

Stefan Knecht

List of Publications by Year in descending order

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Version: 2024-02-01

196
papers

14,917
citations

15466

65
h-index

21474

114
g-index

208
all docs

208
docs citations

208
times ranked

15754
citing authors

#	ARTICLE	IF	CITATIONS
1	A decision-neuroscientific intervention to improve cognitive recovery after stroke. <i>Brain</i> , 2021, 144, 1764-1773.	3.7	6
2	Charge-Transfer-Induced Predissociation in Rydberg States of Molecular Cations: MgAr+. <i>Journal of Physical Chemistry A</i> , 2021, 125, 6681-6696.	1.1	2
3	Lesion evidence for a causal role of the insula in aversion to social inequity. <i>Social Cognitive and Affective Neuroscience</i> , 2021, , .	1.5	2
4	Simplified State Interaction for Matrix Product State Wave Functions. <i>Journal of Chemical Theory and Computation</i> , 2021, 17, 7477-7485.	2.3	4
5	Complete characterization of the 3p Rydberg complex of a molecular ion: MgAr+. I. Observation of the Mg(3p π f)Ar+ B+ state and determination of its structure and dynamics. <i>Journal of Chemical Physics</i> , 2020, 153, 074310.	1.2	11
6	The DIRAC code for relativistic molecular calculations. <i>Journal of Chemical Physics</i> , 2020, 152, 204104.	1.2	191
7	Modern quantum chemistry with [Open]Molcas. <i>Journal of Chemical Physics</i> , 2020, 152, 214117.	1.2	281
8	Approximate Analytical Gradients and Nonadiabatic Couplings for the State-Average Density Matrix Renormalization Group Self-Consistent-Field Method. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 6724-6737.	2.3	17
9	OpenMolcas: From Source Code to Insight. <i>Journal of Chemical Theory and Computation</i> , 2019, 15, 5925-5964.	2.3	661
10	Second look Holter ECG in neurorehabilitation. <i>Neurological Research and Practice</i> , 2019, 1, 41.	1.0	2
11	Trendbericht Theoretische Chemie: Relativistische Quantenchemie. <i>Nachrichten Aus Der Chemie</i> , 2019, 67, 57-61.	0.0	1
12	Density matrix renormalization group pair-density functional theory (DMRG-PDFT): singlet \leftrightarrow triplet gaps in polyacenes and polyacetylenes. <i>Chemical Science</i> , 2019, 10, 1716-1723.	3.7	69
13	Relativistic quantum chemical calculations show that the uranium molecule U ₂ has a quadruple bond. <i>Nature Chemistry</i> , 2019, 11, 40-44.	6.6	72
14	Efficient Relativistic Density-Matrix Renormalization Group Implementation in a Matrix-Product Formulation. <i>Journal of Chemical Theory and Computation</i> , 2018, 14, 2353-2369.	2.3	40
15	Generalized Pauli constraints in small atoms. <i>Physical Review A</i> , 2018, 97, .	1.0	22
16	Multireference Perturbation Theory with Cholesky Decomposition for the Density Matrix Renormalization Group. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 451-459.	2.3	88
17	Second-Order Self-Consistent-Field Density-Matrix Renormalization Group. <i>Journal of Chemical Theory and Computation</i> , 2017, 13, 2533-2549.	2.3	60
18	Excited state characterization of carbonyl containing carotenoids: a comparison between single and multireference descriptions. <i>Physical Chemistry Chemical Physics</i> , 2017, 19, 17156-17166.	1.3	15

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19	Laplace-transformed multi-reference second-order perturbation theories in the atomic and active molecular orbital basis. <i>Journal of Chemical Physics</i> , 2017, 146, 224101.	1.2	4
20	Multiconfigurational Effects in Theoretical Resonance Raman Spectra. <i>ChemPhysChem</i> , 2017, 18, 384-393.	1.0	15
21	Combining extrapolation with ghost interaction correction in range-separated ensemble density functional theory for excited states. <i>Journal of Chemical Physics</i> , 2017, 147, 204105.	1.2	11
22	Ghost-interaction correction in ensemble density-functional theory for excited states with and without range separation. <i>Physical Review A</i> , 2016, 94, .	1.0	16
23	Electron correlation within the relativistic no-pair approximation. <i>Journal of Chemical Physics</i> , 2016, 145, 074104.	1.2	41
24	New Approaches for ab initio Calculations of Molecules with Strong Electron Correlation. <i>Chimia</i> , 2016, 70, 244.	0.3	94
25	A Nonorthogonal State-Interaction Approach for Matrix Product State Wave Functions. <i>Journal of Chemical Theory and Computation</i> , 2016, 12, 5881-5894.	2.3	39
26	Combining linear interpolation with extrapolation methods in range-separated ensemble density functional theory. <i>Molecular Physics</i> , 2016, 114, 968-981.	0.8	15
27	Old benefit as much as young patients with stroke from high-intensity neurorehabilitation: cohort analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 526-530.	0.9	36
28	Linear interpolation method in ensemble Kohn-Sham and range-separated density-functional approximations for excited states. <i>Physical Review A</i> , 2015, 92, .	1.0	27
29	Polarizable embedding with a multiconfiguration short-range density functional theory linear response method. <i>Journal of Chemical Physics</i> , 2015, 142, 114113.	1.2	29
30	Acute physical exercise improves shifting in adolescents at school: evidence for a dopaminergic contribution. <i>Frontiers in Behavioral Neuroscience</i> , 2015, 9, 196.	1.0	26
31	A theoretical benchmark study of the spectroscopic constants of the very heavy rare gas dimers. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 10978-10986.	1.3	29
32	Carotenoids and Light-Harvesting: From DFT/MRCI to the Tamm-Dancoff Approximation. <i>Journal of Chemical Theory and Computation</i> , 2015, 11, 655-666.	2.3	44
33	Orbital entanglement and CASSCF analysis of the Ru-NO bond in a Ruthenium nitrosyl complex. <i>Physical Chemistry Chemical Physics</i> , 2015, 17, 14383-14392.	1.3	58
34	Theoretical study on $\text{ThF}^{\langle \text{sup} \rangle + \langle \text{sup} \rangle}$, a prospective system in search of time-reversal violation. <i>New Journal of Physics</i> , 2015, 17, 043005.	1.2	33
35	L-dopa does not add to the success of high-intensity language training in aphasia. <i>Restorative Neurology and Neuroscience</i> , 2015, 33, 115-120.	0.4	23
36	Self-consistent embedding of density-matrix renormalization group wavefunctions in a density functional environment. <i>Journal of Chemical Physics</i> , 2015, 142, 044111.	1.2	34

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37	Density matrix renormalization group with efficient dynamical electron correlation through range separation. <i>Journal of Chemical Physics</i> , 2015, 142, 224108.	1.2	86
38	Communication: Four-component density matrix renormalization group. <i>Journal of Chemical Physics</i> , 2014, 140, 041101.	1.2	79
39	The ^Dalton quantum chemistry program system. <i>Wiley Interdisciplinary Reviews: Computational Molecular Science</i> , 2014, 4, 269-284.	6.2	1,166
40	Age- and gender-adjusted normative data for the German version of Rey's Auditory Verbal Learning Test from healthy subjects aged between 50 and 70 years. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2014, 36, 32-42.	0.8	10
41	Communication: Relativistic Fock-space coupled cluster study of small building blocks of larger uranium complexes. <i>Journal of Chemical Physics</i> , 2014, 141, 041107.	1.2	27
42	Theoretical ⁵⁷ Fe Mössbauer spectroscopy: isomer shifts of [Fe]-hydrogenase intermediates. <i>Physical Chemistry Chemical Physics</i> , 2014, 16, 4853-4863.	1.3	21
43	Executive performance is related to regional gray matter volume in healthy older individuals. <i>Human Brain Mapping</i> , 2013, 34, 3333-3346.	1.9	38
44	On the Photophysics of Carotenoids: A Multireference DFT Study of Peridinin. <i>Journal of Physical Chemistry B</i> , 2013, 117, 13808-13815.	1.2	48
45	Toward Reliable Prediction of the Energy Ladder in Multichromophoric Systems: A Benchmark Study on the FMO Light-Harvesting Complex. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 4928-4938.	2.3	52
46	Benchmarking Time-Dependent Density Functional Theory for Excited State Geometries of Organic Molecules in Gas-Phase and in Solution. <i>Journal of Chemical Theory and Computation</i> , 2013, 9, 2209-2220.	2.3	123
47	Multi-configuration time-dependent density-functional theory based on range separation. <i>Journal of Chemical Physics</i> , 2013, 138, 084101.	1.2	88
48	Assessment of charge-transfer excitations with time-dependent, range-separated density functional theory based on long-range MP2 and multiconfigurational self-consistent field wave functions. <i>Journal of Chemical Physics</i> , 2013, 139, 184308.	1.2	39
49	A Statistical Cerebroarterial Atlas Derived from 700 MRA Datasets. <i>Methods of Information in Medicine</i> , 2013, 52, 467-474.	0.7	17
50	Fully relativistic coupled cluster and DFT study of electric field gradients at Hg in 199Hg compounds. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 2651.	1.3	31
51	Non-invasive brain stimulation improves object-location learning in the elderly. <i>Neurobiology of Aging</i> , 2012, 33, 1682-1689.	1.5	168
52	Relativistic and Non-Relativistic Electronic Molecular Structure Calculations for Dimers of 4p, 5p, and 6p Block Elements. <i>ChemPhysChem</i> , 2012, 13, 3952-3957.	1.0	18
53	Early microstructural white matter changes in patients with HIV: A diffusion tensor imaging study. <i>BMC Neurology</i> , 2012, 12, 23.	0.8	51
54	Relativistic quantum chemistry on quantum computers. <i>Physical Review A</i> , 2012, 85, .	1.0	28

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55	An interpretation of the absorption and emission spectra of the gold dimer using modern theoretical tools. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 8732.	1.3	22
56	Electric field gradients in Hg compounds: Molecular orbital (MO) analysis and comparison of 4-component and 2-component (ZORA) methods. <i>Physical Chemistry Chemical Physics</i> , 2012, 14, 16070.	1.3	13
57	Spin-orbit coupling in actinide cations. <i>Chemical Physics Letters</i> , 2012, 546, 58-62.	1.2	31
58	Nuclear size effects in rotational spectra: A tale with a twist. <i>Chemical Physics</i> , 2012, 401, 103-112.	0.9	14
59	Validation of the Pain Sensitivity Questionnaire in chronic pain patients. <i>Pain</i> , 2012, 153, 1210-1218.	2.0	123
60	Decomposing the Hounsfield Unit. <i>Clinical Neuroradiology</i> , 2012, 22, 79-91.	1.0	42
61	Can the Language-dominant Hemisphere Be Predicted by Brain Anatomy?. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2013-2029.	1.1	61
62	Zero field splitting of the chalcogen diatomics using relativistic correlated wave-function methods. <i>Journal of Chemical Physics</i> , 2011, 135, 114106.	1.2	32
63	Physical activity and memory functions: An interventional study. <i>Neurobiology of Aging</i> , 2011, 32, 1304-1319.	1.5	387
64	Rehabilitation After Stroke. <i>Deutsches Arzteblatt International</i> , 2011, 108, 600-6.	0.6	62
65	G-CSF Prevents the Progression of Structural Disintegration of White Matter Tracts in Amyotrophic Lateral Sclerosis: A Pilot Trial. <i>PLoS ONE</i> , 2011, 6, e17770.	1.1	39
66	Granulocyte-Colony Stimulating Factor (G-CSF) in Stroke Patients with Concomitant Vascular Disease—A Randomized Controlled Trial. <i>PLoS ONE</i> , 2011, 6, e19767.	1.1	35
67	Pain Catastrophizing and Pain-related Emotions. <i>Clinical Journal of Pain</i> , 2011, 27, 578-586.	0.8	54
68	Pain is associated with regional grey matter reduction in the general population. <i>Pain</i> , 2011, 152, 904-911.	2.0	72
69	Mössbauer spectroscopy for heavy elements: a relativistic benchmark study of mercury. <i>Theoretical Chemistry Accounts</i> , 2011, 129, 631-650.	0.5	61
70	Comprehension of complex instructions deteriorates with age and vascular morbidity. <i>Age</i> , 2011, 33, 101-106.	3.0	2
71	The hidden-Markov brain: comparison and inference of white matter hyperintensities on magnetic resonance imaging (MRI). <i>Journal of Neural Engineering</i> , 2011, 8, 016004.	1.8	10
72	Short-Term Anomia Training and Electrical Brain Stimulation. <i>Stroke</i> , 2011, 42, 2065-2067.	1.0	161

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73	Impact of Common KIBRA Allele on Human Cognitive Functions. <i>Neuropsychopharmacology</i> , 2011, 36, 1296-1304.	2.8	34
74	Motor Cortex Preactivation by Standing Facilitates Word Retrieval in Aphasia. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 178-187.	1.4	34
75	Increasing dopamine levels in the brain improves feedback-based procedural learning in healthy participants: An artificial-grammar-learning experiment. <i>Neuropsychologia</i> , 2010, 48, 3193-3197.	0.7	40
76	Structural simplicity of the brain. <i>Journal of Neuroscience Methods</i> , 2010, 188, 113-126.	1.3	8
77	Structural Correlates of Functional Language Dominance: A Voxel-Based Morphometry Study. <i>Journal of Neuroimaging</i> , 2010, 20, 148-156.	1.0	14
78	Serum C-reactive protein is linked to cerebral microstructural integrity and cognitive function. <i>Neurology</i> , 2010, 74, 1022-1029.	1.5	196
79	Individual white matter fractional anisotropy analysis on patients with MRI negative partial epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 136-139.	0.9	18
80	Electrical Stimulation of Broca's Area Enhances Implicit Learning of an Artificial Grammar. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 2427-2436.	1.1	166
81	Accurate calculations of the ground state and low-lying excited states of the (RbBa) ⁺ molecular ion: a proposed system for ultracold reactive collisions. <i>Journal of Physics B: Atomic, Molecular and Optical Physics</i> , 2010, 43, 055101.	0.6	14
82	New Names for Known Things: On the Association of Novel Word Forms with Existing Semantic Information. <i>Journal of Cognitive Neuroscience</i> , 2010, 22, 1251-1261.	1.1	59
83	The electronic structure of the triiodide ion from relativistic correlated calculations: A comparison of different methodologies. <i>Journal of Chemical Physics</i> , 2010, 133, 064305.	1.2	29
84	Integrity of the hippocampus and surrounding white matter is correlated with language training success in aphasia. <i>NeuroImage</i> , 2010, 53, 283-290.	2.1	93
85	Comparison of the Cold Pressor Test and Contact Thermode-Delivered Cold Stimuli for the Assessment of Cold Pain Sensitivity. <i>Journal of Pain</i> , 2010, 11, 728-736.	0.7	31
86	Physical activity and memory functions: Are neurotrophins and cerebral gray matter volume the missing link?. <i>NeuroImage</i> , 2010, 49, 2756-2763.	2.1	213
87	Large-scale parallel configuration interaction. II. Two- and four-component double-group general active space implementation with application to BiH. <i>Journal of Chemical Physics</i> , 2010, 132, 014108.	1.2	84
88	The association between hand preference and language lateralization. , 2009, , 59-72.		20
89	Synergetic Effects of Granulocyte-Colony Stimulating Factor and Cognitive Training on Spatial Learning and Survival of Newborn Hippocampal Neurons. <i>PLoS ONE</i> , 2009, 4, e5303.	1.1	21
90	The Role of Granulocyte-Colony Stimulating Factor (G-CSF) in the Healthy Brain: A Characterization of G-CSF-Deficient Mice. <i>Journal of Neuroscience</i> , 2009, 29, 11572-11581.	1.7	80

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91	Single and Combined Effects of Cerebral White Matter Lesions and Lacunar Infarctions on Cognitive Function in an Elderly Population. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2009, 64A, 118-124.	1.7	39
92	Caloric restriction improves memory in elderly humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1255-1260.	3.3	471
93	Pain sensitivity can be assessed by self-rating: Development and validation of the Pain Sensitivity Questionnaire. <i>Pain</i> , 2009, 146, 65-74.	2.0	252
94	Imaging short- and long-term training success in chronic aphasia. <i>BMC Neuroscience</i> , 2009, 10, 118.	0.8	107
95	Better than normal: improved formation of long-term spatial memory in healthy rats treated with levodopa. <i>Experimental Brain Research</i> , 2009, 192, 745-749.	0.7	6
96	Four-Component Relativistic Coupled Cluster and Configuration Interaction Calculations on the Ground and Excited States of the RbYb Molecule. <i>Journal of Physical Chemistry A</i> , 2009, 113, 12607-12614.	1.1	36
97	Assessment of verbal memory by fMRI: Lateralization and functional neuroanatomy. <i>Clinical Neurology and Neurosurgery</i> , 2009, 111, 57-62.	0.6	25
98	How much does hypertension affect cognition?. <i>Journal of the Neurological Sciences</i> , 2009, 283, 149-152.	0.3	27
99	Overcoming systemic roadblocks to sustainable health. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, E80; author reply E81.	3.3	3
100	Levodopa improves skilled hand functions in the elderly. <i>European Journal of Neuroscience</i> , 2008, 27, 1301-1307.	1.2	47
101	Syntactic structure and artificial grammar learning: The learnability of embedded hierarchical structures. <i>Cognition</i> , 2008, 107, 763-774.	1.1	82
102	Diffusion-weighted magnetic resonance imaging at 3.0 Tesla in alcohol intoxication. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 52-60.	0.9	9
103	Walking the talk—Speech activates the leg motor cortex. <i>Neuropsychologia</i> , 2008, 46, 2824-2830.	0.7	19
104	Compensatory weight gain due to dopaminergic hypofunction: new evidence and own incidental observations. <i>Nutrition and Metabolism</i> , 2008, 5, 35.	1.3	28
105	Large-scale parallel configuration interaction. I. Nonrelativistic and scalar-relativistic general active space implementation with application to (RbBa) ⁺ . <i>Journal of Chemical Physics</i> , 2008, 128, 014108.	1.2	47
106	Levodopa Improves Procedural Motor Learning in Chronic Stroke Patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 2008, 89, 1633-1641.	0.5	85
107	Levodopa increases memory encoding and dopamine release in the striatum in the elderly. <i>Neurobiology of Aging</i> , 2008, 29, 267-279.	1.5	80
108	Lack of improvement in odor identification by levodopa in humans. <i>Physiology and Behavior</i> , 2008, 93, 1024-1029.	1.0	15

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109	Obesity in neurobiology. <i>Progress in Neurobiology</i> , 2008, 84, 85-103.	2.8	30
110	Detection of Asymptomatic Cerebral Microbleeds. <i>Academic Radiology</i> , 2008, 15, 895-900.	1.3	78
111	Noninvasive Brain Stimulation Improves Language Learning. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1415-1422.	1.1	367
112	Pattern and progression of white-matter changes in a case of posterior cortical atrophy using diffusion tensor imaging. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2008, 80, 432-436.	0.9	22
113	Lifestyle and Memory in the Elderly. <i>Neuroepidemiology</i> , 2008, 31, 39-47.	1.1	52
114	Influence of Somatosensory Input on Interhemispheric Interactions in Patients With Chronic Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2008, 22, 477-485.	1.4	57
115	High-Normal Blood Pressure Is Associated With Poor Cognitive Performance. <i>Hypertension</i> , 2008, 51, 663-668.	1.3	96
116	Response to High-Normal Blood Pressure and Cognition: Supplying the Missing Data. <i>Hypertension</i> , 2008, 52, .	1.3	0
117	Atrial fibrillation in stroke-free patients is associated with memory impairment and hippocampal atrophy. <i>European Heart Journal</i> , 2008, 29, 2125-2132.	1.0	296
118	Nerve fiber impairment of anterior thalamocortical circuitry in juvenile myoclonic epilepsy. <i>Neurology</i> , 2008, 71, 1981-1985.	1.5	126
119	Diffusion-Tensor Imaging at 3 T. <i>Investigative Radiology</i> , 2007, 42, 338-345.	3.5	49
120	High impact running improves learning. <i>Neurobiology of Learning and Memory</i> , 2007, 87, 597-609.	1.0	592
121	The association between scalp hair-whorl direction, handedness and hemispheric language dominance:. <i>NeuroImage</i> , 2007, 35, 853-861.	2.1	38
122	Foveal Word Reading Requires Interhemispheric Communication. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 1373-1387.	1.1	44
123	Quantum-Chemical Investigation of the Structures and Electronic Spectra of the Nucleic Acid Bases at the Coupled Cluster CC2 Level. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5482-5491.	1.1	108
124	Abnormal brain activation during movement observation in patients with conversion paralysis. <i>NeuroImage</i> , 2006, 29, 1336-1343.	2.1	102
125	The assessment of hemispheric lateralization in functional MRIâ€”Robustness and reproducibility. <i>NeuroImage</i> , 2006, 33, 204-217.	2.1	199
126	Transcranial magnetic stimulationâ€”a sandwich coil design for a better sham. <i>Clinical Neurophysiology</i> , 2006, 117, 440-446.	0.7	33

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127	A shift of paradigm: From noradrenergic to dopaminergic modulation of learning?. Journal of the Neurological Sciences, 2006, 248, 42-47.	0.3	44
128	Comparing brain activation across groups with different motor abilities. Journal of Neurology, 2006, 253, 384-385.	1.8	1
129	Subcortical reorganization in amyotrophic lateral sclerosis. Experimental Brain Research, 2006, 172, 361-369.	0.7	91
130	Treatment of cremaster synkinesias with botulinum toxin A: A video case report. Movement Disorders, 2006, 21, 1787-1788.	2.2	3
131	Ionization spectra and electronic decay in small iodide clusters: Fully relativistic results. Journal of Chemical Physics, 2006, 125, 034309.	1.2	11
132	Tonic Dopaminergic Stimulation Impairs Associative Learning in Healthy Subjects. Neuropsychopharmacology, 2006, 31, 2552-2564.	2.8	75
133	Interhemispheric Dissociation of Language Regions in a Healthy Subject. Archives of Neurology, 2006, 63, 1344.	4.9	14
134	Cortical processing of esophageal sensation is related to the representation of swallowing. NeuroReport, 2005, 16, 439-443.	0.6	16
135	Dominance for language and spatial processing: limited capacity of a single hemisphere. NeuroReport, 2005, 16, 1017-1021.	0.6	18
136	The influence of relativistic effects on the ionization spectra of the alkali iodides. Chemical Physics Letters, 2005, 410, 423-429.	1.2	9
137	Electronic interaction between valence and dipole-bound states of the cyanoacetylene anion. European Physical Journal D, 2005, 35, 207-216.	0.6	23
138	Atypical Hemispheric Dominance for Attention: Functional MRI Topography. Journal of Cerebral Blood Flow and Metabolism, 2005, 25, 1197-1208.	2.4	24
139	Crossed cerebro-cerebellar language dominance. Human Brain Mapping, 2005, 24, 165-172.	1.9	149
140	Dopaminergic influences on formation of a motor memory. Annals of Neurology, 2005, 58, 121-130.	2.8	171
141	Excellent cognitive performance despite massive cerebral white matter changes. Neuroradiology, 2005, 47, 749-752.	1.1	9
142	rethinking brain asymmetries in humans. Behavioral and Brain Sciences, 2005, 28, 598-599.	0.4	0
143	Dopaminergic effects on encoding of a motor memory in chronic stroke. Neurology, 2005, 65, 472-474.	1.5	116
144	Scalp position and efficacy of transcranial magnetic stimulation. Clinical Neurophysiology, 2005, 116, 1988-1993.	0.7	38

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145	Language lateralization in young children assessed by functional transcranial Doppler sonography. <i>NeuroImage</i> , 2005, 24, 780-790.	2.1	45
146	Hippocampus activity differentiates good from poor learners of a novel lexicon. <i>NeuroImage</i> , 2005, 25, 958-968.	2.1	287
147	Hemispheric lateralization of spatial attention in right- and left-hemispheric language dominance. <i>Behavioural Brain Research</i> , 2005, 158, 269-275.	1.2	96
148	Does language lateralization depend on the hippocampus?. <i>Brain</i> , 2004, 127, 1217-1218.	3.7	24
149	Prefrontal Cortex Asymmetry for Memory Encoding of Words and Abstract Shapes. <i>Cerebral Cortex</i> , 2004, 14, 404-409.	1.6	97
150	D-Amphetamine Boosts Language Learning Independent of its Cardiovascular and Motor Arousing Effects. <i>Neuropsychopharmacology</i> , 2004, 29, 1704-1714.	2.8	76
151	Specific and nonspecific effects of transcranial magnetic stimulation on picture-word verification. <i>European Journal of Neuroscience</i> , 2004, 20, 1681-1687.	1.2	55
152	Orthopedic and neurological complications of cervical dystonia - review of the literature. <i>Acta Neurologica Scandinavica</i> , 2004, 109, 369-373.	1.0	51
153	Transcranial direct current stimulation disrupts tactile perception. <i>European Journal of Neuroscience</i> , 2004, 20, 313-316.	1.2	137
154	Transcranial magnetic stimulation of the occipital pole interferes with verbal processing in blind subjects. <i>Nature Neuroscience</i> , 2004, 7, 1266-1270.	7.1	256
155	Levodopa: Faster and better word learning in normal humans. <i>Annals of Neurology</i> , 2004, 56, 20-26.	2.8	208
156	Influence of somatosensory input on motor function in patients with chronic stroke. <i>Annals of Neurology</i> , 2004, 56, 206-212.	2.8	135
157	Determining the hemispheric dominance of spatial attention: A comparison between fTCD and fMRI. <i>Human Brain Mapping</i> , 2004, 23, 168-180.	1.9	43
158	Fracture of the odontoid process complicating tardive dystonia. <i>Movement Disorders</i> , 2004, 19, 983-985.	2.2	14
159	The investigation of functional brain lateralization by transcranial Doppler sonography. <i>NeuroImage</i> , 2004, 21, 1124-1146.	2.1	133
160	How does the brain accommodate to increased task difficulty in word finding?. <i>NeuroImage</i> , 2004, 23, 1152-1160.	2.1	30
161	Shifting of cortical somatosensory areas in a man with amelia. <i>NeuroReport</i> , 2004, 15, 2365-2368.	0.6	5
162	A method for the automated assessment of temporal characteristics of functional hemispheric lateralization by transcranial Doppler sonography. , 2004, 14, 226-30.		11

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163	Learning of tactile frequency discrimination in humans. <i>Human Brain Mapping</i> , 2003, 18, 260-271.	1.9	22
164	Language perception activates the hand motor cortex: implications for motor theories of speech perception. <i>European Journal of Neuroscience</i> , 2003, 18, 704-708.	1.2	178
165	Changing cortical excitability with low-frequency transcranial magnetic stimulation can induce sustained disruption of tactile perception. <i>Biological Psychiatry</i> , 2003, 53, 175-179.	0.7	91
166	How atypical is atypical language dominance?. <i>NeuroImage</i> , 2003, 18, 917-927.	2.1	101
167	Neuroimaging evidence for cortical involvement in the preparation and in the act of swallowing. <i>NeuroImage</i> , 2003, 20, 135-144.	2.1	145
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