

# Stefan J Troche

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

508  
citations

933447

10  
h-index

794594

19  
g-index

41  
all docs

41  
docs citations

41  
times ranked

443  
citing authors

#	ARTICLE	IF	CITATIONS
1	The effect of chronic pain on voluntary and involuntary capture of attention: An event-related potential study.. Behavioral Neuroscience, 2022, 136, 195-205.	1.2	5
2	The biological basis of intelligence: Benchmark findings. Intelligence, 2022, 93, 101665.	3.0	11
3	Loneliness and Well-Being During the Covid-19 Pandemic: Associations with Personality and Emotion Regulation. Journal of Happiness Studies, 2021, 22, 2323-2342.	3.2	95
4	Do Executive Attentional Processes Uniquely or Commonly Explain Psychometric g and Correlations in the Positive Manifold? A Structural Equation Modeling and Network-Analysis Approach to Investigate the Process Overlap Theory. Journal of Intelligence, 2021, 9, 37.	2.5	4
5	The dual mechanisms of cognitive control and their relation to reasoning and the item-position effect. Acta Psychologica, 2021, 221, 103448.	1.5	1
6	Interval Timing in Pediatric Multiple Sclerosis: Impaired in the Subsecond Range but Unimpaired in the One-Second Range. Frontiers in Neurology, 2020, 11, 575780.	2.4	1
7	Scaling the Variance of a Latent Variable While Assuring Constancy of the Model. Frontiers in Psychology, 2019, 10, 887.	2.1	11
8	On the Relationship between P3 Latency and Mental Ability as a Function of Increasing Demands in a Selective Attention Task. Brain Sciences, 2019, 9, 28.	2.3	13
9	Evaluating the relationship between psychometric intelligence and cognitive functions in paediatric multiple sclerosis. Multiple Sclerosis Journal - Experimental, Translational and Clinical, 2019, 5, 205521731989436.	1.0	7
10	Does the Effect of a Time Limit for Testing Impair Structural Investigations by Means of Confirmatory Factor Models?. Educational and Psychological Measurement, 2019, 79, 40-64.	2.4	9
11	The Structural Validity of the Culture Fair Test Under Consideration of the Item-Position Effect. European Journal of Psychological Assessment, 2019, 35, 182-189.	3.0	2
12	The EV Scaling Method for Variances of Latent Variables. Methodology, 2019, 15, 175-184.	1.1	8
13	On the relationship between spatial suppression, speed of information processing, and psychometric intelligence. Intelligence, 2018, 67, 11-18.	3.0	21
14	Functional Near-Infrared Spectroscopy Recordings of Visuospatial Working Memory Processes. Part II: A Replication Study in Children on Sensitivity and Mental-Ability-Induced Differences in Functional Activation. Brain Sciences, 2018, 8, 152.	2.3	2
15	Speed- and accuracy-related measures of an intelligence test are differentially predicted by the speed and accuracy measures of a cognitive task. Intelligence, 2018, 71, 1-7.	3.0	6
16	The Validity of Functional Near-Infrared Spectroscopy Recordings of Visuospatial Working Memory Processes in Humans. Brain Sciences, 2018, 8, 62.	2.3	3
17	Putting the temporal resolution power (TRP) hypothesis to a critical test: Is the TRP-g relationship still more fundamental than an optimized relationship between speed of information processing and g?. Intelligence, 2018, 70, 52-60.	3.0	8
18	Sex Differences in Visual Motion Processing. Current Biology, 2018, 28, 2794-2799.e3.	3.9	35

#	ARTICLE	IF	CITATIONS
19	Elucidating the Functional Relationship Between Speed of Information Processing and Speed-, Capacity-, and Memory-Related Aspects of Psychometric Intelligence. <i>Advances in Cognitive Psychology</i> , 2018, 14, 3-13.	0.5	5
20	On the role of dominance and nurturance in the confluence model: A person-centered approach to the prediction of sexual aggression. <i>Aggressive Behavior</i> , 2017, 43, 251-262.	2.4	9
21	On the relation between mental ability and speed of information processing in the Hick task: An analysis of behavioral and electrophysiological speed measures. <i>Personality and Individual Differences</i> , 2017, 118, 11-16.	2.9	5
22	Decomposing the functional relationship between speed of information processing in the Hick paradigm and mental ability: A fixed-links modeling approach. <i>Personality and Individual Differences</i> , 2017, 118, 17-21.	2.9	6
23	The Effects of Sex and Gender-Role Characteristics on Facets of Sociosexuality in Heterosexual Young Adults. <i>Journal of Sex Research</i> , 2017, 54, 254-263.	2.5	15
24	Validity of the Worst Performance Rule as a Function of Task Complexity and Psychometric g: On the Crucial Role of g Saturation. <i>Journal of Intelligence</i> , 2016, 4, 5.	2.5	13
25	Visual-auditory differences in duration discrimination of intervals in the subsecond and second range. <i>Frontiers in Psychology</i> , 2015, 6, 1626.	2.1	40
26	Elucidating the Functional Relationship Between Working Memory Capacity and Psychometric Intelligence: A Fixed-Links Modeling Approach for Experimental Repeated-Measures Designs. <i>Advances in Cognitive Psychology</i> , 2015, 11, 3-13.	0.5	9
27	A fixed-links modeling approach to assess individual differences in the attentional blink: Analysis of behavioral and psychophysiological data. <i>Acta Psychologica</i> , 2015, 159, 123-130.	1.5	4
28	Intelligence and the psychological refractory period: A lateralized readiness potential study. <i>Intelligence</i> , 2015, 53, 138-144.	3.0	8
29	Relations among fluid intelligence, sensory discrimination and working memory in middle to late childhood – A latent variable approach. <i>Cognitive Development</i> , 2014, 32, 58-73.	1.3	5
30	Intelligence is related to specific processes in visual change detection: Fixed-links modeling of hit rate and reaction time. <i>Intelligence</i> , 2014, 43, 8-20.	3.0	8
31	Relations between the attentional blink and aspects of psychometric intelligence: A fixed-links modeling approach. <i>Personality and Individual Differences</i> , 2014, 58, 122-127.	2.9	6
32	Attentional blink and impulsiveness: evidence for higher functional impulsivity in non-blinkers compared to blinkers. <i>Cognitive Processing</i> , 2013, 14, 273-281.	1.4	7
33	Sensory Discrimination, Working Memory and Intelligence in 9-Year-Old and 11-Year-Old Children. <i>Infant and Child Development</i> , 2013, 22, 523-538.	1.5	6
34	Extraversion and short-term memory for chromatic stimuli: An event-related potential analysis. <i>International Journal of Psychophysiology</i> , 2012, 86, 66-73.	1.0	3
35	Evidence for mental ability related individual differences in the attentional blink obtained by an analysis of the P300 component. <i>Brain and Cognition</i> , 2012, 78, 230-237.	1.8	5
36	Personality and the psychological refractory period: No evidence for an extraversion- or intelligence-related effect.. <i>Canadian Journal of Behavioural Science</i> , 2011, 43, 214-221.	0.6	9

#	ARTICLE	IF	CITATIONS
37	Effects of age and the relationship between response time measures and psychometric intelligence in younger adults. <i>Personality and Individual Differences</i> , 2010, 48, 49-53.	2.9	10
38	Mental ability, P300, and mismatch negativity: Analysis of frequency and duration discrimination. <i>Intelligence</i> , 2009, 37, 365-373.	3.0	36
39	Processing of Temporal and Nontemporal Information as Predictors of Psychometric Intelligence: A Structuralâ€Equationâ€Modeling Approach. <i>Journal of Personality</i> , 2007, 75, 985-1006.	3.2	38
40	The Relationship of Digit Ratio (2D:4D) and Gender-Role Orientation in Four National Samples. <i>Journal of Individual Differences</i> , 2007, 28, 78-87.	1.0	14
41	The impact of chronic pain on creative ideation: An examination of the underlying attentionâ€related psychophysiological mechanisms. <i>European Journal of Pain</i> , 0, , .	2.8	5