

Ann-Kathrin Stock

List of Publications by Citations

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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.

101
papers

1,973
citations

23
h-index

39
g-index

109
ext. papers

2,544
ext. citations

5
avg, IF

5.46
L-index

#	Paper	IF	Citations
101	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. <i>ELife</i> , 2019 , 8,	8.9	234
100	Psychophysiological mechanisms of interindividual differences in goal activation modes during action cascading. <i>Cerebral Cortex</i> , 2014 , 24, 2120-9	5.1	127
99	Transcutaneous vagus nerve stimulation (tVNS) enhances response selection during action cascading processes. <i>European Neuropsychopharmacology</i> , 2015 , 25, 773-8	1.2	78
98	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
97	Effects of Concomitant Stimulation of the GABAergic and Norepinephrine System on Inhibitory Control - A Study Using Transcutaneous Vagus Nerve Stimulation. <i>Brain Stimulation</i> , 2016 , 9, 811-818	5.1	62
96	DRD1 and DRD2 genotypes modulate processing modes of goal activation processes during action cascading. <i>Journal of Neuroscience</i> , 2014 , 34, 5335-41	6.6	55
95	A systems neurophysiology approach to voluntary event coding. <i>NeuroImage</i> , 2016 , 135, 324-32	7.9	52
94	The impact of mental workload on inhibitory control subprocesses. <i>NeuroImage</i> , 2015 , 112, 96-104	7.9	41
93	Interacting sources of interference during sensorimotor integration processes. <i>NeuroImage</i> , 2016 , 125, 342-349	7.9	41
92	Differential effects of motor efference copies and proprioceptive information on response evaluation processes. <i>PLoS ONE</i> , 2013 , 8, e62335	3.7	38
91	On the effects of multimodal information integration in multitasking. <i>Scientific Reports</i> , 2017 , 7, 4927	4.9	37
90	Single-subject prediction of response inhibition behavior by event-related potentials. <i>Journal of Neurophysiology</i> , 2016 , 115, 1252-62	3.2	37
89	Latent <i>Toxoplasma gondii</i> infection leads to improved action control. <i>Brain, Behavior, and Immunity</i> , 2014 , 37, 103-8	16.6	36
88	The system neurophysiological basis of backward inhibition. <i>Brain Structure and Function</i> , 2016 , 221, 4575-4587	4	36
87	Striatal and thalamic GABA level concentrations play differential roles for the modulation of response selection processes by proprioceptive information. <i>NeuroImage</i> , 2015 , 120, 36-42	7.9	33
86	Updating the Definition of the Alcohol Hangover. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	32
85	Effects of binge drinking on action cascading processes: an EEG study. <i>Archives of Toxicology</i> , 2014 , 88, 475-88	5.8	31

84	High-dose alcohol intoxication differentially modulates cognitive subprocesses involved in response inhibition. <i>Addiction Biology</i> , 2016 , 21, 136-45	4.6	30
83	Effects of high-dose ethanol intoxication and hangover on cognitive flexibility. <i>Addiction Biology</i> , 2018 , 23, 503-514	4.6	27
82	Dissociable electrophysiological subprocesses during response inhibition are differentially modulated by dopamine D1 and D2 receptors. <i>European Neuropsychopharmacology</i> , 2016 , 26, 1029-36	1.2	27
81	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
80	The importance of sensory integration processes for action cascading. <i>Scientific Reports</i> , 2015 , 5, 9485	4.9	24
79	Action Video Gaming and Cognitive Control: Playing First Person Shooter Games Is Associated with Improved Action Cascading but Not Inhibition. <i>PLoS ONE</i> , 2015 , 10, e0144364	3.7	24
78	Subliminally and consciously induced cognitive conflicts interact at several processing levels. <i>Cortex</i> , 2016 , 85, 75-89	3.8	23
77	The neurophysiological basis of reward effects on backward inhibition processes. <i>NeuroImage</i> , 2016 , 142, 163-171	7.9	23
76	Effects of l-Tyrosine on working memory and inhibitory control are determined by DRD2 genotypes: A randomized controlled trial. <i>Cortex</i> , 2016 , 82, 217-224	3.8	23
75	Altered perceptual binding in Gilles de la Tourette syndrome. <i>Cortex</i> , 2016 , 83, 160-6	3.8	23
74	The Assessment of Overall Hangover Severity. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	22
73	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
72	Humans with latent toxoplasmosis display altered reward modulation of cognitive control. <i>Scientific Reports</i> , 2017 , 7, 10170	4.9	21
71	γ-Aminobutyric acid (GABA) administration improves action selection processes: a randomised controlled trial. <i>Scientific Reports</i> , 2015 , 5, 12770	4.9	21
70	On the relevance of the alpha frequency oscillation's small-world network architecture for cognitive flexibility. <i>Scientific Reports</i> , 2017 , 7, 13910	4.9	20
69	Catecholaminergic Modulation of Conflict Control Depends on the Source of Conflicts. <i>International Journal of Neuropsychopharmacology</i> , 2018 , 21, 901-909	5.8	20
68	Machine learning provides novel neurophysiological features that predict performance to inhibit automated responses. <i>Scientific Reports</i> , 2018 , 8, 16235	4.9	20
67	The system neurophysiological basis of non-adaptive cognitive control: Inhibition of implicit learning mediated by right prefrontal regions. <i>Human Brain Mapping</i> , 2016 , 37, 4511-4522	5.9	19

66	Advantages and Limitations of Naturalistic Study Designs and their Implementation in Alcohol Hangover Research. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	19
65	Sensitivity to Experiencing Alcohol Hangovers: Reconsideration of the 0.11% Blood Alcohol Concentration (BAC) Threshold for Having a Hangover. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	18
64	Opposite effects of binge drinking on consciously vs. subliminally induced cognitive conflicts. <i>NeuroImage</i> , 2017 , 162, 117-126	7.9	18
63	A novel cognitive-neurophysiological state biomarker in premanifest Huntington's disease validated on longitudinal data. <i>Scientific Reports</i> , 2013 , 3, 1797	4.9	17
62	How minimal variations in neuronal cytoskeletal integrity modulate cognitive control. <i>NeuroImage</i> , 2019 , 185, 129-139	7.9	17
61	Effects of Alcohol Hangover on Cognitive Performance: Findings from a Field/Internet Mixed Methodology Study. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	16
60	Barking up the Wrong Tree: Why and How We May Need to Revise Alcohol Addiction Therapy. <i>Frontiers in Psychology</i> , 2017 , 8, 884	3.4	16
59	Differential effects of ADORA2A gene variations in pre-attentive visual sensory memory subprocesses. <i>European Neuropsychopharmacology</i> , 2012 , 22, 555-61	1.2	16
58	Paradox effects of binge drinking on response inhibition processes depending on mental workload. <i>Archives of Toxicology</i> , 2016 , 90, 1429-36	5.8	15
57	Effects of binge drinking and hangover on response selection sub-processes-a study using EEG and drift diffusion modeling. <i>Addiction Biology</i> , 2017 , 22, 1355-1365	4.6	15
56	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
55	On the relevance of the NPY2-receptor variation for modes of action cascading processes. <i>NeuroImage</i> , 2014 , 102 Pt 2, 558-64	7.9	14
54	Different strategies, but indifferent strategy adaptation during action cascading. <i>Scientific Reports</i> , 2015 , 5, 9992	4.9	14
53	Neurophysiological mechanisms of circadian cognitive control in RLS patients - an EEG source localization study. <i>NeuroImage: Clinical</i> , 2017 , 15, 644-652	5.3	13
52	Lateralization of spatial information processing in response monitoring. <i>Frontiers in Psychology</i> , 2014 , 5, 22	3.4	13
51	Evidence for enhanced multi-component behaviour in Tourette syndrome - an EEG study. <i>Scientific Reports</i> , 2017 , 7, 7722	4.9	12
50	Conscientiousness increases efficiency of multicomponent behavior. <i>Scientific Reports</i> , 2015 , 5, 15731	4.9	12
49	Evidence for a neural dual-process account for adverse effects of cognitive control. <i>Brain Structure and Function</i> , 2018 , 223, 3347-3363	4	11

48	Age-related differences in task goal processing strategies during action cascading. <i>Brain Structure and Function</i> , 2016 , 221, 2767-75	4	10
47	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
46	Complex sensorimotor transformation processes required for response selection are facilitated by the striatum. <i>NeuroImage</i> , 2015 , 123, 33-41	7.9	10
45	NPY2-receptor variation modulates iconic memory processes. <i>European Neuropsychopharmacology</i> , 2014 , 24, 1298-302	1.2	10
44	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
43	Evidence for divergent effects of neurodegeneration in Huntington's disease on attentional selection and neural plasticity: implications for excitotoxicity. <i>Brain Structure and Function</i> , 2015 , 220, 1437-47	4	9
42	Relationship between Alcohol Hangover and Physical Endurance Performance: Walking the Samaria Gorge. <i>Journal of Clinical Medicine</i> , 2019 , 9,	5.1	9
41	Apolipoprotein E is associated with better cognitive control allocation in healthy young adults. <i>NeuroImage</i> , 2019 , 185, 274-285	7.9	9
40	Sensory processes modulate differences in multi-component behavior and cognitive control between childhood and adulthood. <i>Human Brain Mapping</i> , 2017 , 38, 4933-4945	5.9	8
39	Blocking effects in non-conditioned goal-directed behaviour. <i>Brain Structure and Function</i> , 2017 , 222, 2807-2818	4	8
38	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
37	How high-dose alcohol intoxication affects the interplay of automatic and controlled processes. <i>Addiction Biology</i> , 2020 , 25, e12700	4.6	8
36	RLS patients show better nocturnal performance in the Simon task due to diminished visuo-motor priming. <i>Clinical Neurophysiology</i> , 2018 , 129, 112-121	4.3	8
35	Alcohol Hangover Increases Conflict Load via Faster Processing of Subliminal Information. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 316	3.3	8
34	Self-Regulatory Capacities Are Depleted in a Domain-Specific Manner. <i>Frontiers in Systems Neuroscience</i> , 2017 , 11, 70	3.5	7
33	Alcohol Hangover Slightly Impairs Response Selection but not Response Inhibition. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	6
32	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
31	The Impact of Mood and Subjective Intoxication on Hangover Severity. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	6

30	Reversal of alcohol-induced effects on response control due to changes in proprioceptive information processing. <i>Addiction Biology</i> , 2017 , 22, 246-256	4.6	5
29	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
28	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
27	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
26	Thalamic GABA may modulate cognitive control in restless legs syndrome. <i>Neuroscience Letters</i> , 2019 , 712, 134494	3.3	5
25	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
24	Effects of Rapid Recovery on Alcohol Hangover Severity: A Double-Blind, Placebo-Controlled, Randomized, Balanced Crossover Trial. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	5
23	Dopamine D1, but not D2, signaling protects mental representations from distracting bottom-up influences. <i>NeuroImage</i> , 2020 , 204, 116243	7.9	5
22	CHRM2 Genotype Affects Inhibitory Control Mechanisms During Cognitive Flexibility. <i>Molecular Neurobiology</i> , 2019 , 56, 6134-6141	6.2	4
21	Effects of copper toxicity on response inhibition processes: a study in Wilson's disease. <i>Archives of Toxicology</i> , 2016 , 90, 1623-30	5.8	4
20	Acute alcohol intoxication modulates the temporal dynamics of resting electroencephalography networks. <i>Addiction Biology</i> , 2021 , 26, e13034	4.6	4
19	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
18	Automatic aspects of response selection remain unchanged during high-dose alcohol intoxication. <i>Addiction Biology</i> , 2021 , 26, e12852	4.6	4
17	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
16	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
15	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
14	On the Neurophysiological Mechanisms Underlying the Adaptability to Varying Cognitive Control Demands. <i>Frontiers in Human Neuroscience</i> , 2018 , 12, 411	3.3	3
13	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

12	Alcohol Hangover Differentially Modulates the Processing of Relevant and Irrelevant Information. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
11	Prevalence of Hangover Resistance According to Two Methods for Calculating Estimated Blood Alcohol Concentration (eBAC). <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	2
10	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
9	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
8	Methamphetamine Users Show No Behavioral Deficits in Response Selection After Protracted Abstinence. <i>Frontiers in Psychiatry</i> , 2019 , 10, 823	5	1
7	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 ^o		
6	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	o
5	Alcohol intoxication, but not hangover, differentially impairs learning and automatization of complex motor response sequences. <i>Scientific Reports</i> , 2021 , 11, 12539	4.9	o
4	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	o
3	An Oppositional Tolerance Account for Potential Cognitive Deficits Caused by the Discontinuation of Antidepressant Drugs. <i>Pharmacopsychiatry</i> , 2021 , 54, 252-260	2	
2	Cognitive profile in Restless Legs Syndrome: A signal-to-noise ratio account. <i>Current Research in Neurobiology</i> , 2021 , 2, 100021	o	
1	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	