

Simon van Gaal

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/779323/publications.pdf>

Version: 2024-02-01

52
papers

2,656
citations

236925

25
h-index

206112

48
g-index

64
all docs

64
docs citations

64
times ranked

2265
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards consensus on visual pursuit and visual fixation in patients with disorders of consciousness. A Delphi study. <i>Journal of Neurology</i> , 2022, , 1.	3.6	2
2	Criteria for empirical theories of consciousness should focus on the explanatory power of mechanisms, not on functional equivalence. <i>Cognitive Neuroscience</i> , 2021, 12, 93-94.	1.4	4
3	Subjective visibility report is facilitated by conscious predictions only. <i>Consciousness and Cognition</i> , 2021, 87, 103048.	1.5	4
4	Pupil Dilation and the Slow Wave ERP Reflect Surprise about Choice Outcome Resulting from Intrinsic Variability in Decision Confidence. <i>Cerebral Cortex</i> , 2021, 31, 3565-3578.	2.9	18
5	Representational dynamics preceding conscious access. <i>NeuroImage</i> , 2021, 230, 117789.	4.2	9
6	The human visual system differentially represents subjectively and objectively invisible stimuli. <i>PLoS Biology</i> , 2021, 19, e3001241.	5.6	26
7	On the Necessity of Recurrent Processing during Object Recognition: It Depends on the Need for Scene Segmentation. <i>Journal of Neuroscience</i> , 2021, 41, 6281-6289.	3.6	17
8	Preserved sensory processing but hampered conflict detection when stimulus input is task-irrelevant. <i>ELife</i> , 2021, 10, .	6.0	9
9	No Evidence for Neural Overlap between Unconsciously Processed and Imagined Stimuli. <i>ENeuro</i> , 2021, 8, ENEURO.0228-21.2021.	1.9	10
10	Methylphenidate does not affect convergent and divergent creative processes in healthy adults. <i>NeuroImage</i> , 2020, 205, 116279.	4.2	13
11	Decreased Alertness Reconfigures Cognitive Control Networks. <i>Journal of Neuroscience</i> , 2020, 40, 7142-7154.	3.6	25
12	On the pathophysiology and treatment of akinetic mutism. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 112, 270-278.	6.1	37
13	No language unification without neural feedback: How awareness affects sentence processing. <i>NeuroImage</i> , 2019, 202, 116063.	4.2	10
14	Exploring the role of expectations and stimulus relevance on stimulus-specific neural representations and conscious report. <i>Neuroscience of Consciousness</i> , 2019, 2019, niz011.	2.6	11
15	Independent Neural Activity Patterns for Sensory- and Confidence-Based Information Maintenance during Category-Selective Visual Processing. <i>ENeuro</i> , 2019, 6, ENEURO.0268-18.2018.	1.9	13
16	No Evidence that Predictions and Attention Modulate the First Feedforward Sweep of Cortical Information Processing. <i>Cerebral Cortex</i> , 2019, 29, 2261-2278.	2.9	52
17	Opportunities and challenges for a maturing science of consciousness. <i>Nature Human Behaviour</i> , 2019, 3, 104-107.	12.0	58
18	Dynamic Interactions between Top-Down Expectations and Conscious Awareness. <i>Journal of Neuroscience</i> , 2018, 38, 2318-2327.	3.6	42

#	ARTICLE	IF	CITATIONS
19	How early does attention modulate visual information processing? The importance of experimental protocol and data analysis approach. <i>Cognitive Neuroscience</i> , 2018, 9, 26-28.	1.4	5
20	Cue predictability does not modulate bottom-up attentional capture. <i>Royal Society Open Science</i> , 2018, 5, 180524.	2.4	5
21	How the Level of Reward Awareness Changes the Computational and Electrophysiological Signatures of Reinforcement Learning. <i>Journal of Neuroscience</i> , 2018, 38, 10338-10348.	3.6	30
22	From ERPs to MVPA Using the Amsterdam Decoding and Modeling Toolbox (ADAM). <i>Frontiers in Neuroscience</i> , 2018, 12, 368.	2.8	104
23	The relationship between conflict awareness and behavioral and oscillatory signatures of immediate and delayed cognitive control. <i>NeuroImage</i> , 2018, 177, 11-19.	4.2	24
24	EEG decoding reveals functionally independent neural signatures for perceptual maintenance and confidence-based maintenance during conscious perception. <i>Journal of Vision</i> , 2018, 18, 440.	0.3	0
25	Creative cognition and dopaminergic modulation of fronto-striatal networks: Integrative review and research agenda. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 78, 13-23.	6.1	118
26	Widespread neural oscillations in the delta band dissociate rule convergence from rule divergence during creative idea generation. <i>Neuropsychologia</i> , 2017, 104, 8-17.	1.6	26
27	EEG neural oscillatory dynamics reveal semantic and response conflict at difference levels of conflict awareness. <i>Scientific Reports</i> , 2015, 5, 12008.	3.3	36
28	Expectations accelerate entry of visual stimuli into awareness. <i>Journal of Vision</i> , 2015, 15, 13.	0.3	85
29	Manipulating word awareness dissociates feed-forward from feedback models of language-perception interactions. <i>Neuroscience of Consciousness</i> , 2015, 2015, niv003.	2.6	5
30	Conflict awareness dissociates theta-band neural dynamics of the medial frontal and lateral frontal cortex during trial-by-trial cognitive control. <i>NeuroImage</i> , 2015, 116, 102-111.	4.2	47
31	Can the meaning of multiple words be integrated unconsciously?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130212.	4.0	82
32	Subthreshold muscle twitches dissociate oscillatory neural signatures of conflicts from errors. <i>NeuroImage</i> , 2014, 86, 503-513.	4.2	92
33	Electrophysiological correlates of block-wise strategic adaptations to consciously and unconsciously triggered conflict. <i>Neuropsychologia</i> , 2013, 51, 2791-2798.	1.6	18
34	Dynamic Interactions between Large-Scale Brain Networks Predict Behavioral Adaptation after Perceptual Errors. <i>Cerebral Cortex</i> , 2013, 23, 1061-1072.	2.9	137
35	Neuronal integration in visual cortex elevates face category tuning to conscious face perception. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 21504-21509.	7.1	65
36	GABAA Agonist Reduces Visual Awareness: A Masking EEG Experiment. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 965-974.	2.3	26

#	ARTICLE	IF	CITATIONS
37	Unconscious High-Level Information Processing. <i>Neuroscientist</i> , 2012, 18, 287-301.	3.5	145
38	Response to Desender & Van den Bussche: On the absence of a relationship between discriminability and priming. <i>Consciousness and Cognition</i> , 2012, 21, 1573-1574.	1.5	0
39	The role of consciousness in cognitive control and decision making. <i>Frontiers in Human Neuroscience</i> , 2012, 6, 121.	2.0	112
40	Functional connectivity analysis of fMRI data using parameterized regions-of-interest. <i>NeuroImage</i> , 2011, 54, 410-416.	4.2	5
41	Immediate and long-term priming effects are independent of prime awareness. <i>Consciousness and Cognition</i> , 2011, 20, 1793-1800.	1.5	36
42	Act Quickly, Decide Later: Long-latency Visual Processing Underlies Perceptual Decisions but Not Reflexive Behavior. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 3734-3745.	2.3	15
43	Pre-SMA Gray-matter Density Predicts Individual Differences in Action Selection in the Face of Conscious and Unconscious Response Conflict. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 382-390.	2.3	84
44	Dissociable Brain Mechanisms Underlying the Conscious and Unconscious Control of Behavior. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 91-105.	2.3	113
45	How Awareness Changes the Relative Weights of Evidence During Human Decision-Making. <i>PLoS Biology</i> , 2011, 9, e1001203.	5.6	51
46	The Flexible Nature of Unconscious Cognition. <i>PLoS ONE</i> , 2011, 6, e25729.	2.5	32
47	Unconsciously Triggered Conflict Adaptation. <i>PLoS ONE</i> , 2010, 5, e11508.	2.5	91
48	Unconscious Activation of the Prefrontal No-Go Network. <i>Journal of Neuroscience</i> , 2010, 30, 4143-4150.	3.6	209
49	Unconscious errors enhance prefrontal-occipital oscillatory synchrony. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 54.	2.0	99
50	Dissociating consciousness from inhibitory control: Evidence for unconsciously triggered response inhibition in the stop-signal task. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1129-1139.	0.9	123
51	Frontal Cortex Mediates Unconsciously Triggered Inhibitory Control. <i>Journal of Neuroscience</i> , 2008, 28, 8053-8062.	3.6	244
52	The Relationship between Visual Awareness, Attention, and Report. <i>Journal of Neuroscience</i> , 2008, 28, 5401-5402.	3.6	19