). <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2015, 265, 407-417.	1.8	43
94	Dissociating frontal and temporal correlates of phonological and semantic fluency in a large sample of left hemisphere stroke patients. <i>NeuroImage: Clinical</i> , 2019, 23, 101840.	1.4	43
95	A Refined Method to Relate Morphological and Functional Aspects of Aphasia. <i>European Neurology</i> , 1981, 20, 69-79.	0.6	42
96	Quality of life in aphasia: Validation of a pictorial self-rating procedure. <i>Aphasiology</i> , 2003, 17, 383-396.	1.4	42
97	A special role for numbers in working memory? An fMRI study. <i>NeuroImage</i> , 2006, 29, 1-14.	2.1	42
98	Two-digit number processing: holistic, decomposed or hybrid? A computational modelling approach. <i>Psychological Research</i> , 2011, 75, 290-306.	1.0	42
99	Neural underpinnings for model-oriented therapy of aphasic word production. <i>Neuropsychologia</i> , 2014, 57, 154-165.	0.7	42
100	Distinct Contributions of Dorsal and Ventral Streams to Imitation of Tool-Use and Communicative Gestures. <i>Cerebral Cortex</i> , 2018, 28, 474-492.	1.6	42
101	Facet theory applied to the construction and validation of the Aachen Aphasia Test. <i>Brain and Language</i> , 1983, 18, 259-276.	0.8	41
102	Differential effects of pain and spatial attention on digit representation in the human primary somatosensory cortex. <i>NeuroReport</i> , 2000, 11, 1289-1293.	0.6	40
103	Math Anxiety Questionnaire: Similar Latent Structure in Brazilian and German School Children. <i>Child Development Research</i> , 2012, 2012, 1-10.	1.8	39
104	Bilateral Bi-Cephalic Tdcs with Two Active Electrodes of the Same Polarity Modulates Bilateral Cognitive Processes Differentially. <i>PLoS ONE</i> , 2013, 8, e71607.	1.1	39
105	Is there a generalized right hemisphere dominance for mediating cerebral activation? Evidence from a choice reaction experiment with lateralized simple warning stimuli. <i>Neuropsychologia</i> , 1989, 27, 747-751.	0.7	38
106	Developmental changes in neural activation and psychophysiological interaction patterns of brain regions associated with interference control and time perception. <i>NeuroImage</i> , 2008, 43, 399-409.	2.1	38
107	Rehabilitation of arithmetic fact retrieval via extensive practice: A combined fMRI and behavioural case-study. <i>Neuropsychological Rehabilitation</i> , 2009, 19, 422-443.	1.0	38
108	Internal number magnitude representation is not holistic, either. <i>European Journal of Cognitive Psychology</i> , 2009, 21, 672-685.	1.3	38

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109	The Role of Finger Representations and Saccades for Number Processing: An fMRI Study in Children. <i>Frontiers in Psychology</i> , 2011, 2, 373.	1.1	38
110	Revealing the Functional Neuroanatomy of Intrinsic Alertness Using fMRI: Methodological Peculiarities. <i>PLoS ONE</i> , 2011, 6, e25453.	1.1	38
111	Statistical methods for a single-case study approach to aphasia therapy research. <i>Aphasiology</i> , 1990, 4, 415-436.	1.4	37
112	Silent microemboli related to diagnostic cerebral angiography: a matter of operator's experience and patient's disease. <i>Neuroradiology</i> , 2006, 48, 387-393.	1.1	37
113	Similar Autonomic Responsivity in Boys With Conduct Disorder and Their Fathers. <i>Journal of the American Academy of Child and Adolescent Psychiatry</i> , 2007, 46, 535-544.	0.3	36
114	Spatial Numerical and Ordinal Positional Associations Coexist in Parallel. <i>Frontiers in Psychology</i> , 2016, 7, 438.	1.1	36
115	A general model framework for multisymbol number comparison.. <i>Psychological Review</i> , 2016, 123, 667-695.	2.7	36
116	Aspects of disturbed prosody in dysarthria. <i>Clinical Linguistics and Phonetics</i> , 1993, 7, 119-128.	0.5	34
117	Surveillance Program for Former PCB-Exposed Workers of a Transformer and Capacitor Recycling Company, Family Members, Employees of Surrounding Companies, and Area Residents' Executive Summary. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2012, 75, 1241-1247.	1.1	34
118	Decimal fraction representations are not distinct from natural number representations – evidence from a combined eye-tracking and computational modeling approach. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 172.	1.0	34
119	Joint independent component analysis of structural and functional images reveals complex patterns of functional reorganisation in stroke aphasia. <i>NeuroImage</i> , 2009, 47, 2057-2063.	2.1	33
120	Embodied markedness of parity? Examining handedness effects on parity judgments. <i>Psychological Research</i> , 2015, 79, 963-977.	1.0	33
121	Recovery of Semantic Word Processing in Transcortical Sensory Aphasia: a Functional Magnetic Resonance Imaging Study. <i>Neurocase</i> , 2002, 8, 376-386.	0.2	32
122	Factors related to the magnitude of T2* MR signal changes during functional imaging. <i>Neuroradiology</i> , 2002, 44, 459-466.	1.1	32
123	Analysis of intersubject variability in activation: An application to the incidental episodic retrieval during recognition test. <i>Human Brain Mapping</i> , 2007, 28, 49-58.	1.9	32
124	Modulating arithmetic fact retrieval: A single-blind, sham-controlled tDCS study with repeated fMRI measurements. <i>Neuropsychologia</i> , 2013, 51, 1279-1286.	0.7	32
125	Axial movements in ideomotor apraxia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1982, 45, 1125-1129.	0.9	31
126	Neural correlates in exceptional mental arithmetic – About the neural architecture of prodigious skills. <i>Neuropsychologia</i> , 2010, 48, 1407-1416.	0.7	31

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127	Semantic Event-Related Potential Components Reflect Severity of Comprehension Deficits in Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2010, 24, 282-289.	1.4	30
128	White matter neuro-plasticity in mental arithmetic: Changes in hippocampal connectivity following arithmetic drill training. <i>Cortex</i> , 2019, 114, 115-123.	1.1	30
129	Basic parameters of spontaneous speech as a sensitive method for measuring change during the course of aphasia. <i>International Journal of Language and Communication Disorders</i> , 2008, 43, 408-426.	0.7	29
130	Influence of Anodal Transcranial Direct Current Stimulation (tDCS) over the Right Angular Gyrus on Brain Activity during Rest. <i>PLoS ONE</i> , 2014, 9, e95984.	1.1	29
131	The influence of an external symbol system on number parity representation, or What's odd about 6?. <i>Psychonomic Bulletin and Review</i> , 2006, 13, 730-736.	1.4	28
132	Training in the use of wh-questions and prepositions in dialogues: A comparison of two different approaches in aphasia therapy. <i>Aphasiology</i> , 1993, 7, 251-270.	1.4	27
133	Rehabilitation of Unilateral Neglect: A Controlled Multiple-Baseline-Across-Subjects Trial Using Computerised Training Procedures. <i>Neuropsychological Rehabilitation</i> , 1997, 7, 279-294.	1.0	27
134	Lexical decision of nonwords and pseudowords in humans: a positron emission tomography study. <i>Neuroscience Letters</i> , 2003, 345, 177-181.	1.0	27
135	Effects of enzymatic blood defibrination in subcortical arteriosclerotic encephalopathy.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1988, 51, 1051-1057.	0.9	26
136	Active and remitted schizophrenia: psychopathological and regional cerebral blood flow findings. <i>Psychiatry Research - Neuroimaging</i> , 1999, 90, 17-30.	0.9	26
137	The neural correlate of very-long-term picture priming. <i>European Journal of Neuroscience</i> , 2005, 21, 1101-1106.	1.2	26
138	Spatial representations of numbers in children and their connection with calculation abilities. <i>Cortex</i> , 2008, 44, 420-428.	1.1	26
139	Explaining school mathematics performance from symbolic and nonsymbolic magnitude processing: Similarities and differences between typical and low-achieving children.. <i>Psychology and Neuroscience</i> , 2012, 5, 37-46.	0.5	26
140	Effects of Interhemispheric Communication on Two-Digit Arabic Number Processing. <i>Cortex</i> , 2006, 42, 1128-1137.	1.1	25
141	Differential Language Effects on Numerical Skills in Second Grade. <i>Journal of Cross-Cultural Psychology</i> , 2011, 42, 614-629.	1.0	25
142	Diagnosing Developmental Dyscalculia on the Basis of Reliable Single Case fMRI Methods: Promises and Limitations. <i>PLoS ONE</i> , 2013, 8, e83722.	1.1	25
143	Huntington's disease: visuomotor disturbance in patients and offspring.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1985, 48, 426-433.	0.9	24
144	Using parametric regressors to disentangle properties of multi-feature processes. <i>Behavioral and Brain Functions</i> , 2008, 4, 38.	1.4	24

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145	Categorical and continuous - disentangling the neural correlates of the carry effect in multi-digit addition. <i>Behavioral and Brain Functions</i> , 2010, 6, 70.	1.4	24
146	How efficacious is pace-therapy when "language systematic training"™ is incorporated?. <i>Aphasiology</i> , 1991, 5, 391-399.	1.4	23
147	Power grip disinhibits the ipsilateral sensorimotor cortex: a TMS and fMRI study. <i>NeuroImage</i> , 2003, 19, 332-340.	2.1	23
148	On the neuro-cognitive foundations of basic auditory number processing: an fMRI study. <i>Behavioral and Brain Functions</i> , 2010, 6, 42.	1.4	23
149	Early postictal serum lactate concentrations are superior to serum creatine kinase concentrations in distinguishing generalized tonic-clonic seizures from syncope. <i>Internal and Emergency Medicine</i> , 2018, 13, 749-755.	1.0	23
150	A Systematic Investigation of Accuracy and Response Time Based Measures Used to Index ANS Acuity. <i>PLoS ONE</i> , 2016, 11, e0163076.	1.1	23
151	Cognitive neuropsychological models of adult calculation and number processing: the role of the surface format of numbers. <i>European Child and Adolescent Psychiatry</i> , 2000, 9, S27-S40.	2.8	22
152	Do Signers Think Differently? the Processing of Number Parity in Deaf Participants. <i>Cortex</i> , 2004, 40, 176-178.	1.1	22
153	The role of crossmodal competition and dimensional overlap in crossmodal attention switching. <i>Acta Psychologica</i> , 2015, 155, 67-76.	0.7	22
154	The contribution of phonation type to the perception of vocal emotions in German: An articulatory synthesis study. <i>Journal of the Acoustical Society of America</i> , 2015, 137, 1503-1512.	0.5	22
155	Neuropsychological effects of occupational exposure to polychlorinated biphenyls. <i>NeuroToxicology</i> , 2017, 63, 106-119.	1.4	22
156	Where numbers meet words: A common ventral network for semantic classification. <i>Scandinavian Journal of Psychology</i> , 2014, 55, 202-211.	0.8	21
157	Relationship between pulsatility indices of doppler flow signals and CO2-reactivity within the middle cerebral artery in extracranial occlusive disease. <i>Ultrasound in Medicine and Biology</i> , 1990, 16, 763-772.	0.7	20
158	Command Hallucinations: Who Obeys and Who Resists When?. <i>Psychopathology</i> , 2002, 35, 272-279.	1.1	20
159	Eye fixation behaviour in the number bisection task: Evidence for temporal specificity. <i>Acta Psychologica</i> , 2009, 131, 209-220.	0.7	20
160	Processing word prosody - behavioral and neuroimaging evidence for heterogeneous performance in a language with variable stress. <i>Frontiers in Psychology</i> , 2014, 5, 365.	1.1	20
161	Intransparent German number words complicate transcoding - a translingual comparison with Japanese. <i>Frontiers in Psychology</i> , 2015, 06, 740.	1.1	20
162	Shifts in target modality cause attentional reset: Evidence from sequential modulation of crossmodal congruency effects. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1466-1473.	1.4	20

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