

Christian Beste

List of Publications by Year in descending order

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Version: 2024-02-01

338
papers

9,255
citations

41258

49
h-index

95083

68
g-index

351
all docs

351
docs citations

351
times ranked

6650
citing authors

#	ARTICLE	IF	CITATIONS
1	Neurobiological mechanisms of control in alcohol use disorder – Moving towards mechanism-based non-invasive brain stimulation treatments. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 133, 104508.	2.9	5
2	A role of the norepinephrine system or effort in the interplay of different facets of inhibitory control. <i>Neuropsychologia</i> , 2022, 166, 108143.	0.7	7
3	Superior frontal regions reflect the dynamics of task engagement and theta band-related control processes in time-on task effects. <i>Scientific Reports</i> , 2022, 12, 846.	1.6	2
4	Auricular Transcutaneous Vagus Nerve Stimulation Diminishes Alpha-Band-Related Inhibitory Gating Processes During Conflict Monitoring in Frontal Cortices. <i>International Journal of Neuropsychopharmacology</i> , 2022, 25, 457-467.	1.0	8
5	Time-On-Task Effects on Working Memory Gating Processes – A Role of Theta Synchronization and the Norepinephrine System. <i>Cerebral Cortex Communications</i> , 2022, 3, tgac001.	0.7	6
6	How low working memory demands and reduced anticipatory attentional gating contribute to impaired inhibition during acute alcohol intoxication. <i>Scientific Reports</i> , 2022, 12, 2892.	1.6	0
7	Conditional generative adversarial networks applied to EEG data can inform about the inter-relation of antagonistic behaviors on a neural level. <i>Communications Biology</i> , 2022, 5, 148.	2.0	7
8	Resting-state theta activity is linked to information content-specific coding levels during response inhibition. <i>Scientific Reports</i> , 2022, 12, 4530.	1.6	5
9	Focusing on cognitive potential as the bright side of mental atypicality. <i>Communications Biology</i> , 2022, 5, 188.	2.0	5
10	Alpha and Theta Bands Dynamics Serve Distinct Functions during Perception – Action Integration in Response Inhibition. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1053-1069.	1.1	14
11	The metacontrol hypothesis as diagnostic framework of OCD and ADHD: A dimensional approach based on shared neurobiological vulnerability. <i>Neuroscience and Biobehavioral Reviews</i> , 2022, 137, 104677.	2.9	2
12	On the Role of Memory Representations in Action Control: Neurophysiological Decoding Reveals the Reactivation of Integrated Stimulus – Response Feature Representations. <i>Journal of Cognitive Neuroscience</i> , 2022, 34, 1246-1258.	1.1	6
13	Pre-trial fronto-occipital electrophysiological connectivity affects perception – action integration in response inhibition. <i>Cortex</i> , 2022, 152, 122-135.	1.1	10
14	Protocol to decode representations from EEG data with intermixed signals using temporal signal decomposition and multivariate pattern-analysis. <i>STAR Protocols</i> , 2022, 3, 101399.	0.5	3
15	Auricular transcutaneous vagus nerve stimulation for alcohol use disorder: A chance to improve treatment?. <i>Addiction Biology</i> , 2022, 27, .	1.4	3
16	The Downsides of Cognitive Enhancement. <i>Neuroscientist</i> , 2021, 27, 107385842094597.	2.6	29
17	A novel approach to intra-individual performance variability in ADHD. <i>European Child and Adolescent Psychiatry</i> , 2021, 30, 733-745.	2.8	10
18	Resting-state EEG Dynamics Reveals Differences in Network Organization and its Fluctuation between Frequency Bands. <i>Neuroscience</i> , 2021, 453, 43-56.	1.1	8

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19	Neurophysiological mechanisms underlying motor feature binding processes and representations. <i>Human Brain Mapping</i> , 2021, 42, 1313-1327.	1.9	21
20	Automatic aspects of response selection remain unchanged during high-dose alcohol intoxication. <i>Addiction Biology</i> , 2021, 26, e12852.	1.4	4
21	Cognitive profile in Restless Legs Syndrome: A signal-to-noise ratio account. <i>Current Research in Neurobiology</i> , 2021, 2, 100021.	1.1	1
22	Pushing to the Limits: What Processes during Cognitive Control are Enhanced by Reaction-Time Feedback?. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab027.	0.7	0
23	On the functional role of striatal and anterior cingulate GABA + in stimulus-response binding. <i>Human Brain Mapping</i> , 2021, 42, 1863-1878.	1.9	9
24	The dynamics of theta-related pro-active control and response inhibition processes in AD(H)D. <i>NeuroImage: Clinical</i> , 2021, 30, 102609.	1.4	7
25	Feedback-Based Learning of Timing in Attention-Deficit/Hyperactivity Disorder and Neurofibromatosis Type 1. <i>Journal of the International Neuropsychological Society</i> , 2021, , 1-10.	1.2	2
26	Short-term Focused Attention Meditation Restricts the Retrieval of Stimulus-Response Bindings to Relevant Information. <i>Mindfulness</i> , 2021, 12, 1272-1281.	1.6	8
27	Perception-Action Integration Is Modulated by the Catecholaminergic System Depending on Learning Experience. <i>International Journal of Neuropsychopharmacology</i> , 2021, 24, 592-600.	1.0	5
28	Anodal tDCS modulates specific processing codes during conflict monitoring associated with superior and middle frontal cortices. <i>Brain Structure and Function</i> , 2021, 226, 1335-1351.	1.2	4
29	#EEGManyLabs: Investigating the replicability of influential EEG experiments. <i>Cortex</i> , 2021, 144, 213-229.	1.1	52
30	Networks in the Field of Tourette Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 624858.	1.1	5
31	Affective Dysregulation in Children Is Associated With Difficulties in Response Control in Emotional Ambiguous Situations. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2021, 7, 66-66.	1.1	3
32	Neurophysiology of embedded response plans: age effects in action execution but not in feature integration from preadolescence to adulthood. <i>Journal of Neurophysiology</i> , 2021, 125, 1382-1395.	0.9	8
33	Neurophysiological and functional neuroanatomical coding of statistical and deterministic rule information during sequence learning. <i>Human Brain Mapping</i> , 2021, 42, 3182-3201.	1.9	13
34	Task Switching and the Role of Motor Reprogramming in Parietal Structures. <i>Neuroscience</i> , 2021, 461, 23-35.	1.1	5
35	The interplay of resting and inhibitory control-related theta-band activity depends on age. <i>Human Brain Mapping</i> , 2021, 42, 3845-3857.	1.9	8
36	Acute alcohol intoxication modulates the temporal dynamics of resting electroencephalography networks. <i>Addiction Biology</i> , 2021, 26, e13034.	1.4	12

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37	Somatosensory perceptionâ€“action binding in Tourette syndrome. <i>Scientific Reports</i> , 2021, 11, 13388.	1.6	5
38	Alcohol intoxication, but not hangover, differentially impairs learning and automatization of complex motor response sequences. <i>Scientific Reports</i> , 2021, 11, 12539.	1.6	2
39	A distinct electrophysiological signature for synaesthesia that is independent of individual differences in sensory sensitivity. <i>Cortex</i> , 2021, 139, 249-266.	1.1	2
40	Dissociating direct and indirect effects: a theoretical framework of how latent toxoplasmosis affects cognitive profile across the lifespan. <i>Neurobiology of Aging</i> , 2021, 102, 119-128.	1.5	5
41	An Oppositional Tolerance Account for Potential Cognitive Deficits Caused by the Discontinuation of Antidepressant Drugs. <i>Pharmacopsychiatry</i> , 2021, 54, 252-260.	1.7	0
42	Taming the chaos?! Using eXplainable Artificial Intelligence (XAI) to tackle the complexity in mental health research. <i>European Child and Adolescent Psychiatry</i> , 2021, 30, 1143-1146.	2.8	14
43	Swearing and coprophenomena â€“ A multidimensional approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 126, 12-22.	2.9	8
44	Lowerâ€“level associations in Gilles de la Tourette syndrome: Convergence between hyperbinding of stimulus and response features and procedural hyperfunctioning theories. <i>European Journal of Neuroscience</i> , 2021, 54, 5143-5160.	1.2	7
45	Event-related synchronization/desynchronization and functional neuroanatomical regions associated with fatigue effects on cognitive flexibility. <i>Journal of Neurophysiology</i> , 2021, 126, 383-397.	0.9	7
46	Neural dynamics of stimulus-response representations during inhibitory control. <i>Journal of Neurophysiology</i> , 2021, 126, 680-692.	0.9	20
47	Perception-action integration in young ageâ€“A cross-sectional EEG study. <i>Developmental Cognitive Neuroscience</i> , 2021, 50, 100977.	1.9	10
48	Distinct Brain-Oscillatory Neuroanatomical Architecture of Perception-Action Integration in Adolescents With Tourette Syndrome. <i>Biological Psychiatry Global Open Science</i> , 2021, 1, 123-134.	1.0	8
49	Pandemic Ticâ€“like Behaviors Following Social Media Consumption. <i>Movement Disorders</i> , 2021, 36, 2932-2935.	2.2	51
50	A hierarchical processing unit for multi-component behavior in the avian brain. <i>IScience</i> , 2021, 24, 103195.	1.9	5
51	Disconnected psychology and neuroscienceâ€“implications for scientific progress, replicability and the role of publishing. <i>Communications Biology</i> , 2021, 4, 1099.	2.0	6
52	Inter-individual differences in urge-tic associations in Tourette syndrome. <i>Cortex</i> , 2021, 143, 80-91.	1.1	18
53	A neural noise account of Gilles de la Tourette syndrome. <i>NeuroImage: Clinical</i> , 2021, 30, 102654.	1.4	8
54	Tourette syndrome as a motor disorder revisited â€“ Evidence from action coding. <i>NeuroImage: Clinical</i> , 2021, 30, 102611.	1.4	12

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55	Increased scale-free and aperiodic neural activity during sensorimotor integration—a novel facet in Tourette syndrome. <i>Brain Communications</i> , 2021, 3, fcab250.	1.5	11
56	Towards an Ideology-Free, Truly Mechanistic Health Psychology. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11126.	1.2	3
57	Distinguishing Multiple Coding Levels in Theta Band Activity During Working Memory Gating Processes. <i>Neuroscience</i> , 2021, 478, 11-23.	1.1	10
58	Multi-level decoding of task sets in neurophysiological data during cognitive flexibility. <i>IScience</i> , 2021, 24, 103502.	1.9	14
59	Questioning the definition of Tourette syndrome—evidence from machine learning. <i>Brain Communications</i> , 2021, 3, fcab282.	1.5	6
60	How high-dose alcohol intoxication affects the interplay of automatic and controlled processes. <i>Addiction Biology</i> , 2020, 25, e12700.	1.4	17
61	Dopamine D1, but not D2, signaling protects mental representations from distracting bottom-up influences. <i>NeuroImage</i> , 2020, 204, 116243.	2.1	9
62	High-dose ethanol intoxication decreases 1/f neural noise or scale-free neural activity in the resting state. <i>Addiction Biology</i> , 2020, 25, e12818.	1.4	9
63	Learning Experience Reverses Catecholaminergic Effects on Adaptive Behavior. <i>International Journal of Neuropsychopharmacology</i> , 2020, 23, 12-19.	1.0	11
64	Passive perceptual learning modulates motor inhibitory control in superior frontal regions. <i>Human Brain Mapping</i> , 2020, 41, 726-738.	1.9	7
65	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)—From trajectories to mechanisms and interventions. <i>Addiction Biology</i> , 2020, 25, e12866.	1.4	135
66	Editorial: The Global Methamphetamine Problem: Approaches to Elucidate the Neurobiology, Epidemiology, and Therapeutic Effectiveness. <i>Frontiers in Psychiatry</i> , 2020, 11, 850.	1.3	4
67	Cardiac cycle gated cognitive-emotional control in superior frontal cortices. <i>NeuroImage</i> , 2020, 222, 117275.	2.1	20
68	Evidence for a causal role of superior frontal cortex theta oscillations during the processing of joint subliminal and conscious conflicts. <i>Cortex</i> , 2020, 132, 15-28.	1.1	13
69	Non-invasive Brain Stimulation for the Treatment of Gilles de la Tourette Syndrome. <i>Frontiers in Neurology</i> , 2020, 11, 592258.	1.1	17
70	Gilles de la Tourette Syndrome—A Disorder of Action-Perception Integration. <i>Frontiers in Neurology</i> , 2020, 11, 597898.	1.1	20
71	A large-scale estimate on the relationship between language and motor lateralization. <i>Scientific Reports</i> , 2020, 10, 13027.	1.6	23
72	Why Cognitive—Cognitive Dual-Task Testing Assessment Should Be Implemented in Studies on Multiple Sclerosis and in Regular Clinical Practice. <i>Frontiers in Neurology</i> , 2020, 11, 905.	1.1	3

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73	Resting theta activity is associated with specific coding levels in event-related theta activity during conflict monitoring. <i>Human Brain Mapping</i> , 2020, 41, 5114-5127.	1.9	19
74	Neurophysiological correlates of perception-action binding in the somatosensory system. <i>Scientific Reports</i> , 2020, 10, 14794.	1.6	8
75	On the Reliability of Examining Dual-Tasking Abilities Using a Novel E-Health Device: A Proof of Concept Study in Multiple Sclerosis. <i>Journal of Clinical Medicine</i> , 2020, 9, 3423.	1.0	1
76	Alcohol Hangover Does Not Alter the Application of Model-Based and Model-Free Learning Strategies. <i>Journal of Clinical Medicine</i> , 2020, 9, 1453.	1.0	2
77	Short-term Smartphone App-Based Focused Attention Meditation Diminishes Cognitive Flexibility. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1484-1496.	1.1	10
78	Task experience eliminates catecholaminergic effects on inhibitory control - A randomized, double-blind cross-over neurophysiological study. <i>European Neuropsychopharmacology</i> , 2020, 35, 89-99.	0.3	11
79	Increased perception-action binding in Tourette syndrome. <i>Brain</i> , 2020, 143, 1934-1945.	3.7	65
80	Decoding Stimulus-Response Representations and Their Stability Using EEG-Based Multivariate Pattern Analysis. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa016.	0.7	48
81	Pre-trial theta band activity in the ventromedial prefrontal cortex correlates with inhibition-related theta band activity in the right inferior frontal cortex. <i>NeuroImage</i> , 2020, 219, 117052.	2.1	39
82	Alcohol Hangover Differentially Modulates the Processing of Relevant and Irrelevant Information. <i>Journal of Clinical Medicine</i> , 2020, 9, 778.	1.0	4
83	Connecting EEG signal decomposition and response selection processes using the theory of event coding framework. <i>Human Brain Mapping</i> , 2020, 41, 2862-2877.	1.9	70
84	Low and high stimulation frequencies differentially affect automated response selection in the superior parietal cortex - implications for somatosensory area processes. <i>Scientific Reports</i> , 2020, 10, 3954.	1.6	3
85	A literature review on the neurophysiological underpinnings and cognitive effects of transcutaneous vagus nerve stimulation: challenges and future directions. <i>Journal of Neurophysiology</i> , 2020, 123, 1739-1755.	0.9	52
86	Applying deep learning to single-trial EEG data provides evidence for complementary theories on action control. <i>Communications Biology</i> , 2020, 3, 112.	2.0	58
87	EEG Signal Decomposition Evidence for a Role of Perceptual Processes during Conflict-related Behavioral Adjustments in Middle Frontal Regions. <i>Journal of Cognitive Neuroscience</i> , 2020, 32, 1381-1393.	1.1	4
88	Neurofeedback trains a superordinate system relevant for seemingly opposing behavioral control deficits depending on ADHD subtype. <i>Developmental Science</i> , 2020, 23, e12956.	1.3	9
89	Inflexible adjustment of expectations affects cognitive-emotional conflict control in adolescents with autism spectrum disorder. <i>Cortex</i> , 2020, 130, 231-245.	1.1	9
90	Properties of lower level processing modulate the actions of the norepinephrine system during response inhibition. <i>Biological Psychology</i> , 2020, 152, 107862.	1.1	4

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91	Immediate early gene fingerprints of multi-component behaviour. <i>Scientific Reports</i> , 2020, 10, 384.	1.6	7
92	Acute Alcohol Effects on Response Inhibition Depend on Response Automatization, but not on GABA or Glutamate Levels in the ACC and Striatum. <i>Journal of Clinical Medicine</i> , 2020, 9, 481.	1.0	13
93	Comprehensive Behavioral Intervention for Tics reduces perception-action binding during inhibitory control in Gilles de la Tourette syndrome. <i>Scientific Reports</i> , 2020, 10, 1174.	1.6	28
94	Intact Stimulus-Response Conflict Processing in ADHD-Multilevel Evidence and Theoretical Implications. <i>Journal of Clinical Medicine</i> , 2020, 9, 234.	1.0	3
95	A possible role of the norepinephrine system during sequential cognitive flexibility - Evidence from EEG and pupil diameter data. <i>Cortex</i> , 2020, 128, 22-34.	1.1	10
96	Anodal transcranial direct current stimulation enhances the efficiency of functional brain network communication during auditory attentional control. <i>Journal of Neurophysiology</i> , 2020, 124, 207-217.	0.9	1
97	International Consensus Based Review and Recommendations for Minimum Reporting Standards in Research on Transcutaneous Vagus Nerve Stimulation (Version 2020). <i>Frontiers in Human Neuroscience</i> , 2020, 14, 568051.	1.0	143
98	Using temporal EEG signal decomposition to identify specific neurophysiological correlates of distractor-response bindings proposed by the theory of event coding. <i>NeuroImage</i> , 2020, 209, 116524.	2.1	49
99	Neurofilament light chain in serum is significantly increased in chorea-acanthocytosis. <i>Parkinsonism and Related Disorders</i> , 2020, 80, 28-31.	1.1	6
100	Electro-Myo-Stimulation Induced Tic Exacerbation - Increased Tendencies for the Formation of Perception-Action Links in Tourette Syndrome. <i>Tremor and Other Hyperkinetic Movements</i> , 2020, 10, 41.	1.1	8
101	Altered perception-action binding modulates inhibitory control in Gilles de la Tourette syndrome. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2019, 60, 953-962.	3.1	46
102	Methamphetamine-associated difficulties in cognitive control allocation may normalize after prolonged abstinence. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 88, 41-52.	2.5	26
103	Validity expectancies shape the interplay of cueing and task demands during inhibitory control associated with right inferior frontal regions. <i>Brain Structure and Function</i> , 2019, 224, 1911-1924.	1.2	5
104	Genetic variation in dopamine availability modulates the self-reported level of action control in a sex-dependent manner. <i>Social Cognitive and Affective Neuroscience</i> , 2019, 14, 759-768.	1.5	3
105	Effects of aging on sequential cognitive flexibility are associated with fronto-parietal processing deficits. <i>Brain Structure and Function</i> , 2019, 224, 2343-2355.	1.2	19
106	The Role of DRD1 and DRD2 Receptors for Response Selection Under Varying Complexity Levels: Implications for Metacognitive Processes. <i>International Journal of Neuropsychopharmacology</i> , 2019, 22, 747-753.	1.0	8
107	Deep Learning Based on Event-Related EEG Differentiates Children with ADHD from Healthy Controls. <i>Journal of Clinical Medicine</i> , 2019, 8, 1055.	1.0	70
108	Paradoxical response inhibition advantages in adolescent obsessive compulsive disorder result from the interplay of automatic and controlled processes. <i>NeuroImage: Clinical</i> , 2019, 23, 101893.	1.4	10

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109	Thalamic GABA may modulate cognitive control in restless legs syndrome. <i>Neuroscience Letters</i> , 2019, 712, 134494.	1.0	8
110	Predictive coding and adaptive behavior in patients with genetically determined cerebellar ataxia—a neurophysiology study. <i>NeuroImage: Clinical</i> , 2019, 24, 102043.	1.4	7
111	How non-veridical perception drives actions in healthy humans: evidence from synaesthesia. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180574.	1.8	4
112	Alcohol Hangover Slightly Impairs Response Selection but not Response Inhibition. <i>Journal of Clinical Medicine</i> , 2019, 8, 1317.	1.0	12
113	Anodal tDCS affects neuromodulatory effects of the norepinephrine system on superior frontal theta activity during response inhibition. <i>Brain Structure and Function</i> , 2019, 224, 1291-1300.	1.2	35
114	Lateral prefrontal anodal transcranial direct current stimulation augments resolution of auditory perceptual-attentional conflicts. <i>NeuroImage</i> , 2019, 199, 217-227.	2.1	12
115	On the relevance of EEG resting theta activity for the neurophysiological dynamics underlying motor inhibitory control. <i>Human Brain Mapping</i> , 2019, 40, 4253-4265.	1.9	35
116	The impact of stimulus modality on the processing of conflicting sensory information during response inhibition. <i>Neuroscience</i> , 2019, 410, 191-201.	1.1	5
117	How perceptual ambiguity affects response inhibition processes. <i>Journal of Neurophysiology</i> , 2019, 122, 500-511.	0.9	9
118	The Presynaptic Regulation of Dopamine and Norepinephrine Synthesis Has Dissociable Effects on Different Kinds of Cognitive Conflicts. <i>Molecular Neurobiology</i> , 2019, 56, 8087-8100.	1.9	10
119	How the depth of processing modulates emotional interference—evidence from EEG and pupil diameter data. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1231-1246.	1.0	9
120	Structural Asymmetry in the Frontal and Temporal Lobes Is Associated with PCSK6 VNTR Polymorphism. <i>Molecular Neurobiology</i> , 2019, 56, 7765-7773.	1.9	4
121	Stimulus Feature Conflicts Enhance Motor Inhibitory Control Processes in the Lateral Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1430-1442.	1.1	15
122	Catecholaminergic effects on inhibitory control depend on the interplay of prior task experience and working memory demands. <i>Journal of Psychopharmacology</i> , 2019, 33, 678-687.	2.0	23
123	On the interrelation of neural noise and norepinephrine system activity during motor response inhibition. <i>Journal of Neurophysiology</i> , 2019, 121, 1633-1643.	0.9	30
124	CHRM2 Genotype Affects Inhibitory Control Mechanisms During Cognitive Flexibility. <i>Molecular Neurobiology</i> , 2019, 56, 6134-6141.	1.9	6
125	The Intensity of Early Attentional Processing, but Not Conflict Monitoring, Determines the Size of Subliminal Response Conflicts. <i>Frontiers in Human Neuroscience</i> , 2019, 13, 53.	1.0	5
126	Neuronal networks underlying the conjoint modulation of response selection by subliminal and consciously induced cognitive conflicts. <i>Brain Structure and Function</i> , 2019, 224, 1697-1709.	1.2	12

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127	Numbers in action during cognitive flexibility â€“ A neurophysiological approach on numerical operations underlying task switching. <i>Cortex</i> , 2019, 120, 101-115.	1.1	7
128	The Modulation of Neural Noise Underlies the Effectiveness of Methylphenidate Treatment in Attention-Deficit/Hyperactivity Disorder. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 743-750.	1.1	30
129	Stimulus-response recoding during inhibitory control is associated with superior frontal and parahippocampal processes. <i>NeuroImage</i> , 2019, 196, 227-236.	2.1	29
130	Young frequent binge drinkers show no behavioral deficits in inhibitory control and cognitive flexibility. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 93, 93-101.	2.5	2
131	Evidence for an altered architecture and a hierarchical modulation of inhibitory control processes in ADHD. <i>Developmental Cognitive Neuroscience</i> , 2019, 36, 100623.	1.9	20
132	Methamphetamine Users Show No Behavioral Deficits in Response Selection After Protracted Abstinence. <i>Frontiers in Psychiatry</i> , 2019, 10, 823.	1.3	4
133	Detrimental effects of a high-dose alcohol intoxication on sequential cognitive flexibility are attenuated by practice. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 89, 97-108.	2.5	12
134	Apolipoprotein Î¼4 is associated with better cognitive control allocation in healthy young adults. <i>NeuroImage</i> , 2019, 185, 274-285.	2.1	12
135	How minimal variations in neuronal cytoskeletal integrity modulate cognitive control. <i>NeuroImage</i> , 2019, 185, 129-139.	2.1	25
136	The neurophysiological basis of developmental changes during sequential cognitive flexibility between adolescents and adults. <i>Human Brain Mapping</i> , 2019, 40, 552-565.	1.9	17
137	Physical intensity of stimuli modulates motor inhibition by affecting response selection processes in right inferior frontal regions. <i>Behavioural Brain Research</i> , 2019, 359, 597-608.	1.2	2
138	Myelin Water Fraction Imaging Reveals Hemispheric Asymmetries in Human White Matter That Are Associated with Genetic Variation in PLP1. <i>Molecular Neurobiology</i> , 2019, 56, 3999-4012.	1.9	14
139	Gilles de la Tourette Syndrome. <i>Zeitschrift FÃ¼r Neuropsychologie = Journal of Neuropsychology</i> , 2019, 30, 215-221.	0.2	4
140	Differences in response inhibition processes between adolescents and adults are modulated by sensory processes. <i>Developmental Cognitive Neuroscience</i> , 2018, 31, 35-45.	1.9	10
141	Dopamine Modulates the Efficiency of Sensory Evidence Accumulation During Perceptual Decision Making. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 649-655.	1.0	39
142	When repetitive mental sets increase cognitive flexibility in adolescent obsessiveâ€“compulsive disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018, 59, 1024-1032.	3.1	22
143	Neurophysiological mechanisms of interval timing dissociate inattentive and combined ADHD subtypes. <i>Scientific Reports</i> , 2018, 8, 2033.	1.6	23
144	PLP1 Gene Variation Modulates Leftward and Rightward Functional Hemispheric Asymmetries. <i>Molecular Neurobiology</i> , 2018, 55, 7691-7700.	1.9	7

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145	Response selection codes in neurophysiological data predict conjoint effects of controlled and automatic processes during response inhibition. <i>Human Brain Mapping</i> , 2018, 39, 1839-1849.	1.9	55
146	Tics and Tourette syndrome – surplus of actions rather than disorder?. <i>Movement Disorders</i> , 2018, 33, 238-242.	2.2	52
147	On the role of the prefrontal cortex in fatigue effects on cognitive flexibility - a system neurophysiological approach. <i>Scientific Reports</i> , 2018, 8, 6395.	1.6	19
148	Neural mechanisms underlying successful and deficient multi-component behavior in early adolescent ADHD. <i>NeuroImage: Clinical</i> , 2018, 18, 533-542.	1.4	11
149	Neurophysiological processes and functional neuroanatomical structures underlying proactive effects of emotional conflicts. <i>NeuroImage</i> , 2018, 174, 11-21.	2.1	16
150	Effects of high-dose ethanol intoxication and hangover on cognitive flexibility. <i>Addiction Biology</i> , 2018, 23, 503-514.	1.4	30
151	Neural correlates of prediction violations in boys with Tourette syndrome: Evidence from harmonic expectancy. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 130-141.	1.3	6
152	The Basal Ganglia Striosomes Affect the Modulation of Conflicts by Subliminal Information – Evidence from X-Linked Dystonia Parkinsonism. <i>Cerebral Cortex</i> , 2018, 28, 2243-2252.	1.6	29
153	Working memory load affects repetitive behaviour but not cognitive flexibility in adolescent autism spectrum disorder. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 509-520.	1.3	4
154	Cognitive Control Processes and Functional Cerebral Asymmetries: Association with Variation in the Handedness-Associated Gene LRRTM1. <i>Molecular Neurobiology</i> , 2018, 55, 2268-2274.	1.9	8
155	The role of phasic norepinephrine modulations during task switching: evidence for specific effects in parietal areas. <i>Brain Structure and Function</i> , 2018, 223, 925-940.	1.2	33
156	Specific properties of the SI and SII somatosensory areas and their effects on motor control: a system neurophysiological study. <i>Brain Structure and Function</i> , 2018, 223, 687-699.	1.2	16
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