

# Ann-Kathrin Stock

## List of Publications by Year in descending order

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Version: 2024-02-01

103  
papers

2,937  
citations

201385

27  
h-index

214527

47  
g-index

109  
all docs

109  
docs citations

109  
times ranked

2530  
citing authors

#	ARTICLE	IF	CITATIONS
1	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. <i>ELife</i> , 2019, 8, .	2.8	479
2	Psychophysiological Mechanisms of Interindividual Differences in Goal Activation Modes During Action Cascading. <i>Cerebral Cortex</i> , 2014, 24, 2120-2129.	1.6	135
3	Addiction Research Consortium: Losing and regaining control over drug intake (ReCoDe)â€”From trajectories to mechanisms and interventions. <i>Addiction Biology</i> , 2020, 25, e12866.	1.4	135
4	Effects of Concomitant Stimulation of the GABAergic and Norepinephrine System on Inhibitory Control â€” A Study Using Transcutaneous Vagus Nerve Stimulation. <i>Brain Stimulation</i> , 2016, 9, 811-818.	0.7	92
5	A systems neurophysiology approach to voluntary event coding. <i>NeuroImage</i> , 2016, 135, 324-332.	2.1	64
6	<i>DRD1</i> and <i>DRD2</i> Genotypes Modulate Processing Modes of Goal Activation Processes during Action Cascading. <i>Journal of Neuroscience</i> , 2014, 34, 5335-5341.	1.7	61
7	Interacting sources of interference during sensorimotor integration processes. <i>NeuroImage</i> , 2016, 125, 342-349.	2.1	61
8	Updating the Definition of the Alcohol Hangover. <i>Journal of Clinical Medicine</i> , 2020, 9, 823.	1.0	58
9	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
10	Latent <i>Toxoplasma gondii</i> infection leads to improved action control. <i>Brain, Behavior, and Immunity</i> , 2014, 37, 103-108.	2.0	49
11	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
12	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.	1.1	46
13	On the effects of multimodal information integration in multitasking. <i>Scientific Reports</i> , 2017, 7, 4927.	1.6	46
14	The impact of mental workload on inhibitory control subprocesses. <i>NeuroImage</i> , 2015, 112, 96-104.	2.1	45
15	The Assessment of Overall Hangover Severity. <i>Journal of Clinical Medicine</i> , 2020, 9, 786.	1.0	45
16	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.	2.1	44
17	Single-subject prediction of response inhibition behavior by event-related potentials. <i>Journal of Neurophysiology</i> , 2016, 115, 1252-1262.	0.9	43
18	Differential Effects of Motor Efference Copies and Proprioceptive Information on Response Evaluation Processes. <i>PLoS ONE</i> , 2013, 8, e62335.	1.1	42

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19	The system neurophysiological basis of backward inhibition. <i>Brain Structure and Function</i> , 2016, 221, 4575-4587.	1.2	42
20	Dissociable electrophysiological subprocesses during response inhibition are differentially modulated by dopamine D1 and D2 receptors. <i>European Neuropsychopharmacology</i> , 2016, 26, 1029-1036.	0.3	36
21	Advantages and Limitations of Naturalistic Study Designs and Their Implementation in Alcohol Hangover Research. <i>Journal of Clinical Medicine</i> , 2019, 8, 2160.	1.0	35
22	High-dose alcohol intoxication differentially modulates cognitive subprocesses involved in response inhibition. <i>Addiction Biology</i> , 2016, 21, 136-145.	1.4	34
23	Effects of binge drinking on action cascading processes: an EEG study. <i>Archives of Toxicology</i> , 2014, 88, 475-488.	1.9	33
24	Subliminally and consciously induced cognitive conflicts interact at several processing levels. <i>Cortex</i> , 2016, 85, 75-89.	1.1	31
25	Catecholaminergic Modulation of Conflict Control Depends on the Source of Conflicts. <i>International Journal of Neuropsychopharmacology</i> , 2018, 21, 901-909.	1.0	31
26	Humans with latent toxoplasmosis display altered reward modulation of cognitive control. <i>Scientific Reports</i> , 2017, 7, 10170.	1.6	30
27	Effects of high-dose ethanol intoxication and hangover on cognitive flexibility. <i>Addiction Biology</i> , 2018, 23, 503-514.	1.4	30
28	The neurophysiological basis of reward effects on backward inhibition processes. <i>NeuroImage</i> , 2016, 142, 163-171.	2.1	29
29	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.	1.9	27
30	Altered perceptual binding in Gilles de la Tourette syndrome. <i>Cortex</i> , 2016, 83, 160-166.	1.1	27
31	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.	1.1	27
32	On the relevance of the alpha frequency oscillation's small-world network architecture for cognitive flexibility. <i>Scientific Reports</i> , 2017, 7, 13910.	1.6	27
33	Machine learning provides novel neurophysiological features that predict performance to inhibit automated responses. <i>Scientific Reports</i> , 2018, 8, 16235.	1.6	27
34	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, 179.	1.0	27
35	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
36	The importance of sensory integration processes for action cascading. <i>Scientific Reports</i> , 2015, 5, 9485.	1.6	25

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37	How minimal variations in neuronal cytoskeletal integrity modulate cognitive control. <i>NeuroImage</i> , 2019, 185, 129-139.	2.1	25
38	Opposite effects of binge drinking on consciously vs. subliminally induced cognitive conflicts. <i>NeuroImage</i> , 2017, 162, 117-126.	2.1	24
39	Barking up the Wrong Tree: Why and How We May Need to Revise Alcohol Addiction Therapy. <i>Frontiers in Psychology</i> , 2017, 8, 884.	1.1	24
40	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
41	Effects of Alcohol Hangover on Cognitive Performance: Findings from a Field/Internet Mixed Methodology Study. <i>Journal of Clinical Medicine</i> , 2019, 8, 440.	1.0	23
42	Paradox effects of binge drinking on response inhibition processes depending on mental workload. <i>Archives of Toxicology</i> , 2016, 90, 1429-1436.	1.9	20
43	Neurophysiological mechanisms of circadian cognitive control in RLS patients - an EEG source localization study. <i>NeuroImage: Clinical</i> , 2017, 15, 644-652.	1.4	20
44	A novel cognitive-neurophysiological state biomarker in premanifest Huntington's disease validated on longitudinal data. <i>Scientific Reports</i> , 2013, 3, 1797.	1.6	19
45	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.	1.4	19
46	Evidence for enhanced multi-component behaviour in Tourette syndrome " an EEG study. <i>Scientific Reports</i> , 2017, 7, 7722.	1.6	19
47	The Impact of Mood and Subjective Intoxication on Hangover Severity. <i>Journal of Clinical Medicine</i> , 2020, 9, 2462.	1.0	19
48	Differential effects of ADORA2A gene variations in pre-attentive visual sensory memory subprocesses. <i>European Neuropsychopharmacology</i> , 2012, 22, 555-561.	0.3	17
49	How high-dose alcohol intoxication affects the interplay of automatic and controlled processes. <i>Addiction Biology</i> , 2020, 25, e12700.	1.4	17
50	Relationship between Alcohol Hangover and Physical Endurance Performance: Walking the Samaria Gorge. <i>Journal of Clinical Medicine</i> , 2020, 9, 114.	1.0	17
51	Different strategies, but indifferent strategy adaptation during action cascading. <i>Scientific Reports</i> , 2015, 5, 9992.	1.6	16
52	Conscientiousness increases efficiency of multicomponent behavior. <i>Scientific Reports</i> , 2015, 5, 15731.	1.6	16
53	Lateralization of spatial information processing in response monitoring. <i>Frontiers in Psychology</i> , 2014, 5, 22.	1.1	15
54	On the relevance of the NPY2-receptor variation for modes of action cascading processes. <i>NeuroImage</i> , 2014, 102, 558-564.	2.1	15

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55	Evidence for a neural dual-process account for adverse effects of cognitive control. <i>Brain Structure and Function</i> , 2018, 223, 3347-3363.	1.2	15
56	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
57	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
58	Alcohol Hangover Slightly Impairs Response Selection but not Response Inhibition. <i>Journal of Clinical Medicine</i> , 2019, 8, 1317.	1.0	12
59	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
60	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
61	Apolipoprotein $\mu$ 4 is associated with better cognitive control allocation in healthy young adults. <i>NeuroImage</i> , 2019, 185, 274-285.	2.1	12
62	Acute alcohol intoxication modulates the temporal dynamics of resting electroencephalography networks. <i>Addiction Biology</i> , 2021, 26, e13034.	1.4	12
63	NPY2-receptor variation modulates iconic memory processes. <i>European Neuropsychopharmacology</i> , 2014, 24, 1298-1302.	0.3	11
64	Age-related differences in task goal processing strategies during action cascading. <i>Brain Structure and Function</i> , 2016, 221, 2767-2775.	1.2	11
65	Complex sensorimotor transformation processes required for response selection are facilitated by the striatum. <i>NeuroImage</i> , 2015, 123, 33-41.	2.1	10
66	Blocking effects in non-conditioned goal-directed behaviour. <i>Brain Structure and Function</i> , 2017, 222, 2807-2818.	1.2	10
67	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
68	Binge drinking and the differential influence of ethanol on cognitive control subprocesses: a novel field of neurotoxicology. <i>Archives of Toxicology</i> , 2014, 88, 9-10.	1.9	9
69	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, 1437-1447.	1.2	9
70	Sensory processes modulate differences in multi-component behavior and cognitive control between childhood and adulthood. <i>Human Brain Mapping</i> , 2017, 38, 4933-4945.	1.9	9
71	Self-Regulatory Capacities Are Depleted in a Domain-Specific Manner. <i>Frontiers in Systems Neuroscience</i> , 2017, 11, 70.	1.2	9
72	RLS patients show better nocturnal performance in the Simon task due to diminished visuo-motor priming. <i>Clinical Neurophysiology</i> , 2018, 129, 112-121.	0.7	9

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73	Alcohol Hangover Increases Conflict Load via Faster Processing of Subliminal Information. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 316.	1.0	9
74	Dopamine D1, but not D2, signaling protects mental representations from distracting bottom-up influences. <i>NeuroImage</i> , 2020, 204, 116243.	2.1	9
75	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
76	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
77	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.	0.3	8
78	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.	1.0	8
79	Thalamic GABA may modulate cognitive control in restless legs syndrome. <i>Neuroscience Letters</i> , 2019, 712, 134494.	1.0	8
80	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, 2175.	1.0	7
81	Prevalence of Hangover Resistance According to Two Methods for Calculating Estimated Blood Alcohol Concentration (eBAC). <i>Journal of Clinical Medicine</i> , 2020, 9, 2823.	1.0	7
82	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
83	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
84	CHRM2 Genotype Affects Inhibitory Control Mechanisms During Cognitive Flexibility. <i>Molecular Neurobiology</i> , 2019, 56, 6134-6141.	1.9	6
85	Reversal of alcohol-induced effects on response control due to changes in proprioceptive information processing. <i>Addiction Biology</i> , 2017, 22, 246-256.	1.4	5
86	On the Neurophysiological Mechanisms Underlying the Adaptability to Varying Cognitive Control Demands. <i>Frontiers in Human Neuroscience</i> , 2018, 12, 411.	1.0	5
87	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
88	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
89	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
90	Associations between Mental Resilience, Mood, Coping, Personality, and Hangover Severity. <i>Journal of Clinical Medicine</i> , 2022, 11, 2240.	1.0	5

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91	Effects of copper toxicity on response inhibition processes: a study in Wilson's disease. Archives of Toxicology, 2016, 90, 1623-1630.	1.9	4
92	Methamphetamine Users Show No Behavioral Deficits in Response Selection After Protracted Abstinence. Frontiers in Psychiatry, 2019, 10, 823.	1.3	4
93	The Alcohol Hangover Research Group: Ten Years of Progress in Research on the Causes, Consequences, and Treatment of the Alcohol Hangover. Journal of Clinical Medicine, 2020, 9, 3670.	1.0	4
94	Alcohol Hangover Differentially Modulates the Processing of Relevant and Irrelevant Information. Journal of Clinical Medicine, 2020, 9, 778.	1.0	4
95	Automatic aspects of response selection remain unchanged during high-dose alcohol intoxication. Addiction Biology, 2021, 26, e12852.	1.4	4
96	Anodal tDCS modulates specific processing codes during conflict monitoring associated with superior and middle frontal cortices. Brain Structure and Function, 2021, 226, 1335-1351.	1.2	4
97	On the necessity of translational cognitive-neurotoxicological research in methamphetamine abuse and addiction. Archives of Toxicology, 2017, 91, 2707-2709.	1.9	2
98	Young frequent binge drinkers show no behavioral deficits in inhibitory control and cognitive flexibility. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 93, 93-101.	2.5	2
99	Alcohol Hangover Does Not Alter the Application of Model-Based and Model-Free Learning Strategies. Journal of Clinical Medicine, 2020, 9, 1453.	1.0	2
100	Alcohol intoxication, but not hangover, differentially impairs learning and automatization of complex motor response sequences. Scientific Reports, 2021, 11, 12539.	1.6	2
101	Cognitive profile in Restless Legs Syndrome: A signal-to-noise ratio account. Current Research in Neurobiology, 2021, 2, 100021.	1.1	1
102	An Oppositional Tolerance Account for Potential Cognitive Deficits Caused by the Discontinuation of Antidepressant Drugs. Pharmacopsychiatry, 2021, 54, 252-260.	1.7	0
103	How low working memory demands and reduced anticipatory attentional gating contribute to impaired inhibition during acute alcohol intoxication. Scientific Reports, 2022, 12, 2892.	1.6	0