Christian Beste

List of Publications by Year
in descending order

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338	9,255	41339	95259
papers	citations	49 h-index	68 g-index

351	351	351	6650
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A causal role of the right inferior frontal cortex in implementing strategies for multi-component behaviour. Nature Communications, 2015, 6, 6587.	12.8	174
2	Response inhibition subprocesses and dopaminergic pathways: Basal ganglia disease effects. Neuropsychologia, 2010, 48, 366-373.	1.6	170
3	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). Frontiers in Human Neuroscience, 2020, 14, 568051.	2.0	143
4	Psychophysiological Mechanisms of Interindividual Differences in Goal Activation Modes During Action Cascading. Cerebral Cortex, 2014, 24, 2120-2129.	2.9	135
5	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)â€"From trajectories to mechanisms and interventions. Addiction Biology, 2020, 25, e12866.	2.6	135
6	The ontogenesis of language lateralization and its relation to handedness. Neuroscience and Biobehavioral Reviews, 2014, 43, 191-198.	6.1	130
7	The norepinephrine system shows information-content specific properties during cognitive control â€“ Evidence from EEG and pupillary responses. NeuroImage, 2017, 149, 44-52.	4.2	104
8	The Effects of Time on Task in Response Selection - An ERP Study of Mental Fatigue. Scientific Reports, 2015, 5, 10113.	3.3	101
9	Temporal relationship between premonitory urges and tics in Gilles de la Tourette syndrome. Cortex, 2016, 77, 24-37.	2.4	101
10	Improvement and Impairment of Visually Guided Behavior through LTP- and LTD-like Exposure-Based Visual Learning. Current Biology, 2011, 21, 876-882.	3.9	97
11	Effects of Concomitant Stimulation of the GABAergic and Norepinephrine System on Inhibitory Control â€“ A Study Using Transcutaneous Vagus Nerve Stimulation. Brain Stimulation, 2016, 9, 811-818.	1.6	92
12	Lateralized neural mechanisms underlying the modulation of response inhibition processes. NeuroImage, 2011, 55, 1771-1778.	4.2	89
13	The Met-allele of the BDNF Val66Met polymorphism enhances task switching in elderly. Neurobiology of Aging, 2011, 32, 2327.e7-2327.e19.	3.1	87
14	Mechanisms mediating parallel action monitoring in fronto-striatal circuits. NeuroImage, 2012, 62, 137-146.	4.2	86
15	Demands on response inhibition processes determine modulations of theta band activity in superior frontal areas and correlations with pupillometry â€“ Implications for the norepinephrine system during inhibitory control. NeuroImage, 2017, 157, 575-585.	4.2	85
16	Response inhibition in Huntington's diseaseâ€"A study using ERPs and sLORETA. Neuropsychologia, 2008, 46, 1290-1297.	1.6	84
17	Translating neurobehavioural endpoints of developmental neurotoxicity tests into in vitro assays and readouts. NeuroToxicology, 2012, 33, 911-924.	3.0	84
18	Distinguishing stimulus and response codes in theta oscillations in prefrontal areas during inhibitory control of automated responses. Human Brain Mapping, 2017, 38, 5681-5690.	3.6	82

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19	Striatal GABA-MRS predicts response inhibition performance and its cortical electrophysiological correlates. Brain Structure and Function, 2015, 220, 3555-3564.	2.3	78
20	Learning without Training. Current Biology, 2013, 23, R489-R499.	3.9	76
21	Effects of stimulusâ€“response compatibility on inhibitory processes in Parkinsonâ€™s disease. European Journal of Neuroscience, 2009, 29, 855-860.	2.6	74
22	Response mode-dependent differences in neurofunctional networks during response inhibition: an EEG-beamforming study. Brain Structure and Function, 2016, 221, 4091-4101.	2.3	74
23	Mental rotation in female fraternal twins: Evidence for intra-uterine hormone transfer?. Biological Psychology, 2011, 86, 90-93.	2.2	73
24	Deep Learning Based on Event-Related EEG Differentiates Children with ADHD from Healthy Controls. Journal of Clinical Medicine, 2019, 8, 1055.	2.4	70
25	Connecting EEG signal decomposition and response selection processes using the theory of event coding framework. Human Brain Mapping, 2020, 41, 2862-2877.	3.6	70
26	Stimulus-Response Compatibility in Huntington's Disease: A Cognitive-Neurophysiological Analysis. Journal of Neurophysiology, 2008, 99, 1213-1223.	1.8	68
27	On the role of fronto-striatal neural synchronization processes for response inhibitionâ€”Evidence from ERP phase-synchronization analyses in pre-manifest Huntington's disease gene mutation carriers. Neuropsychologia, 2011, 49, 3484-3493.	1.6	66
28	Time Processing in Huntington's Disease: A Group-Control Study. PLoS ONE, 2007, 2, e1263.	2.5	65
29	Increased perception-action binding in Tourette syndrome. Brain, 2020, 143, 1934-1945.	7.6	65
30	fMRI reveals altered auditory processing in manifest and premanifest Huntington's disease. Neuropsychologia, 2008, 46, 1279-1289.	1.6	64
31	Tuning Perceptual Competition. Journal of Neurophysiology, 2010, 103, 1057-1065.	1.8	64
32	A systems neurophysiology approach to voluntary event coding. NeuroImage, 2016, 135, 324-332.	4.2	64
33	The Role of the BDNF Val66Met Polymorphism for the Synchronization of Error-Specific Neural Networks. Journal of Neuroscience, 2010, 30, 10727-10733.	3.6	62
34	Neural mechanisms and functional neuroanatomical networks during memory and cue-based task switching as revealed by residue iteration decomposition (RIDE) based source localization. Brain Structure and Function, 2017, 222, 3819-3831.	2.3	62
35	Effects of aging, Parkinson's disease, and dopaminergic medication on response selection and control. Neurobiology of Aging, 2011, 32, 327-335.	3.1	61
36	DRD1andDRD2Genotypes Modulate Processing Modes of Goal Activation Processes during Action Cascading. Journal of Neuroscience, 2014, 34, 5335-5341.	3.6	61

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37	Concurrent information affects response inhibition processes via the modulation of theta oscillations in cognitive control networks. Brain Structure and Function, 2016, 221, 3949-3961.	2.3	61
38	Interacting sources of interference during sensorimotor integration processes. NeuroImage, 2016, 125, 342-349.	4.2	61
39	The norepinephrine system affects specific neurophysiological subprocesses in the modulation of inhibitory control by working memory demands. Human Brain Mapping, 2017, 38, 68-81.	3.6	61
40	Error Processing in Huntington's Disease. PLoS ONE, 2006, 1, e86.	2.5	59
41	Variations in theTNF-Î± Gene (TNF-Î± -308Gâ†'A) Affect Attention and Action Selection Mechanisms in a Dissociated Fashion. Journal of Neurophysiology, 2010, 104, 2523-2531.	1.8	59
42	Neural correlates of altered sensorimotor gating in boys with Tourette Syndrome: A combined EMG/fMRI study. World Journal of Biological Psychiatry, 2016, 17, 187-197.	2.6	59
43	Applying deep learning to single-trial EEG data provides evidence for complementary theories on action control. Communications Biology, 2020, 3, 112.	4.4	58
44	Neurite architecture of the planum temporale predicts neurophysiological processing of auditory speech. Science Advances, 2018, 4, eaar6830.	10.3	56
45	Response selection codes in neurophysiological data predict conjoint effects of controlled and automatic processes during response inhibition. Human Brain Mapping, 2018, 39, 1839-1849.	3.6	55
46	Variation in the NMDA receptor 2B subunit gene GRIN2B is associated with differential language lateralization. Behavioural Brain Research, 2011, 225, 284-289.	2.2	54
47	Darwin revisited: The vagus nerve is a causal element in controlling recognition of other's emotions. Cortex, 2017, 92, 95-102.	2.4	54
48	Feeling safe in the plane: Neural mechanisms underlying superior action control in airplane pilot traineesâ€"A combined EEG/MRS study. Human Brain Mapping, 2014, 35, 5040-5051.	3.6	52
49	Tics and Tourette syndrome â€" surplus of actions rather than disorder?. Movement Disorders, 2018, 33, 238-242.	3.9	52
50	A literature review on the neurophysiological underpinnings and cognitive effects of transcutaneous vagus nerve stimulation: challenges and future directions. Journal of Neurophysiology, 2020, 123, 1739-1755.	1.8	52
51	#EEGManyLabs: Investigating the replicability of influential EEG experiments. Cortex, 2021, 144, 213-229.	2.4	52
52	Functional compensation or pathology in cortico-subcortical interactions in preclinical Huntington's disease?. Neuropsychologia, 2007, 45, 2922-2930.	1.6	51
53	Time estimation in healthy ageing and neurodegenerative basal ganglia disorders. Neuroscience Letters, 2008, 442, 34-38.	2.1	51
54	Pandemic Ticâ€like Behaviors Following Social Media Consumption. Movement Disorders, 2021, 36, 2932-2935.	3.9	51

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55	Levels of error processing in Huntington's disease: A combined study using event-related potentials and voxel-based morphometry. Human Brain Mapping, 2008, 29, 121-130.	3.6	50
56	The neuronal mechanisms underlying improvement of impulsivity in ADHD by theta/beta neurofeedback. Scientific Reports, 2016, 6, 31178.	3.3	50
57	Latent Toxoplasma gondii infection leads to improved action control. Brain, Behavior, and Immunity, 2014, 37, 103-108.	4.1	49
58	Using temporal EEG signal decomposition to identify specific neurophysiological correlates of distractor-response bindings proposed by the theory of event coding. NeuroImage, 2020, 209, 116524.	4.2	49
59	Increased Cognitive Functioning in Symptomatic Huntington's Disease As Revealed by Behavioral and Event-Related Potential Indices of Auditory Sensory Memory and Attention. Journal of Neuroscience, 2008, 28, 11695-11702.	3.6	48
60	Decoding Stimulusâ€“Response Representations and Their Stability Using EEG-Based Multivariate Pattern Analysis. Cerebral Cortex Communications, 2020, 1, tgaa016.	1.6	48
61	Response Monitoring in De Novo Patients with Parkinson's Disease. PLoS ONE, 2009, 4, e4898.	2.5	47
62	Testing interactive effects of automatic and conflict control processes during response inhibition â€“ A system neurophysiological study. NeuroImage, 2017, 146, 1149-1156.	4.2	47
63	On the time course of bottomâ€up and topâ€down processes in selective visual attention: An <scp>EEG</scp> study. Psychophysiology, 2012, 49, 1660-1671.	2.4	46
64	BDNF Val66Met polymorphism and goal-directed behavior in healthy elderly â€” evidence from auditory distraction. NeuroImage, 2013, 64, 290-298.	4.2	46
65	Action Video Gaming and Cognitive Control: Playing First Person Shooter Games Is Associated with Improved Action Cascading but Not Inhibition. PLoS ONE, 2015, 10, e0144364.	2.5	46
66	On the effects of multimodal information integration in multitasking. Scientific Reports, 2017, 7, 4927.	3.3	46
67	Altered perceptionâ€action binding modulates inhibitory control in Gilles de la Tourette syndrome. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 953-962.	5.2	46
68	The impact of mental workload on inhibitory control subprocesses. NeuroImage, 2015, 112, 96-104.	4.2	45
69	When compensation fails: Attentional deficits in healthy ageing caused by visual distraction. Neuropsychologia, 2012, 50, 3185-3192.	1.6	44
70	Striatal and thalamic GABA level concentrations play differential roles for the modulation of response selection processes by proprioceptive information. NeuroImage, 2015, 120, 36-42.	4.2	44
71	Handedness genetics: considering the phenotype. Frontiers in Psychology, 2014, 5, 1300.	2.1	43
72	Single-subject prediction of response inhibition behavior by event-related potentials. Journal of Neurophysiology, 2016, 115, 1252-1262.	1.8	43

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73	The norepinephrine system and its relevance for multi-component behavior. NeuroImage, 2017, 146, 1062-1070.	4.2	43
74	Functional 5â€HT1a receptor polymorphism selectively modulates errorâ€specific subprocesses of performance monitoring. Human Brain Mapping, 2010, 31, 621-630.	3.6	42
75	Differential Effects of Motor Efference Copies and Proprioceptive Information on Response Evaluation Processes. PLoS ONE, 2013, 8, e62335.	2.5	42
76	The system neurophysiological basis of backward inhibition. Brain Structure and Function, 2016, 221, 4575-4587.	2.3	42
77	Cholecystokinin A Receptor (CCKAR) Gene Variation Is Associated with Language Lateralization. PLoS ONE, 2013, 8, e53643.	2.5	42
78	The Met-genotype of the BDNF Val66Met polymorphism is associated with reduced Stroop interference in elderly. Neuropsychologia, 2012, 50, 3554-3563.	1.6	41
79	FOXP2 variation modulates functional hemispheric asymmetries for speech perception. Brain and Language, 2013, 126, 279-284.	1.6	41
80	Crosslinking EEG timeâ€“frequency decomposition and fMRI in error monitoring. Brain Structure and Function, 2014, 219, 595-605.	2.3	41
81	On the dependence of response inhibition processes on sensory modality. Human Brain Mapping, 2017, 38, 1941-1951.	3.6	41
82	Stress improves task processing efficiency in dual-tasks. Behavioural Brain Research, 2013, 252, 260-265.	2.2	40
83	Neuronal Intra-Individual Variability Masks Response Selection Differences between ADHD Subtypesâ€”A Need to Change Perspectives. Frontiers in Human Neuroscience, 2017, 11, 329.	2.0	40
84	Dopamine Modulates the Efficiency of Sensory Evidence Accumulation During Perceptual Decision Making. International Journal of Neuropsychopharmacology, 2018, 21, 649-655.	2.1	39
85	Pre-trial theta band activity in the ventromedial prefrontal cortex correlates with inhibition-related theta band activity in the right inferior frontal cortex. NeuroImage, 2020, 219, 117052.	4.2	39
86	Striosomal dysfunction affects behavioral adaptation but not impulsivityâ€”Evidence from Xâ€linked dystoniaâ€parkinsonism. Movement Disorders, 2017, 32, 576-584.	3.9	37
87	Action control processes in autism spectrum disorder â€“ Insights from a neurobiological and neuroanatomical perspective. Progress in Neurobiology, 2015, 124, 49-83.	5.7	36
88	Dissociable electrophysiological subprocesses during response inhibition are differentially modulated by dopamine D1 and D2 receptors. European Neuropsychopharmacology, 2016, 26, 1029-1036.	0.7	36
89	Dissociable influences of NR2B-receptor related neural transmission on functions of distinct associative basal ganglia circuits. NeuroImage, 2010, 52, 309-315.	4.2	35
90	Individual differences in ERPs during mental rotation of characters: Lateralization, and performance level. Brain and Cognition, 2010, 72, 238-243.	1.8	35

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91	Neuropeptide S receptor (NPSR1) gene variation modulates response inhibition and error monitoring. NeuroImage, 2013, 71, 1-9.	4.2	35
92	Transient and steady-state selection in the striatal microcircuit. Frontiers in Computational Neuroscience, 2013, 7, 192.	2.1	35
93	Expectancy effects during response selection modulate attentional selection and inhibitory control networks. Behavioural Brain Research, 2014, 274, 53-61.	2.2	35
94	Parallel and serial processing in dual-tasking differentially involves mechanisms in the striatum and the lateral prefrontal cortex. Brain Structure and Function, 2015, 220, 3131-3142.	2.3	35
95	Striatal Microstructure and Its Relevance for Cognitive Control. Trends in Cognitive Sciences, 2018, 22, 747-751.	7.8	35
96	The systemâ€neurophysiological basis for how methylphenidate modulates perceptualâ€“attentional conflicts during auditory processing. Human Brain Mapping, 2018, 39, 5050-5061.	3.6	35
97	Anodal tDCS affects neuromodulatory effects of the norepinephrine system on superior frontal theta activity during response inhibition. Brain Structure and Function, 2019, 224, 1291-1300.	2.3	35
98	On the relevance of EEG resting theta activity for the neurophysiological dynamics underlying motor inhibitory control. Human Brain Mapping, 2019, 40, 4253-4265.	3.6	35
99	Highâ€dose alcohol intoxication differentially modulates cognitive subprocesses involved in response inhibition. Addiction Biology, 2016, 21, 136-145.	2.6	34
100	Faster Perceptual Learning through Excitotoxic Neurodegeneration. Current Biology, 2012, 22, 1914-1917.	3.9	33
101	Effects of binge drinking on action cascading processes: an EEG study. Archives of Toxicology, 2014, 88, 475-488.	4.2	33
102	Behavioral and neurophysiological evidence for the enhancement of cognitive control under dorsal pallidal deep brain stimulation in Huntingtonâ€™s disease. Brain Structure and Function, 2015, 220, 2441-2448.	2.3	33
103	The role of phasic norepinephrine modulations during task switching: evidence for specific effects in parietal areas. Brain Structure and Function, 2018, 223, 925-940.	2.3	33
104	Alterations in voluntary movement execution in Huntington's disease are related to the dominant motor system â€” Evidence from event-related potentials. Experimental Neurology, 2009, 216, 148-157.	4.1	31
105	Interrelation of resting state functional connectivity, striatal <scp>GABA</scp> levels, and cognitive control processes. Human Brain Mapping, 2015, 36, 4383-4393.	3.6	31
106	A perspective on neural and cognitive mechanisms of error commission. Frontiers in Behavioral Neuroscience, 2015, 9, 50.	2.0	31
107	Subliminally and consciously induced cognitive conflicts interact at several processing levels. Cortex, 2016, 85, 75-89.	2.4	31
108	Catecholaminergic Modulation of Conflict Control Depends on the Source of Conflicts. International Journal of Neuropsychopharmacology, 2018, 21, 901-909.	2.1	31

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109	The functional 5-HT1A receptor polymorphism affects response inhibition processes in a context-dependent manner. Neuropsychologia, 2011, 49, 2664-2672.	1.6	30
110	Action selection in a possible model of striatal medium spiny neuron dysfunction: behavioral and EEG data in a patient with benign hereditary chorea. Brain Structure and Function, 2015, 220, 221-228.	2.3	30
111	Humans with latent toxoplasmosis display altered reward modulation of cognitive control. Scientific Reports, 2017, 7, 10170.	3.3	30
112	Effects of highâ€dose ethanol intoxication and hangover on cognitive flexibility. Addiction Biology, 2018, 23, 503-514.	2.6	30
113	On the interrelation of 1/f neural noise and norepinephrine system activity during motor response inhibition. Journal of Neurophysiology, 2019, 121, 1633-1643.	1.8	30
114	The Modulation of Neural Noise Underlies the Effectiveness of Methylphenidate Treatment in Attention-Deficit/Hyperactivity Disorder. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2019, 4, 743-750.	1.5	30
115	The neurophysiological basis of reward effects on backward inhibition processes. NeuroImage, 2016, 142, 163-171.	4.2	29
116	The Basal Ganglia Striosomes Affect the Modulation of Conflicts by Subliminal Informationâ€"Evidence from X-Linked Dystonia Parkinsonism. Cerebral Cortex, 2018, 28, 2243-2252.	2.9	29
117	Stimulus-response recoding during inhibitory control is associated with superior frontal and parahippocampal processes. NeuroImage, 2019, 196, 227-236.	4.2	29
118	The Downsides of Cognitive Enhancement. Neuroscientist, 2021, 27, 107385842094597.	3.5	29
119	The functional BDNF Val66Met polymorphism affects functions of pre-attentive visual sensory memory processes. Neuropharmacology, 2011, 60, 467-471.	4.1	28
120	Comprehensive Behavioral Intervention for Tics reduces perception-action binding during inhibitory control in Gilles de la Tourette syndrome. Scientific Reports, 2020, 10, 1174.	3.3	28
121	The role of the striatum in goal activation of cascaded actions. Neuropsychologia, 2013, 51, 2562-2571.	1.6	27
122	Questioning the role of the frontopolar cortex in multi-component behavior â€“ a TMS/EEG study. Scientific Reports, 2016, 6, 22317.	3.3	27
123	The system neurophysiological basis of nonâ€adaptive cognitive control: Inhibition of implicit learning mediated by right prefrontal regions. Human Brain Mapping, 2016, 37, 4511-4522.	3.6	27
124	Altered perceptual binding in Gilles de la Tourette syndrome. Cortex, 2016, 83, 160-166.	2.4	27
125	Effects of l-Tyrosine on working memory and inhibitory control are determined by DRD2 genotypes: A randomized controlled trial. Cortex, 2016, 82, 217-224.	2.4	27
126	On the relevance of the alpha frequency oscillationâ€™s small-world network architecture for cognitive flexibility. Scientific Reports, 2017, 7, 13910.	3.3	27

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127	Machine learning provides novel neurophysiological features that predict performance to inhibit automated responses. Scientific Reports, 2018, 8, 16235.	3.3	27
128	Methamphetamine-associated difficulties in cognitive control allocation may normalize after prolonged abstinence. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 41-52.	4.8	26
129	The importance of sensory integration processes for action cascading. Scientific Reports, 2015, 5, 9485.	3.3	25
130	A comparative study on the neurophysiological mechanisms underlying effects of methylphenidate and neurofeedback on inhibitory control in attention deficit hyperactivity disorder. NeuroImage: Clinical, 2018, 20, 1191-1203.	2.7	25
131	How minimal variations in neuronal cytoskeletal integrity modulate cognitive control. NeuroImage, 2019, 185, 129-139.	4.2	25
132	The Reelin (RELN) gene is associated with executive function in healthy individuals. Neurobiology of Learning and Memory, 2010, 94, 446-451.	1.9	24
133	Opposite effects of binge drinking on consciously vs. subliminally induced cognitive conflicts. NeuroImage, 2017, 162, 117-126.	4.2	24
134	Developmental Changes in Visual Line Bisection in Women Throughout Adulthood. Developmental Neuropsychology, 2006, 30, 753-767.	1.4	23
135	Neurophysiological mechanisms of interval timing dissociate inattentive and combined ADHD subtypes. Scientific Reports, 2018, 8, 2033.	3.3	23
136	Catecholaminergic effects on inhibitory control depend on the interplay of prior task experience and working memory demands. Journal of Psychopharmacology, 2019, 33, 678-687.	4.0	23
137	A large-scale estimate on the relationship between language and motor lateralization. Scientific Reports, 2020, 10, 13027.	3.3	23
138	Behavioral and neurophysiological evidence for increased cognitive flexibility in late childhood. Scientific Reports, 2016, 6, 28954.	3.3	22
139	When repetitive mental sets increase cognitive flexibility in adolescent obsessiveâ€“compulsive disorder. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2018, 59, 1024-1032.	5.2	22
140	Neurophysiological mechanisms underlying motor feature binding processes and representations. Human Brain Mapping, 2021, 42, 1313-1327.	3.6	21
141	The relevance of the functional 5-HT1A receptor polymorphism for attention and working memory processes during mental rotation of characters. Neuropsychologia, 2010, 48, 1248-1254.	1.6	20
142	When control fails: Influence of the prefrontal but not striatal dopaminergic system on behavioural flexibility in a change detection task. Neuropharmacology, 2012, 62, 1028-1033.	4.1	20
143	The functional tumor necrosis factor-Î± (308A/G) polymorphism modulates attentional selection in elderly individuals. Neurobiology of Aging, 2013, 34, 2694.e1-2694.e12.	3.1	20
144	Striatal disorders dissociate mechanisms of enhanced and impaired response selection â€" Evidence from cognitive neurophysiology and computational modelling. NeuroImage: Clinical, 2014, 4, 623-634.	2.7	20

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145	Perceptual conflict during sensorimotor integration processesâ€‰-â€‰a neurophysiological study in response inhibition. Scientific Reports, 2016, 6, 26289.	3.3	20
146	Paradox effects of binge drinking on response inhibition processes depending on mental workload. Archives of Toxicology, 2016, 90, 1429-1436.	4.2	20
147	Neurophysiological mechanisms of circadian cognitive control in RLS patients - an EEG source localization study. NeuroImage: Clinical, 2017, 15, 644-652.	2.7	20
148	Evidence for an altered architecture and a hierarchical modulation of inhibitory control processes in ADHD. Developmental Cognitive Neuroscience, 2019, 36, 100623.	4.0	20
149	Cardiac cycle gated cognitive-emotional control in superior frontal cortices. NeuroImage, 2020, 222, 117275.	4.2	20
150	Gilles de la Tourette Syndromeâ€”A Disorder of Action-Perception Integration. Frontiers in Neurology, 2020, 11, 597898.	2.4	20
151	Neural dynamics of stimulus-response representations during inhibitory control. Journal of Neurophysiology, 2021, 126, 680-692.	1.8	20
152	A novel cognitive-neurophysiological state biomarker in premanifest Huntington's disease validated on longitudinal data. Scientific Reports, 2013, 3, 1797.	3.3	19
153	Effects of binge drinking and hangover on response selection sub-processes-a study using EEG and drift diffusion modeling. Addiction Biology, 2017, 22, 1355-1365.	2.6	19
154	Callosal microstructure affects the timing of electrophysiological left-right differences. NeuroImage, 2017, 163, 310-318.	4.2	19
155	Evidence for enhanced multi-component behaviour in Tourette syndrome â€“ an EEG study. Scientific Reports, 2017, 7, 7722.	3.3	19
156	On the role of the prefrontal cortex in fatigue effects on cognitive flexibility - a system neurophysiological approach. Scientific Reports, 2018, 8, 6395.	3.3	19
157	Effects of aging on sequential cognitive flexibility are associated with fronto-parietal processing deficits. Brain Structure and Function, 2019, 224, 2343-2355.	2.3	19
158	Resting theta activity is associated with specific coding levels in eventâ€‐related theta activity during conflict monitoring. Human Brain Mapping, 2020, 41, 5114-5127.	3.6	19
159	Differential modulations of response control processes by 5-HT1A gene variation. NeuroImage, 2010, 50, 764-771.	4.2	18
160	Dual-task performance is differentially modulated by rewards and punishments. Behavioural Brain Research, 2013, 250, 304-307.	2.2	18
161	The neural architecture of age-related dual-task interferences. Frontiers in Aging Neuroscience, 2014, 6, 193.	3.4	18
162	Editorial Perspective: How to optimise frequency band neurofeedback for <scp>ADHD</scp>. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 457-461.	5.2	18

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163	Modulations of cognitive flexibility in obsessive compulsive disorder reflect dysfunctions of perceptual categorization. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2017, 58, 939-949.	5.2	18
164	Conflict processing in juvenile patients with neurofibromatosis type 1 (NF1) and healthy controls â€“ Two pathways to success. NeuroImage: Clinical, 2017, 14, 499-505.	2.7	18
165	Inter-individual differences in urge-tic associations in Tourette syndrome. Cortex, 2021, 143, 80-91.	2.4	18
166	Trans-generational neurochemical modulation of methamphetamine in the adult brain of the Wistar rat. Archives of Toxicology, 2017, 91, 3373-3384.	4.2	18
167	Differential effects of ADORA2A gene variations in pre-attentive visual sensory memory subprocesses. European Neuropsychopharmacology, 2012, 22, 555-561.	0.7	17
168	Specific neurophysiological mechanisms underlie cognitive inflexibility in inflammatory bowel disease. Scientific Reports, 2017, 7, 13943.	3.3	17
169	Effects of multisensory stimuli on inhibitory control in adolescent ADHD: It is the content of information that matters. NeuroImage: Clinical, 2018, 19, 527-537.	2.7	17
170	The neurophysiological basis of developmental changes during sequential cognitive flexibility between adolescents and adults. Human Brain Mapping, 2019, 40, 552-565.	3.6	17
171	How highâ€dose alcohol intoxication affects the interplay of automatic and controlled processes. Addiction Biology, 2020, 25, e12700.	2.6	17
172	Non-invasive Brain Stimulation for the Treatment of Gilles de la Tourette Syndrome. Frontiers in Neurology, 2020, 11, 592258.	2.4	17
173	Different strategies, but indifferent strategy adaptation during action cascading. Scientific Reports, 2015, 5, 9992.	3.3	16
174	Conscientiousness increases efficiency of multicomponent behavior. Scientific Reports, 2015, 5, 15731.	3.3	16
175	Effects of fatigue on cognitive control in neurosarcoidosis. European Neuropsychopharmacology, 2015, 25, 522-530.	0.7	16
176	Neurophysiological variability masks differences in functional neuroanatomical networks and their effectiveness to modulate response inhibition between children and adults. Brain Structure and Function, 2017, 223, 1797-1810.	2.3	16
177	Neurophysiological processes and functional neuroanatomical structures underlying proactive effects of emotional conflicts. NeuroImage, 2018, 174, 11-21.	4.2	16
178	Specific properties of the SI and SII somatosensory areas and their effects on motor control: a system neurophysiological study. Brain Structure and Function, 2018, 223, 687-699.	2.3	16
179	Double dissociated effects of the functional TNF-Î± -308G/A polymorphism on processes of cognitive control. Neuropsychologia, 2011, 49, 196-202.	1.6	15
180	Response inhibition is modulated by functional cerebral asymmetries for facial expression perception. Frontiers in Psychology, 2013, 4, 879.	2.1	15

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181	Lateralization of spatial information processing in response monitoring. Frontiers in Psychology, 2014, 5, 22.	2.1	15
182	On the relevance of the NPY2-receptor variation for modes of action cascading processes. NeuroImage, 2014, 102, 558-564.	4.2	15
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