

# Henk van Steenbergen

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8099229/publications.pdf>

Version: 2024-02-01

58  
papers

2,573  
citations

279798

23  
h-index

206112

48  
g-index

65  
all docs

65  
docs citations

65  
times ranked

3096  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pupil dilation as an index of effort in cognitive control tasks: A review. <i>Psychonomic Bulletin and Review</i> , 2018, 25, 2005-2015.	2.8	451
2	Reward Counteracts Conflict Adaptation. <i>Psychological Science</i> , 2009, 20, 1473-1477.	3.3	189
3	In the Mood for Adaptation. <i>Psychological Science</i> , 2010, 21, 1629-1634.	3.3	177
4	Neural mechanisms underlying the induction and relief of perceptual curiosity. <i>Frontiers in Behavioral Neuroscience</i> , 2012, 6, 5.	2.0	159
5	QRTengine: An easy solution for running online reaction time experiments using Qualtrics. <i>Behavior Research Methods</i> , 2015, 47, 918-929.	4.0	105
6	The neuromodulatory and hormonal effects of transcutaneous vagus nerve stimulation as evidenced by salivary alpha amylase, salivary cortisol, pupil diameter, and the P3 event-related potential. <i>Brain Stimulation</i> , 2019, 12, 635-642.	1.6	99
7	Pupil dilation in the Simon task as a marker of conflict processing. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 215.	2.0	92
8	Functional significance of the emotion-related late positive potential. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 33.	2.0	91
9	Threat But Not Arousal Narrows Attention: Evidence from Pupil Dilation and Saccade Control. <i>Frontiers in Psychology</i> , 2011, 2, 281.	2.1	86
10	Action-effect negativity: Irrelevant action effects are monitored like relevant feedback. <i>Biological Psychology</i> , 2009, 82, 211-218.	2.2	79
11	Voxel-based morphometry multi-center mega-analysis of brain structure in social anxiety disorder. <i>NeuroImage: Clinical</i> , 2017, 16, 678-688.	2.7	68
12	Reward valence modulates conflict-driven attentional adaptation: Electrophysiological evidence. <i>Biological Psychology</i> , 2012, 90, 234-241.	2.2	67
13	The role of the opioid system in decision making and cognitive control: A review. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 435-458.	2.0	67
14	A closer look at cognitive control: differences in resource allocation during updating, inhibition and switching as revealed by pupillometry. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 494.	2.0	64
15	Happy but still focused: failures to find evidence for a mood-induced widening of visual attention. <i>Psychological Research</i> , 2013, 77, 320-332.	1.7	54
16	Dissociable corticostriatal circuits underlie goal-directed vs. cue-elicited habitual food seeking after satiation: evidence from a multimodal <sup>fMRI</sup> study. <i>European Journal of Neuroscience</i> , 2017, 46, 1815-1827.	2.6	51
17	Cannabis and creativity: highly potent cannabis impairs divergent thinking in regular cannabis users. <i>Psychopharmacology</i> , 2015, 232, 1123-1134.	3.1	41
18	Altered neural processing of emotional faces in remitted Cushing's disease. <i>Psychoneuroendocrinology</i> , 2015, 59, 134-146.	2.7	40

#	ARTICLE	IF	CITATIONS
19	Subcortical brain volumes, cortical thickness and cortical surface area in families genetically enriched for social anxiety disorder – A multiplex multigenerational neuroimaging study. EBioMedicine, 2018, 36, 410-428.	6.1	39
20	Affective regulation of cognitive-control adjustments in remitted depressive patients after acute tryptophan depletion. Cognitive, Affective and Behavioral Neuroscience, 2012, 12, 280-286.	2.0	34
21	Hedonic Hotspots Regulate Cingulate-driven Adaptation to Cognitive Demands. Cerebral Cortex, 2015, 25, 1746-1756.	2.9	33
22	Affective Modulation of Cognitive Control: A Biobehavioral Perspective. , 2015, , 89-107.		32
23	How embarrassing! The behavioral and neural correlates of processing social norm violations. PLoS ONE, 2017, 12, e0176326.	2.5	30
24	Does conflict help or hurt cognitive control? Initial evidence for an inverted U-shape relationship between perceived task difficulty and conflict adaptation. Frontiers in Psychology, 2015, 6, 974.	2.1	27
25	The influence of approach–avoidance motivational orientation on conflict adaptation. Cognitive, Affective and Behavioral Neuroscience, 2014, 14, 548-560.	2.0	23
26	Effects of arousal on cognitive control: empirical tests of the conflict-modulated Hebbian-learning hypothesis. Frontiers in Human Neuroscience, 2014, 8, 23.	2.0	21
27	How effortful is cognitive control? Insights from a novel method measuring single-trial evoked beta-adrenergic cardiac reactivity. International Journal of Psychophysiology, 2017, 119, 87-92.	1.0	20
28	Tuning down the hedonic brain: Cognitive load reduces neural responses to high-calorie food pictures in the nucleus accumbens. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 447-459.	2.0	20
29	How positive affect buffers stress responses. Current Opinion in Behavioral Sciences, 2021, 39, 153-160.	3.9	20
30	Promises and pitfalls of Web-based experimentation in the advance of replicable psychological science: A reply to Plant (2015). Behavior Research Methods, 2016, 48, 1713-1717.	4.0	18
31	Altered Neurobiological Processing of Unintentional Social Norm Violations: A Multiplex, Multigenerational Functional Magnetic Resonance Imaging Study on Social Anxiety Endophenotypes. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2020, 5, 981-990.	1.5	18
32	Amygdala hyperreactivity to faces conditioned with a social-evaluative meaning – a multiplex, multigenerational fMRI study on social anxiety endophenotypes. NeuroImage: Clinical, 2020, 26, 102247.	2.7	18
33	The <sc>L</sc>eiden <sc>F</sc>amily <sc>L</sc>ab study on <sc>S</sc>ocial <sc>A</sc>nxiety <sc>D</sc>isorder: A multiplex, multigenerational family study on neurocognitive endophenotypes. International Journal of Methods in Psychiatric Research, 2018, 27, e1616.	2.1	17
34	Finding a balance: modulatory effects of positive affect on attentional and cognitive control. Current Opinion in Behavioral Sciences, 2021, 39, 136-141.	3.9	17
35	More pain, more gain: Blocking the opioid system boosts adaptive cognitive control. Psychoneuroendocrinology, 2017, 80, 99-103.	2.7	15
36	Heart work after errors: Behavioral adjustment following error commission involves cardiac effort. Cognitive, Affective and Behavioral Neuroscience, 2018, 18, 375-388.	2.0	15

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37	Reduced cognitive control in passionate lovers. <i>Motivation and Emotion</i> , 2014, 38, 444.	1.3	14
38	Modulation of cognitive and emotional processing by cannabidiol: the role of the anterior cingulate cortex. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 147.	2.0	14
39	Practice explains abolished behavioural adaptation after human dorsal anterior cingulate cortex lesions. <i>Scientific Reports</i> , 2015, 5, 9721.	3.3	14
40	Dose-dependent effects of cannabis on the neural correlates of error monitoring in frequent cannabis users. <i>European Neuropsychopharmacology</i> , 2015, 25, 1943-1953.	0.7	14
41	Limits of ideomotor actionâ€œoutcome acquisition. <i>Brain Research</i> , 2015, 1626, 45-53.	2.2	13
42	Temporal dynamics of error-related corrugator supercilii and zygomaticus major activity: Evidence for implicit emotion regulation following errors. <i>International Journal of Psychophysiology</i> , 2019, 146, 208-216.	1.0	13
43	Exogenous testosterone affects early threat processing in socially anxious and healthy women. <i>Biological Psychology</i> , 2017, 129, 82-89.	2.2	11
44	The face of control: Corrugator supercilii tracks aversive conflict signals in the service of adaptive cognitive control. <i>Psychophysiology</i> , 2020, 57, e13524.	2.4	11
45	Not intended, still embarrassed: Social anxiety is related to increased levels of embarrassment in response to unintentional social norm violations. <i>European Psychiatry</i> , 2018, 52, 15-21.	0.2	10
46	Impaired neural habituation to neutral faces in families genetically enriched for social anxiety disorder. <i>Depression and Anxiety</i> , 2019, 36, 1143-1153.	4.1	10
47	Emotion and conflict adaptation: the role of phasic arousal and self-relevance. <i>Cognition and Emotion</i> , 2020, 34, 1083-1096.	2.0	9
48	Reading Your Emotions in My Physiology? Reliable Emotion Interpretations in Absence of a Robust Physiological Resonance. <i>Affective Science</i> , 2022, 3, 480-497.	2.6	9
49	Representational precision in visual cortex reveals outcome encoding and reward modulation during action preparation. <i>NeuroImage</i> , 2017, 157, 415-428.	4.2	6
50	Cognitive control in romantic love: the roles of infatuation and attachment in interference and adaptive cognitive control. <i>Cognition and Emotion</i> , 2020, 34, 596-603.	2.0	5
51	What is cognitive control without affect?. <i>International Journal of Psychophysiology</i> , 2020, 153, 91-94.	1.0	5
52	Intrinsic functional connectivity in families genetically enriched for social anxiety disorder â€œ an endophenotype study. <i>EBioMedicine</i> , 2021, 69, 103445.	6.1	5
53	The Influence of Hearing Loss on Cognitive Control in an Auditory Conflict Task: Behavioral and Pupillometry Findings. <i>Journal of Speech, Language, and Hearing Research</i> , 2020, 63, 2483-2492.	1.6	5
54	P.491 Social conditioning of neutral faces in families genetically enriched for social anxiety disorder. <i>European Neuropsychopharmacology</i> , 2019, 29, S345-S346.	0.7	2

#	ARTICLE	IF	CITATIONS
55	16. Sample Size Matters: A Voxel-Based Morphometry Multi-Center Mega-Analysis of Gray Matter Volume in Social Anxiety Disorder. <i>Biological Psychiatry</i> , 2017, 81, S7-S8.	1.3	1
56	Social norm processing as an endophenotype of social anxiety disorder: a family study in two generations. <i>European Neuropsychopharmacology</i> , 2017, 27, S49-S50.	0.7	1
57	Increased Intrinsic Functional Connectivity in Families Genetically Enriched for Social Anxiety. <i>Biological Psychiatry</i> , 2020, 87, S296-S297.	1.3	1
58	The mystery remains: breadth of attention in Flanker and Navon tasks unaffected by affective states induced by an appraisal manipulation. <i>Cognition and Emotion</i> , 2022, , 1-19.	2.0	0