

# 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

218662

26  
h-index

155644

55  
g-index

74  
all docs

74  
docs citations

74  
times ranked

3066  
citing authors

#	ARTICLE	IF	CITATIONS
1	Computerized adaptive assessment of understanding of programming concepts in primary school children. <i>Computer Science Education</i> , 2022, 32, 418-448.	3.7	8
2	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
3	Theory Construction Methodology: A Practical Framework for Building Theories in Psychology. <i>Perspectives on Psychological Science</i> , 2021, 16, 756-766.	9.0	127
4	The search for causality: A comparison of different techniques for causal inference graphs.. <i>Psychological Methods</i> , 2021, 26, 719-742.	3.5	5
5	An Attention-Based Diffusion Model for Psychometric Analyses. <i>Psychometrika</i> , 2021, 86, 938-972.	2.1	3
6	Evolving networks of human intelligence. <i>Intelligence</i> , 2021, 88, 101567.	3.0	8
7	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
8	The Theoretical and Statistical Ising Model: A Practical Guide in R. <i>Psych</i> , 2021, 3, 594-618.	1.6	9
9	How to Compare Psychometric Factor and Network Models. <i>Journal of Intelligence</i> , 2020, 8, 35.	2.5	42
10	Deviations of rational choice: an integrative explanation of the endowment and several context effects. <i>Scientific Reports</i> , 2020, 10, 16226.	3.3	7
11	The polarization within and across individuals: the hierarchical Ising opinion model. <i>Journal of Complex Networks</i> , 2020, 8, .	1.8	16
12	Mitochondrial Functioning % General Intelligence. <i>Journal of Intelligence</i> , 2020, 8, 20.	2.5	3
13	Accurate by Being Noisy: A Formal Network Model of Implicit Measures of Attitudes. <i>Social Cognition</i> , 2020, 38, s26-s41.	0.9	5
14	The Wiring of Intelligence. <i>Perspectives on Psychological Science</i> , 2019, 14, 1034-1061.	9.0	39
15	Extending psychometric network analysis: Empirical evidence against g in favor of mutualism?. <i>Intelligence</i> , 2019, 73, 52-62.	3.0	65
16	A Multidimensional IRT Approach for Dynamically Monitoring Ability Growth in Computerized Practice Environments. <i>Frontiers in Psychology</i> , 2019, 10, 620.	2.1	14
17	A Network Perspective on Attitude Strength: Testing the Connectivity Hypothesis. <i>Social Psychological and Personality Science</i> , 2019, 10, 746-756.	3.9	29
18	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

#	ARTICLE	IF	CITATIONS
19	Introducing a science interest network model to reveal country differences.. Journal of Educational Psychology, 2019, 111, 1063-1080.	2.9	17
20	Learning As It Happens: A Decade of Analyzing and Shaping a Large-Scale Online Learning System. Journal of Learning Analytics, 2018, 5, .	2.4	24
21	The Attitudinal Entropy (AE) Framework: Clarifications, Extensions, and Future Directions. Psychological Inquiry, 2018, 29, 218-228.	0.9	2
22	The Attitudinal Entropy (AE) Framework as a General Theory of Individual Attitudes. Psychological Inquiry, 2018, 29, 175-193.	0.9	51
23	A Solution to the Measurement Problem in the Idiographic Approach Using Computer Adaptive Practicing. Journal of Intelligence, 2018, 6, 14.	2.5	11
24	<i>Four and twenty</i> blackbirds: how transcoding ability mediates the relationship between visuospatial working memory and math in a language with inversion. Educational Psychology, 2017, 37, 487-505.	2.7	18
25	Cognitive Analysis of Educational Games: The Number Game. Topics in Cognitive Science, 2017, 9, 395-412.	1.9	11
26	Network Analysis on Attitudes. Social Psychological and Personality Science, 2017, 8, 528-537.	3.9	149
27	What is the <i>p</i>-factor of psychopathology? Some risks of general factor modeling. Theory and Psychology, 2017, 27, 759-773.	1.2	75
28	Network Structure Explains the Impact of Attitudes on Voting Decisions. Scientific Reports, 2017, 7, 4909.	3.3	39
29	Network Models for Cognitive Development and Intelligence. Journal of Intelligence, 2017, 5, 16.	2.5	92
30	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
31	Self-adapting the success rate when practicing math. Learning and Individual Differences, 2016, 51, 1-10.	2.7	13
32	Toward a formalized account of attitudes: The Causal Attitude Network (CAN) model.. Psychological Review, 2016, 123, 2-22.	3.8	218
33	Researchers'™ Intuitions About Power in Psychological Research. Psychological Science, 2016, 27, 1069-1077.	3.3	91
34	Distinguishing Fast and Slow Processes in Accuracy - Response Time Data. PLoS ONE, 2016, 11, e0155149.	2.5	17
35	The Dynamics of Addiction: Craving versus Self-Control. PLoS ONE, 2016, 11, e0158323.	2.5	14
36	Major Depression as a Complex Dynamic System. PLoS ONE, 2016, 11, e0167490.	2.5	271

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37	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
38	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
39	A Bivariate Generalized Linear Item Response Theory Modeling Framework to the Analysis of Responses and Response Times. <i>Multivariate Behavioral Research</i> , 2015, 50, 56-74.	3.1	66
40	Intelligence Is What the Intelligence Test Measures. Seriously. <i>Journal of Intelligence</i> , 2014, 2, 12-15.	2.5	62
41	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
42	Cognitive psychology meets psychometric theory: On the relation between process models for decision making and latent variable models for individual differences.. <i>Psychological Review</i> , 2011, 118, 339-356.	3.8	136
43	Complex realities require complex theories: Refining and extending the network approach to mental disorders. <i>Behavioral and Brain Sciences</i> , 2010, 33, 178-193.	0.7	89
44	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
45	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
46	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
47	Nonnormality and divergence in posttreatment alcohol use: Reexamining the Project MATCH data "another way.". <i>Journal of Abnormal Psychology</i> , 2007, 116, 378-394.	1.9	71
48	A dynamical model of general intelligence: The positive manifold of intelligence by mutualism.. <i>Psychological Review</i> , 2006, 113, 842-861.	3.8	704
49	Inferring the structure of latent class. <i>Behavior Research Methods</i> , 2005, 37, 340-352.	4.0	3
50	A psychometric analysis of chess expertise. <i>American Journal of Psychology</i> , 2005, 118, 29-60.	0.3	66
51	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
52	Neural constructivism or self-organization?. <i>Behavioral and Brain Sciences</i> , 2000, 23, 783-784.	0.7	6
53	Fitting multivariate normal finite mixtures subject to structural equation modeling. <i>Psychometrika</i> , 1998, 63, 227-253.	2.1	149
54	Developmental transitions: So what's new?. <i>British Journal of Developmental Psychology</i> , 1998, 16, 1-13.	1.7	30

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55	Numerical bifurcation analysis of distance-dependent on-center off-surround shunting neural networks. <i>Biological Cybernetics</i> , 1996, 75, 495-507.	1.3	39