Frederick Verbruggen

List of Publications by Year
in descending order

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108	9,744	57631 44	39575 94
papers	citations	h-index	g-index

121	121	121	6649
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Resource predictability drives interannual variation in migratory behavior in a long-lived bird. Behavioral Ecology, 2022, 33, 263-270.	1.0	6
2	Reward does not modulate corticospinal excitability in anticipation of a Stroop trial. European Journal of Neuroscience, 2021, 53, 1019-1028.	1.2	4
3	Intraspecific variation in inhibitory motor control in guppies, <scp>Poecilia reticulata</scp>. Journal of Fish Biology, 2021, 98, 317-328.	0.7	7
4	Behavioral Reluctance in Adopting Open Access Publishing: Insights From a Goal-Directed Perspective. Frontiers in Psychology, 2021, 12, 649915.	1.1	5
5	Contextâ€dependent specialisation drives temporal dynamics in intraâ€and interâ€individual variation in foraging behaviour within a generalist bird population. Oikos, 2021, 130, 1272-1283.	1.2	9
6	Exploring Strategies to Optimise the Impact of Food-Specific Inhibition Training on Childrenâ€™s Food Choices. Frontiers in Psychology, 2021, 12, 653610.	1.1	11
7	A multi-country test of brief reappraisal interventions on emotions during the COVID-19 pandemic. Nature Human Behaviour, 2021, 5, 1089-1110.	6.2	71
8	Benefits and costs of self-paced preparation of novel task instructions. Royal Society Open Science, 2021, 8, 210762.	1.1	0
9	Learning in the absence of overt practice: a novel (previously unseen) stimulus can trigger retrieval of an unpracticed response. Psychological Research, 2020, 84, 1065-1083.	1.0	3
10	A direct and conceptual replication of post-loss speeding when gambling. Royal Society Open Science, 2020, 7, 200090.	1.1	15
11	Cortical and subcortical functional specificity associated with response inhibition. NeuroImage, 2020, 220, 117110.	2.1	17
12	Nonâ€problematic and problematic bingeâ€watchers do not differ on prepotent response inhibition: A preregistered pilot experimental study. Human Behavior and Emerging Technologies, 2020, 2, 259-268.	2.5	9
13	Does alcohol cue inhibitory control training survive a context shift?. Psychology of Addictive Behaviors, 2020, 34, 783-792.	1.4	5
14	Clarifying the Role of Negative Emotions in the Origin and Control of Impulsive Actions. Psychologica Belgica, 2020, 60, 1-17.	1.0	16
15	Response Inhibition. , 2020, , 4452-4454.		0
16	Are post-error adjustments influenced by beliefs in free will? A failure to replicate Rigoni, Wilquin, Brass and Burle, 2013. Royal Society Open Science, 2020, 7, 200664.	1.1	7
17	Reward anticipation changes corticospinal excitability during task preparation depending on response requirements and time pressure. Cortex, 2019, 120, 159-168.	1.1	9
18	Prefrontal brain stimulation during food-related inhibition training: effects on food craving, food consumption and inhibitory control. Royal Society Open Science, 2019, 6, 181186.	1.1	24

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19	Mackintosh lectureâ€": Association and cognition: Two processes, one system. Quarterly Journal of Experimental Psychology, 2019, 72, 98-117.	0.6	13
20	Attachment and self-regulation performance in preadolescence. Journal of Social and Personal Relationships, 2019, 36, 706-716.	1.4	6
21	How Does the (Re)Presentation of Instructions Influence Their Implementation?. Journal of Cognition, 2019, 2, 10.	1.0	8
22	A consensus guide to capturing the ability to inhibit actions and impulsive behaviors in the stop-signal task. ELife, 2019, 8, .	2.8	479
23	On the Assimilation of Instructions: Stimulus-response Associations are Implemented but not Stimulus-task Associations. Journal of Cognition, 2019, 2, 20.	1.0	2
24	Instructed and Acquired Contingencies in Response-Inhibition Tasks. Journal of Cognition, 2019, 2, 4.	1.0	2
25	Does Learning Influence the Detection of Signals in a Response-Inhibition Task?. Journal of Cognition, 2019, 2, 19.	1.0	1
26	Evidence for parallel activation of the pre-supplementary motor area and inferior frontal cortex during response inhibition: a combined MEG and TMS study. Royal Society Open Science, 2018, 5, 171369.	1.1	34
27	Effects of reward and punishment on the interaction between going and stopping in a selective stop-change task. Psychological Research, 2018, 82, 353-370.	1.0	8
28	Transfer of learned category-response associations is modulated by instruction. Acta Psychologica, 2018, 184, 144-167.	0.7	9
29	Structure and Implementation of Novel Task Rules: A Cross-Sectional Developmental Study. Psychological Science, 2018, 29, 1113-1125.	1.8	10
30	A novel continuous inhibitory-control task: variation in individual performance by young pheasants (Phasianus colchicus). Animal Cognition, 2017, 20, 1035-1047.	0.9	25
31	Training response inhibition to reduce food consumption: Mechanisms, stimulus specificity and appropriate training protocols. Appetite, 2017, 109, 11-23.	1.8	79
32	How to withhold or replace a prepotent response: An analysis of the underlying control processes and their temporal dynamics. Biological Psychology, 2017, 123, 250-268.	1.1	9
33	Development of between-trial response strategy adjustments in a continuous action control task: A cross-sectional study. Journal of Experimental Child Psychology, 2017, 162, 39-57.	0.7	7
34	Winning and losing: Effects on impulsive action.. Journal of Experimental Psychology: Human Perception and Performance, 2017, 43, 147-168.	0.7	39
35	Response Inhibition. , 2017, , 1-3.		1
36	Executive Control of Actions Across Time and Space. Current Directions in Psychological Science, 2016, 25, 399-404.	2.8	13

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37	The role of age, working memory, and response inhibition in deviance distraction: A cross-sectional study.. Developmental Psychology, 2016, 52, 1381-1393.	1.2	22
38	On the automaticity of response inhibition in individuals with alcoholism. Journal of Behavior Therapy and Experimental Psychiatry, 2016, 51, 84-91.	0.6	9
39	Limits of Executive Control. Psychological Science, 2016, 27, 748-757.	1.8	15
40	Proactive inhibitory control: A general biasing account. Cognitive Psychology, 2016, 86, 27-61.	0.9	75
41	Associatively mediated stopping: Training stimulus-specific inhibitory control. Learning and Behavior, 2016, 44, 162-174.	0.5	19
42	Switching off perceptual learning: Anodal transcranial direct current stimulation (tDCS) at Fp3 eliminates perceptual learning in humans.. Journal of Experimental Psychology Animal Learning and Cognition, 2016, 42, 290-296.	0.3	8
43	Should I stop or should I go? The role of associations and expectancies.. Journal of Experimental Psychology: Human Perception and Performance, 2016, 42, 115-137.	0.7	35
44	How does response inhibition influence decision making when gambling?. Journal of Experimental Psychology: Applied, 2015, 21, 15-36.	0.9	36
45	Reorienting the mind: The impact of novel sounds on go/no-go performance.. Journal of Experimental Psychology: Human Perception and Performance, 2015, 41, 1197-1202.	0.7	14
46	Evidence for capacity sharing when stopping. Cognition, 2015, 142, 81-95.	1.1	57
47	Stopping to food can reduce intake. Effects of stimulus-specificity and individual differences in dietary restraint. Appetite, 2015, 85, 91-103.	1.8	171
48	Training response inhibition to food is associated with weight loss and reduced energy intake. Appetite, 2015, 95, 17-28.	1.8	205
49	On the ability to inhibit thought and action: General and special theories of an act of control.. Psychological Review, 2014, 121, 66-95.	2.7	727
50	Proactive and reactive stopping when distracted: An attentional account.. Journal of Experimental Psychology: Human Perception and Performance, 2014, 40, 1295-1300.	0.7	98
51	The inhibitory control reflex. Neuropsychologia, 2014, 65, 263-278.	0.7	116
52	Why decision making may not require awareness. Behavioral and Brain Sciences, 2014, 37, 35-36.	0.4	0
53	Banishing the Control Homunculi in Studies of Action Control and Behavior Change. Perspectives on Psychological Science, 2014, 9, 497-524.	5.2	168
54	Critical Time Course of Right Frontoparietal Involvement in Mental Number Space. Journal of Cognitive Neuroscience, 2013, 25, 465-483.	1.1	17

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55	Separating intentional inhibition of prepotent responses and resistance to proactive interference in alcohol-dependent individuals. Drug and Alcohol Dependence, 2013, 128, 200-205.	1.6	39
56	Comparative incidence rates of mild adverse effects to transcranial magnetic stimulation. Clinical Neurophysiology, 2013, 124, 536-544.	0.7	47
57	Fictitious Inhibitory Differences. Psychological Science, 2013, 24, 352-362.	1.8	329
58	Biophysical determinants of transcranial magnetic stimulation: effects of excitability and depth of targeted area. Journal of Neurophysiology, 2013, 109, 437-444.	0.9	72
59	Are the Effects of Response Inhibition on Gambling Long-Lasting?. PLoS ONE, 2013, 8, e70155.	1.1	29
60	Transcranial Magnetic Stimulation Reveals Dissociable Mechanisms for Global Versus Selective Corticomotor Suppression Underlying the Stopping of Action. Cerebral Cortex, 2012, 22, 363-371.	1.6	102
61	Response Suppression by Automatic Retrieval of Stimulusâ€“Stop Association: Evidence from Transcranial Magnetic Stimulation. Journal of Cognitive Neuroscience, 2012, 24, 1908-1918.	1.1	32
62	The role of the right presupplementary motor area in stopping action: two studies with event-related transcranial magnetic stimulation. Journal of Neurophysiology, 2012, 108, 380-389.	0.9	92
63	Proactive Motor Control Reduces Monetary Risk Taking in Gambling. Psychological Science, 2012, 23, 805-815.	1.8	88
64	How Preparation Changes the Need for Top-Down Control of the Basal Ganglia When Inhibiting Premature Actions. Journal of Neuroscience, 2012, 32, 10870-10878.	1.7	121
65	Repetition priming in the stop signal task: The electrophysiology of sequential effects of stopping. Neuropsychologia, 2012, 50, 2860-2868.	0.7	7
66	A chain-retrieval model for voluntary task switching. Cognitive Psychology, 2012, 65, 241-283.	0.9	35
67	Stimulating deep cortical structures with the batwing coil: How to determine the intensity for transcranial magnetic stimulation using coilâ€“cortex distance. Journal of Neuroscience Methods, 2012, 204, 238-241.	1.3	24
68	Impulsive Action but Not Impulsive Choice Determines Problem Gambling Severity. PLoS ONE, 2012, 7, e50647.	1.1	86
69	Inhibition-related Activation in the Right Inferior Frontal Gyrus in the Absence of Inhibitory Cues. Journal of Cognitive Neuroscience, 2011, 23, 3388-3399.	1.1	95
70	Valence, Arousal, and Cognitive Control: A Voluntary Task-Switching Study. Frontiers in Psychology, 2011, 2, 336.	1.1	38
71	Enhancement of perceptual representations by endogenous attention biases competition in response selection. Attention, Perception, and Psychophysics, 2011, 73, 2514-2527.	0.7	7
72	Control of interference during working memory updating.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 137-151.	0.7	92

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73	Task switching: Interplay of reconfiguration and interference control.. Psychological Bulletin, 2010, 136, 601-626.	5.5	568
74	Voluntary task switching under load: Contribution of top-down and bottom-up factors in goal-directed behavior. Psychonomic Bulletin and Review, 2010, 17, 387-393.	1.4	52
75	Having a goal to stop action is associated with advance control of specific motor representations. Neuropsychologia, 2010, 48, 541-548.	0.7	72
76	Responding with Restraint: What Are the Neurocognitive Mechanisms?. Journal of Cognitive Neuroscience, 2010, 22, 1479-1492.	1.1	189
77	Intact associative learning in patients with schizophrenia: Evidence from a Go/NoGo paradigm. Schizophrenia Research, 2010, 122, 131-135.	1.1	6
78	Theta burst stimulation dissociates attention and action updating in human inferior frontal cortex. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 13966-13971.	3.3	273
79	Increasing the difficulty of response selection does not increase the switch cost.. Canadian Journal of Experimental Psychology, 2009, 63, 323-327.	0.7	5
80	Investigating the role of conflict resolution in memory updating by means of the one-back choice RT task. Psychological Research, 2009, 73, 390-406.	1.0	15
81	Models of response inhibition in the stop-signal and stop-change paradigms. Neuroscience and Biobehavioral Reviews, 2009, 33, 647-661.	2.9	615
82	Automaticity of cognitive control: Goal priming in response-inhibition paradigms.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 1381-1388.	0.7	70
83	Proactive adjustments of response strategies in the stop-signal paradigm.. Journal of Experimental Psychology: Human Perception and Performance, 2009, 35, 835-854.	0.7	296
84	STOP-IT: Windows executable software for the stop-signal paradigm. Behavior Research Methods, 2008, 40, 479-483.	2.3	360
85	Stimulus ambiguity elicits response conflict. Neuroscience Letters, 2008, 435, 158-162.	1.0	19
86	Response inhibition in the stop-signal paradigm. Trends in Cognitive Sciences, 2008, 12, 418-424.	4.0	1,033
87	After-effects of goal shifting and response inhibition: A comparison of the stop-change and dual-task paradigms. Quarterly Journal of Experimental Psychology, 2008, 61, 1151-1159.	0.6	20
88	Stop the Presses. Psychological Science, 2008, 19, 1146-1153.	1.8	151
89	Short Article: Inhibition of irrelevant categoryâ€"response mappings. Quarterly Journal of Experimental Psychology, 2008, 61, 1629-1640.	0.6	24
90	Short-term aftereffects of response inhibition: Repetition priming or between-trial control adjustments?. Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 413-426.	0.7	81

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91	How to stop and change a response: The role of goal activation in multitasking.. Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 1212-1228.	0.7	98
92	Automatic and controlled response inhibition: Associative learning in the go/no-go and stop-signal paradigms.. Journal of Experimental Psychology: General, 2008, 137, 649-672.	1.5	459
93	Long-term aftereffects of response inhibition: Memory retrieval, task goals, and cognitive control.. Journal of Experimental Psychology: Human Perception and Performance, 2008, 34, 1229-1235.	0.7	68
94	Task switching and across-trial distance priming are independent. European Journal of Cognitive Psychology, 2007, 19, 1-16.	1.3	4
95	Short cue presentations encourage advance task preparation: A recipe to diminish the residual switch cost.. Journal of Experimental Psychology: Learning Memory and Cognition, 2007, 33, 342-356.	0.7	54
96	Do emotional stimuli interfere with response inhibition? Evidence from the stop signal paradigm. Cognition and Emotion, 2007, 21, 391-403.	1.2	241
97	Tscope: A C library for programming cognitive experiments on the MS Windows platform. Behavior Research Methods, 2006, 38, 280-286.	2.3	176
98	Top-down and bottom-up sequential modulations of congruency effects. Psychonomic Bulletin and Review, 2006, 13, 112-117.	1.4	140
99	Stimulus- and response-conflict-induced cognitive control in the flanker task. Psychonomic Bulletin and Review, 2006, 13, 328-333.	1.4	107
100	The effect of interference in the early processing stages on response inhibition in the stop signal task. Quarterly Journal of Experimental Psychology, 2006, 59, 190-203.	0.6	38
101	Selective Stopping in Task Switching. Experimental Psychology, 2006, 53, 48-57.	0.3	36
102	Effects of stimulusâ€“stimulus compatibility and stimulusâ€“response compatibility on response inhibition. Acta Psychologica, 2005, 120, 307-326.	0.7	76
103	On the difference between response inhibition and negative priming: Evidence from simple and selective stopping. Psychological Research, 2005, 69, 262-271.	1.0	18
104	A sequential analysis of relevant and irrelevant information in the Stroop task. European Journal of Cognitive Psychology, 2005, 17, 642-658.	1.3	10
105	The phonological loop in task alternation and task repetition. Memory, 2005, 13, 550-560.	0.9	26
106	Inhibiting Responses When Switching. Experimental Psychology, 2005, 52, 125-130.	0.3	48
107	The interaction between stop signal inhibition and distractor interference in the flanker and Stroop task. Acta Psychologica, 2004, 116, 21-37.	0.7	121
108	Post-error Slowing Reflects the Joint Impact of Adaptive and Maladaptive Processes During Decision Making. Frontiers in Human Neuroscience, 0, 16, .	1.0	2