

Han L J Van Der Maas

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

3,347
citations

218677

26
h-index

155660

55
g-index

74
all docs

74
docs citations

74
times ranked

3066
citing authors

#	ARTICLE	IF	CITATIONS
1	A dynamical model of general intelligence: The positive manifold of intelligence by mutualism.. Psychological Review, 2006, 113, 842-861.	3.8	704
2	Major Depression as a Complex Dynamic System. PLoS ONE, 2016, 11, e0167490.	2.5	271
3	Toward a formalized account of attitudes: The Causal Attitude Network (CAN) model.. Psychological Review, 2016, 123, 2-22.	3.8	218
4	False alarm? A comprehensive reanalysis of "Evidence that psychopathology symptom networks have limited replicability" by Forbes, Wright, Markon, and Krueger (2017).. Journal of Abnormal Psychology, 2017, 126, 989-999.	1.9	155
5	Fitting multivariate normal finite mixtures subject to structural equation modeling. Psychometrika, 1998, 63, 227-253.	2.1	149
6	Network Analysis on Attitudes. Social Psychological and Personality Science, 2017, 8, 528-537.	3.9	149
7	Cognitive psychology meets psychometric theory: On the relation between process models for decision making and latent variable models for individual differences.. Psychological Review, 2011, 118, 339-356.	3.8	136
8	Theory Construction Methodology: A Practical Framework for Building Theories in Psychology. Perspectives on Psychological Science, 2021, 16, 756-766.	9.0	127
9	Network Models for Cognitive Development and Intelligence. Journal of Intelligence, 2017, 5, 16.	2.5	92
10	Researchers'™ Intuitions About Power in Psychological Research. Psychological Science, 2016, 27, 1069-1077.	3.3	91
11	Complex realities require complex theories: Refining and extending the network approach to mental disorders. Behavioral and Brain Sciences, 2010, 33, 178-193.	0.7	89
12	What is the <i>g</i> -factor of psychopathology? Some risks of general factor modeling. Theory and Psychology, 2017, 27, 759-773.	1.2	75
13	Nonnormality and divergence in posttreatment alcohol use: Reexamining the Project MATCH data "another way.". Journal of Abnormal Psychology, 2007, 116, 378-394.	1.9	71
14	A Bivariate Generalized Linear Item Response Theory Modeling Framework to the Analysis of Responses and Response Times. Multivariate Behavioral Research, 2015, 50, 56-74.	3.1	66
15	A psychometric analysis of chess expertise. American Journal of Psychology, 2005, 118, 29-60.	0.3	66
16	Extending psychometric network analysis: Empirical evidence against <i>g</i> in favor of mutualism?. Intelligence, 2019, 73, 52-62.	3.0	65
17	Intelligence Is What the Intelligence Test Measures. Seriously. Journal of Intelligence, 2014, 2, 12-15.	2.5	62
18	The Attitudinal Entropy (AE) Framework as a General Theory of Individual Attitudes. Psychological Inquiry, 2018, 29, 175-193.	0.9	51

#	ARTICLE	IF	CITATIONS
19	Is Evolutionary Psychology a Metatheory for Psychology? A Discussion of Four Major Issues in Psychology From an Evolutionary Developmental Perspective. <i>Psychological Inquiry</i> , 2008, 19, 1-18.	0.9	44
20	How to Compare Psychometric Factor and Network Models. <i>Journal of Intelligence</i> , 2020, 8, 35.	2.5	42
21	Numerical bifurcation analysis of distance-dependent on-center off-surround shunting neural networks. <i>Biological Cybernetics</i> , 1996, 75, 495-507.	1.3	39
22	Network Structure Explains the Impact of Attitudes on Voting Decisions. <i>Scientific Reports</i> , 2017, 7, 4909.	3.3	39
23	The Wiring of Intelligence. <i>Perspectives on Psychological Science</i> , 2019, 14, 1034-1061.	9.0	39
24	Major depressive disorder as a nonlinear dynamic system: bimodality in the frequency distribution of depressive symptoms over time. <i>BMC Psychiatry</i> , 2015, 15, 222.	2.6	38
25	How to detect cognitive strategies: commentary on "Differentiation and integration: guiding principles for analyzing cognitive change". <i>Developmental Science</i> , 2008, 11, 449-453.	2.4	36
26	Developmental transitions: So what's new?. <i>British Journal of Developmental Psychology</i> , 1998, 16, 1-13.	1.7	30
27	A Network Perspective on Attitude Strength: Testing the Connectivity Hypothesis. <i>Social Psychological and Personality Science</i> , 2019, 10, 746-756.	3.9	29
28	Learning As It Happens: A Decade of Analyzing and Shaping a Large-Scale Online Learning System. <i>Journal of Learning Analytics</i> , 2018, 5, .	2.4	24
29	An explanatory item response theory method for alleviating the cold-start problem in adaptive learning environments. <i>Behavior Research Methods</i> , 2019, 51, 895-909.	4.0	24
30	<i>Four and twenty</i> blackbirds: how transcoding ability mediates the relationship between visuospatial working memory and math in a language with inversion. <i>Educational Psychology</i> , 2017, 37, 487-505.	2.7	18
31	Introducing a science interest network model to reveal country differences.. <i>Journal of Educational Psychology</i> , 2019, 111, 1063-1080.	2.9	17
32	Distinguishing Fast and Slow Processes in Accuracy - Response Time Data. <i>PLoS ONE</i> , 2016, 11, e0155149.	2.5	17
33	The polarization within and across individuals: the hierarchical Ising opinion model. <i>Journal of Complex Networks</i> , 2020, 8, .	1.8	16
34	A Multidimensional IRT Approach for Dynamically Monitoring Ability Growth in Computerized Practice Environments. <i>Frontiers in Psychology</i> , 2019, 10, 620.	2.1	14
35	The Dynamics of Addiction: Craving versus Self-Control. <i>PLoS ONE</i> , 2016, 11, e0158323.	2.5	14
36	The Balance-Scale Task Revisited: A Comparison of Statistical Models for Rule-Based and Information-Integration Theories of Proportional Reasoning. <i>PLoS ONE</i> , 2015, 10, e0136449.	2.5	13

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37	Self-adapting the success rate when practicing math. <i>Learning and Individual Differences</i> , 2016, 51, 1-10.	2.7	13
38	An Analytic Tableaux Model for Deductive Mastermind Empirically Tested with a Massively Used Online Learning System. <i>Journal of Logic, Language and Information</i> , 2013, 22, 297-314.	0.6	12
39	Cognitive Analysis of Educational Games: The Number Game. <i>Topics in Cognitive Science</i> , 2017, 9, 395-412.	1.9	11
40	A Solution to the Measurement Problem in the Idiographic Approach Using Computer Adaptive Practicing. <i>Journal of Intelligence</i> , 2018, 6, 14.	2.5	11
41	The Theoretical and Statistical Ising Model: A Practical Guide in R. <i>Psych</i> , 2021, 3, 594-618.	1.6	9
42	Computerized adaptive assessment of understanding of programming concepts in primary school children. <i>Computer Science Education</i> , 2022, 32, 418-448.	3.7	8
43	Evolving networks of human intelligence. <i>Intelligence</i> , 2021, 88, 101567.	3.0	8
44	Deviations of rational choice: an integrative explanation of the endowment and several context effects. <i>Scientific Reports</i> , 2020, 10, 16226.	3.3	7
45	Neural constructivism or self-organization?. <i>Behavioral and Brain Sciences</i> , 2000, 23, 783-784.	0.7	6
46	Post-error slowing: Large scale study in an online learning environment for practising mathematics and language. <i>Developmental Science</i> , 2021, , e13174.	2.4	6
47	The search for causality: A comparison of different techniques for causal inference graphs.. <i>Psychological Methods</i> , 2021, 26, 719-742.	3.5	5
48	Accurate by Being Noisy: A Formal Network Model of Implicit Measures of Attitudes. <i>Social Cognition</i> , 2020, 38, s26-s41.	0.9	5
49	A phase transition model for mother-child interaction: comment on Olthof et al., 2000. <i>Infant and Child Development</i> , 2000, 9, 75-83.	1.5	4
50	Inferring the structure of latent class. <i>Behavior Research Methods</i> , 2005, 37, 340-352.	4.0	3
51	Is Evolutionary Developmental Biology a Viable Approach to the Study of the Human Mind?. <i>Psychological Inquiry</i> , 2008, 19, 41-48.	0.9	3
52	Mitochondrial Functioning % General Intelligence. <i>Journal of Intelligence</i> , 2020, 8, 20.	2.5	3
53	Error detection through mouse movement in an online adaptive learning environment. <i>Journal of Computer Assisted Learning</i> , 2021, 37, 242-252.	5.1	3
54	An Attention-Based Diffusion Model for Psychometric Analyses. <i>Psychometrika</i> , 2021, 86, 938-972.	2.1	3

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55	The Attitudinal Entropy (AE) Framework: Clarifications, Extensions, and Future Directions. Psychological Inquiry, 2018, 29, 218-228.	0.9	2