

Christian Beste

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

335 papers	6,783 citations	43 h-index	60 g-index
351 ext. papers	8,179 ext. citations	4.8 avg, IF	6.7 L-index

#	Paper	IF	Citations
335	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	4.9	0
334	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	1.9	0
333	A role of the norepinephrine system or effort in the interplay of different facets of inhibitory control.. <i>Neuropsychologia</i> , 2022 , 166, 108143	3.2	0
332	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	4.9	
331	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	6.7	0
330	Resting-state theta activity is linked to information content-specific coding levels during response inhibition.. <i>Scientific Reports</i> , 2022 , 12, 4530	4.9	0
329	Focusing on cognitive potential as the bright side of mental atypicality.. <i>Communications Biology</i> , 2022 , 5, 188	6.7	2
328	Alpha and Theta Bands Dynamics Serve Distinct Functions during Perception-Action Integration in Response Inhibition.. <i>Journal of Cognitive Neuroscience</i> , 2022 , 1-17	3.1	1
327	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 , 104677	9	1
326	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 , 1-13	3.1	0
325	Pre-trial fronto-occipital electrophysiological connectivity affects perception-action integration in response inhibition.. <i>Cortex</i> , 2022 , 152, 122-135	3.8	1
324	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	1.4	0
323	Questioning the definition of Tourette syndrome-evidence from machine learning.. <i>Brain Communications</i> , 2021 , 3, fcab282	4.5	1
322	Multi-level decoding of task sets in neurophysiological data during cognitive flexibility.. <i>IScience</i> , 2021 , 24, 103502	6.1	3
321	Neurobiological mechanisms of control in alcohol use disorder - moving towards mechanism-based non-invasive brain stimulation treatments.. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 133, 104508-104508 ⁰	8	0
320	Increased scale-free and aperiodic neural activity during sensorimotor integration-a novel facet in Tourette syndrome. <i>Brain Communications</i> , 2021 , 3, fcab250	4.5	1
319	Towards an Ideology-Free, Truly Mechanistic Health Psychology. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1

318	Distinguishing Multiple Coding Levels in Theta Band Activity During Working Memory Gating Processes. <i>Neuroscience</i> , 2021 , 478, 11-23	3.9	3
317	The Downsides of Cognitive Enhancement. <i>Neuroscientist</i> , 2021 , 27, 322-330	7.6	8
316	Short-term Focused Attention Meditation Restricts the Retrieval of Stimulus-Response Bindings to Relevant Information. <i>Mindfulness</i> , 2021 , 12, 1272-1281	2.9	3
315	Perception-Action Integration Is Modulated by the Catecholaminergic System Depending on Learning Experience. <i>International Journal of Neuropsychopharmacology</i> , 2021 , 24, 592-600	5.8	1
314	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	4	1
313	#EEGManyLabs: Investigating the replicability of influential EEG experiments. <i>Cortex</i> , 2021 , 144, 213-229	3.8	10
312	Networks in the Field of Tourette Syndrome. <i>Frontiers in Neurology</i> , 2021 , 12, 624858	4.1	0
311	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	3.4	1
310	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	3.2	3
309	Neurophysiological and functional neuroanatomical coding of statistical and deterministic rule information during sequence learning. <i>Human Brain Mapping</i> , 2021 , 42, 3182-3201	5.9	6
308	Task Switching and the Role of Motor Reprogramming in Parietal Structures. <i>Neuroscience</i> , 2021 , 461, 23-35	3.9	3
307	The interplay of resting and inhibitory control-related theta-band activity depends on age. <i>Human Brain Mapping</i> , 2021 , 42, 3845-3857	5.9	2
306	Acute alcohol intoxication modulates the temporal dynamics of resting electroencephalography networks. <i>Addiction Biology</i> , 2021 , 26, e13034	4.6	4
305	Somatosensory perception-action binding in Tourette syndrome. <i>Scientific Reports</i> , 2021 , 11, 13388	4.9	2
304	Alcohol intoxication, but not hangover, differentially impairs learning and automatization of complex motor response sequences. <i>Scientific Reports</i> , 2021 , 11, 12539	4.9	0
303	A distinct electrophysiological signature for synaesthesia that is independent of individual differences in sensory sensitivity. <i>Cortex</i> , 2021 , 139, 249-266	3.8	0
302	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	5.6	3
301	An Oppositional Tolerance Account for Potential Cognitive Deficits Caused by the Discontinuation of Antidepressant Drugs. <i>Pharmacopsychiatry</i> , 2021 , 54, 252-260	2	

300	A novel approach to intra-individual performance variability in ADHD. <i>European Child and Adolescent Psychiatry</i> , 2021 , 30, 733-745	5.5	1
299	Resting-state EEG Dynamics Reveals Differences in Network Organization and its Fluctuation between Frequency Bands. <i>Neuroscience</i> , 2021 , 453, 43-56	3.9	3
298	Neurophysiological mechanisms underlying motor feature binding processes and representations. <i>Human Brain Mapping</i> , 2021 , 42, 1313-1327	5.9	8
297	Automatic aspects of response selection remain unchanged during high-dose alcohol intoxication. <i>Addiction Biology</i> , 2021 , 26, e12852	4.6	4
296	Cognitive profile in Restless Legs Syndrome: A signal-to-noise ratio account. <i>Current Research in Neurobiology</i> , 2021 , 2, 100021	0	
295	Pushing to the Limits: What Processes during Cognitive Control are Enhanced by Reaction-Time Feedback?. <i>Cerebral Cortex Communications</i> , 2021 , 2, tgab027	1.9	
294	On the functional role of striatal and anterior cingulate GABA+ in stimulus-response binding. <i>Human Brain Mapping</i> , 2021 , 42, 1863-1878	5.9	4
293	The dynamics of theta-related pro-active control and response inhibition processes in AD(H)D. <i>NeuroImage: Clinical</i> , 2021 , 30, 102609	5.3	2
292	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	3.1	1
291	Swearing and coprophenomena - A multidimensional approach. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 126, 12-22	9	4
290	Lower-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	3.5	2
289	Event-related synchronization/desynchronization and functional neuroanatomical regions associated with fatigue effects on cognitive flexibility. <i>Journal of Neurophysiology</i> , 2021 , 126, 383-397	3.2	2
288	Neural dynamics of stimulus-response representations during inhibitory control. <i>Journal of Neurophysiology</i> , 2021 , 126, 680-692	3.2	4
287	Perception-action integration in young age-A cross-sectional EEG study. <i>Developmental Cognitive Neuroscience</i> , 2021 , 50, 100977	5.5	1
286	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		5
285	Pandemic Tic-like Behaviors Following Social Media Consumption. <i>Movement Disorders</i> , 2021 , 36, 2932	7	2
284	A hierarchical processing unit for multi-component behavior in the avian brain. <i>IScience</i> , 2021 , 24, 103195	5.1	0
283	Disconnected psychology and neuroscience-implications for scientific progress, replicability and the role of publishing. <i>Communications Biology</i> , 2021 , 4, 1099	6.7	0

282	Inter-individual differences in urge-tic associations in Tourette syndrome. <i>Cortex</i> , 2021 , 143, 80-91	3.8	1
281	A neural noise account of Gilles de la Tourette syndrome. <i>NeuroImage: Clinical</i> , 2021 , 30, 102654	5.3	5
280	Tourette syndrome as a motor disorder revisited - Evidence from action coding. <i>NeuroImage: Clinical</i> , 2021 , 30, 102611	5.3	4
279	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,	5.1	1
278	Alcohol Hangover Does Not Alter the Application of Model-Based and Model-Free Learning Strategies. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	1
277	Short-term Smartphone App-Based Focused Attention Meditation Diminishes Cognitive Flexibility. <i>Journal of Cognitive Neuroscience</i> , 2020 , 32, 1484-1496	3.1	7
276	Task experience eliminates catecholaminergic effects on inhibitory control - A randomized, double-blind cross-over neurophysiological study. <i>European Neuropsychopharmacology</i> , 2020 , 35, 89-99	1.2	5
275	Increased perception-action binding in Tourette syndrome. <i>Brain</i> , 2020 , 143, 1934-1945	11.2	37
274	Decoding Stimulus-Response Representations and Their Stability Using EEG-Based Multivariate Pattern Analysis. <i>Cerebral Cortex Communications</i> , 2020 , 1, tgaa016	1.9	28
273	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	7.9	17
272	Alcohol Hangover Differentially Modulates the Processing of Relevant and Irrelevant Information. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
271	Connecting EEG signal decomposition and response selection processes using the theory of event coding framework. <i>Human Brain Mapping</i> , 2020 , 41, 2862-2877	5.9	36
270	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	4.9	3
269	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	3.2	17
268	Applying deep learning to single-trial EEG data provides evidence for complementary theories on action control. <i>Communications Biology</i> , 2020 , 3, 112	6.7	21
267	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	3.1	2
266	Neurofeedback trains a superordinate system relevant for seemingly opposing behavioral control deficits depending on ADHD subtype. <i>Developmental Science</i> , 2020 , 23, e12956	4.5	7
265	Inflexible adjustment of expectations affects cognitive-emotional conflict control in adolescents with autism spectrum disorder. <i>Cortex</i> , 2020 , 130, 231-245	3.8	4

264	Properties of lower level processing modulate the actions of the norepinephrine system during response inhibition. <i>Biological Psychology</i> , 2020 , 152, 107862	3.2	1
263	Immediate early gene fingerprints of multi-component behaviour. <i>Scientific Reports</i> , 2020 , 10, 384	4.9	2
262	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,	5.1	5
261	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	4.9	19
260	Intact Stimulus-Response Conflict Processing in ADHD-Multilevel Evidence and Theoretical Implications. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
259	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	2	6
258	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	7.9	26
257	Neurofilament light chain in serum is significantly increased in chorea-acanthocytosis. <i>Parkinsonism and Related Disorders</i> , 2020 , 80, 28-31	3.6	5
256	Learning Experience Reverses Catecholaminergic Effects on Adaptive Behavior. <i>International Journal of Neuropsychopharmacology</i> , 2020 , 23, 12-19	5.8	5
255	Passive perceptual learning modulates motor inhibitory control in superior frontal regions. <i>Human Brain Mapping</i> , 2020 , 41, 726-738	5.9	5
254	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)-From trajectories to mechanisms and interventions. <i>Addiction Biology</i> , 2020 , 25, e12866	4.6	70
253	Cardiac cycle gated cognitive-emotional control in superior frontal cortices. <i>NeuroImage</i> , 2020 , 222, 117275	7.5	6
252	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	3.8	5
251	Non-invasive Brain Stimulation for the Treatment of Gilles de la Tourette Syndrome. <i>Frontiers in Neurology</i> , 2020 , 11, 592258	4.1	7
250	Gilles de la Tourette Syndrome-A Disorder of Action-Perception Integration. <i>Frontiers in Neurology</i> , 2020 , 11, 597898	4.1	14
249	A large-scale estimate on the relationship between language and motor lateralization. <i>Scientific Reports</i> , 2020 , 10, 13027	4.9	10
248	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	4.1	1
247	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	5.9	8

246	Neurophysiological correlates of perception-action binding in the somatosensory system. <i>Scientific Reports</i> , 2020 , 10, 14794	4.9	3
245	How high-dose alcohol intoxication affects the interplay of automatic and controlled processes. <i>Addiction Biology</i> , 2020 , 25, e12700	4.6	8
244	Dopamine D1, but not D2, signaling protects mental representations from distracting bottom-up influences. <i>NeuroImage</i> , 2020 , 204, 116243	7.9	5
243	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	4.6	4
242	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	3.8	1
241	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	3.2	1
240	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	3.3	46
239	Alcohol Hangover Slightly Impairs Response Selection but not Response Inhibition. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
238	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	4	22
237	Lateral prefrontal anodal transcranial direct current stimulation augments resolution of auditory perceptual-attentional conflicts. <i>NeuroImage</i> , 2019 , 199, 217-227	7.9	10
236	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	5.9	20
235	The impact of stimulus modality on the processing of conflicting sensory information during response inhibition. <i>Neuroscience</i> , 2019 , 410, 191-201	3.9	5
234	How perceptual ambiguity affects response inhibition processes. <i>Journal of Neurophysiology</i> , 2019 , 122, 500-511	3.2	9
233	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	6.2	6
232	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	3.5	6
231	Structural Asymmetry in the Frontal and Temporal Lobes Is Associated with PCSK6 VNTR Polymorphism. <i>Molecular Neurobiology</i> , 2019 , 56, 7765-7773	6.2	4
230	Stimulus Feature Conflicts Enhance Motor Inhibitory Control Processes in the Lateral Prefrontal Cortex. <i>Journal of Cognitive Neuroscience</i> , 2019 , 31, 1430-1442	3.1	11
229	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	4.6	9

228	On the interrelation of 1/ neural noise and norepinephrine system activity during motor response inhibition. <i>Journal of Neurophysiology</i> , 2019 , 121, 1633-1643	3.2	17
227	CHRM2 Genotype Affects Inhibitory Control Mechanisms During Cognitive Flexibility. <i>Molecular Neurobiology</i> , 2019 , 56, 6134-6141	6.2	4
226	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	3.3	3
225	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	4	10
224	Numbers in action during cognitive flexibility - A neurophysiological approach on numerical operations underlying task switching. <i>Cortex</i> , 2019 , 120, 101-115	3.8	7
223	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	3.4	17
222	Stimulus-response recoding during inhibitory control is associated with superior frontal and parahippocampal processes. <i>NeuroImage</i> , 2019 , 196, 227-236	7.9	17
221	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	5.5	2
220	Evidence for an altered architecture and a hierarchical modulation of inhibitory control processes in ADHD. <i>Developmental Cognitive Neuroscience</i> , 2019 , 36, 100623	5.5	14
219	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	7.9	37
218	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	5.5	15
217	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	4	5
216	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	4	0
215	Effects of aging on sequential cognitive flexibility are associated with fronto-parietal processing deficits. <i>Brain Structure and Function</i> , 2019 , 224, 2343-2355	4	8
214	The Role of DRD1 and DRD2 Receptors for Response Selection Under Varying Complexity Levels: Implications for Metacontrol Processes. <i>International Journal of Neuropsychopharmacology</i> , 2019 , 22, 747-753	5.8	5
213	Deep Learning Based on Event-Related EEG Differentiates Children with ADHD from Healthy Controls. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	28
212	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	5.3	6
211	Thalamic GABA may modulate cognitive control in restless legs syndrome. <i>Neuroscience Letters</i> , 2019 , 712, 134494	3.3	5

210	Predictive coding and adaptive behavior in patients with genetically determined cerebellar ataxia--A neurophysiology study. <i>NeuroImage: Clinical</i> , 2019 , 24, 102043	5.3	2
209	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	5.8	3
208	Neuropharmacological Interventions and Event File Coding in Gilles de la Tourette Syndrome. <i>Zeitschrift für Neuropsychologie = Journal of Neuropsychology</i> , 2019 , 30, 223-229	0.5	
207	Sonderheft Gilles de la Tourette Syndrom. <i>Zeitschrift für Neuropsychologie = Journal of Neuropsychology</i> , 2019 , 30, 213-214	0.5	
206	Gilles de la Tourette Syndrome. <i>Zeitschrift für Neuropsychologie = Journal of Neuropsychology</i> , 2019 , 30, 215-221	0.5	2
205	Methamphetamine Users Show No Behavioral Deficits in Response Selection After Protracted Abstinence. <i>Frontiers in Psychiatry</i> , 2019 , 10, 823	5	1
204	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	5.5	8
203	Apolipoprotein E is associated with better cognitive control allocation in healthy young adults. <i>NeuroImage</i> , 2019 , 185, 274-285	7.9	9
202	How minimal variations in neuronal cytoskeletal integrity modulate cognitive control. <i>NeuroImage</i> , 2019 , 185, 129-139	7.9	17
201	The neurophysiological basis of developmental changes during sequential cognitive flexibility between adolescents and adults. <i>Human Brain Mapping</i> , 2019 , 40, 552-565	5.9	13
200	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	3.4	2
199	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	6.2	9
198	Differences in response inhibition processes between adolescents and adults are modulated by sensory processes. <i>Developmental Cognitive Neuroscience</i> , 2018 , 31, 35-45	5.5	8
197	Dopamine Modulates the Efficiency of Sensory Evidence Accumulation During Perceptual Decision Making. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 649-655	5.8	19
196	When repetitive mental sets increase cognitive flexibility in adolescent obsessive-compulsive disorder. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2018 , 59, 1024-1032	7.9	15
195	Neurophysiological mechanisms of interval timing dissociate inattentive and combined ADHD subtypes. <i>Scientific Reports</i> , 2018 , 8, 2033	4.9	17
194	PLP1 Gene Variation Modulates Leftward and Rightward Functional Hemispheric Asymmetries. <i>Molecular Neurobiology</i> , 2018 , 55, 7691-7700	6.2	6
193	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	5.9	42

192	Tics and Tourette syndrome - surplus of actions rather than disorder?. <i>Movement Disorders</i> , 2018 , 33, 238-242	7	37
191	On the role of the prefrontal cortex in fatigue effects on cognitive flexibility - a system neurophysiological approach. <i>Scientific Reports</i> , 2018 , 8, 6395	4.9	14
190	Neural mechanisms underlying successful and deficient multi-component behavior in early adolescent ADHD. <i>NeuroImage: Clinical</i> , 2018 , 18, 533-542	5.3	11
189	Neurophysiological processes and functional neuroanatomical structures underlying proactive effects of emotional conflicts. <i>NeuroImage</i> , 2018 , 174, 11-21	7.9	11
188	Effects of high-dose ethanol intoxication and hangover on cognitive flexibility. <i>Addiction Biology</i> , 2018 , 23, 503-514	4.6	27
187	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	3.8	6
186	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	5.1	23
185	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	3.8	2
184	Cognitive Control Processes and Functional Cerebral Asymmetries: Association with Variation in the Handedness-Associated Gene LRRTM1. <i>Molecular Neurobiology</i> , 2018 , 55, 2268-2274	6.2	8
183	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	4	26
182	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	4	14
181	Executive Function Deficits in Seriously Ill Children-Emerging Challenges and Possibilities for Clinical Care. <i>Frontiers in Pediatrics</i> , 2018 , 6, 92	3.4	1
180	Dual-Tasking in Multiple Sclerosis - Implications for a Cognitive Screening Instrument. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 24	3.3	9
179	Striatal Microstructure and Its Relevance for Cognitive Control. <i>Trends in Cognitive Sciences</i> , 2018 , 22, 747-751	14	20
178	On the effects of tyrosine supplementation on interference control in a randomized, double-blind placebo-control trial. <i>European Neuropsychopharmacology</i> , 2018 , 28, 933-944	1.2	5
177	Catecholaminergic Modulation of Conflict Control Depends on the Source of Conflicts. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 901-909	5.8	20
176	Neurite architecture of the planum temporale predicts neurophysiological processing of auditory speech. <i>Science Advances</i> , 2018 , 4, eaar6830	14.3	36
175	How socioemotional setting modulates late-stage conflict resolution processes in the lateral prefrontal cortex. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2018 , 18, 521-535	3.5	8

174	Associative plasticity in supplementary motor area - motor cortex pathways in Tourette syndrome. <i>Scientific Reports</i> , 2018 , 8, 11984	4.9	9
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3	Developmental changes in visual line bisection in women throughout adulthood. <i>Developmental Neuropsychology</i> , 2006 , 30, 753-67	1.8	22
2	Error processing in Huntington's disease. <i>PLoS ONE</i> , 2006 , 1, e86	3.7	53
1	Neurophysiological coding of statistical and deterministic rule information		1