Peter C M Molenaar

List of Publications by Year
in descending order

77 papers	4,643 citations	186265 28 h-index	114465 63 g-index
82 all docs	82 docs citations	82 times ranked	3289 citing authors

#	Article	IF	Citations
1	Problems with Centrality Measures in Psychopathology Symptom Networks: Why Network Psychometrics Cannot Escape Psychometric Theory. Multivariate Behavioral Research, 2021, 56, 199-223.	3.1	107
2	Dynamics of learning: time-varying feedback effects within the intelligent tutoring system of structure strategy (ITSS). Educational Technology Research and Development, 2021, 69, 2963-2984.	2.8	1
3	A Square-Root Second-Order Extended Kalman Filtering Approach for Estimating Smoothly Time-Varying Parameters. Multivariate Behavioral Research, 2020, , 1-19.	3.1	1
4	Modeling the Individual. , 2020, , 327-336.		3
5	Granger Causality Testing with Intensive Longitudinal Data. Prevention Science, 2019, 20, 442-451.	2.6	26
6	The Impact of Variation in Twin Relatedness on Estimates of Heritability and Environmental Influences. Behavior Genetics, 2018, 48, 44-54.	2.1	10
7	Determining the number of factors in P-technique factor analysis. Applied Developmental Science, 2017, 21, 94-105.	1.7	4
8	Equivalent Dynamic Models. Multivariate Behavioral Research, 2017, 52, 242-258.	3.1	16
9	Real-time visual feedback of COM and COP motion properties differentially modifies postural control structures. Experimental Brain Research, 2017, 235, 109-120.	1.5	8
10	A Rejoinder. Multivariate Behavioral Research, 2016, 51, 428-431.	3.1	1
11	Individual Day-to-Day Process of Social Anxiety in Vulnerable College Students. Applied Developmental Science, 2016, 20, 1-15.	1.7	15
12	Person-Specific Non-shared Environmental Influences in Intra-individual Variability: A Preliminary Case of Daily School Feelings in Monozygotic Twins. Behavior Genetics, 2016, 46, 705-717.	2.1	3
13	Dealing with Multiple Solutions in Structural Vector Autoregressive Models. Multivariate Behavioral Research, 2016, 51, 357-373.	3.1	31
14	Some Behaviorial Science Measurement Concerns and Proposals. Multivariate Behavioral Research, 2016, 51, 396-412.	3.1	90
15	Bridging the Nomothetic and Idiographic Approaches to the Analysis of Clinical Data. Assessment, 2016, 23, 447-458.	3.1	154
16	State space modeling of time-varying contemporaneous and lagged relations in connectivity maps. NeuroImage, 2016, 125, 791-802.	4.2	20
17	Testing for Granger Causality in the Frequency Domain: A Phase Resampling Method. Multivariate Behavioral Research, 2016, 51, 53-66.	3.1	24
18	A posteriori model validation for the temporal order of directed functional connectivity maps. Frontiers in Neuroscience, 2015, 9, 304.	2.8	18

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19	Models of Postural Control: Shared Variance in Joint and COM Motions. PLoS ONE, 2015, 10, e0126379.	2.5	49
20	On the relation between person-oriented and subject-specific approaches. Journal for Person-Oriented Research, 2015, 1, 34-41.	0.4	35
21	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. PLoS ONE, 2014, 9, e91322.	2.5	98
22	Personalized State-space Modeling of Glucose Dynamics for Type 1 Diabetes Using Continuously Monitored Glucose, Insulin Dose, and Meal Intake. Journal of Diabetes Science and Technology, 2014, 8, 331-345.	2.2	76
23	Greater <scp>BOLD</scp> activity but more efficient connectivity is associated with better cognitive performance within a sample of nicotine-deprived smokers. Addiction Biology, 2014, 19, 931-940.	2.6	26
24	Networks involved in olfaction and their dynamics using independent component analysis and unified structural equation modeling. Human Brain Mapping, 2014, 35, 2055-2072.	3.6	40
25	Dynamic Models of Biological Pattern Formation Have Surprising Implications for Understanding the Epigenetics of Development. Research in Human Development, 2014, 11, 50-62.	1.3	24
26	iVAR: A program for imputing missing data in multivariate time series using vector autoregressive models. Behavior Research Methods, 2014, 46, 1138-1148.	4.0	24
27	Visual information and multi-joint coordination patterns in one-leg stance. Gait and Posture, 2014, 39, 909-914.	1.4	27
28	The effects of foot position and orientation on inter- and intra-foot coordination in standing postures: a frequency domain PCA analysis. Experimental Brain Research, 2013, 230, 15-27.	1.5	9
29	Compressing movement information via principal components analysis (PCA): Contrasting outcomes from the time and frequency domains. Human Movement Science, 2013, 32, 1495-1511.	1.4	16
30	New methods for sequential behavior analysis.. , 2013, , 267-280.		3
31	On the necessity to use person-specific data analysis approaches in psychology. European Journal of Developmental Psychology, 2013, 10, 29-39.	1.8	55
32	The utility of person-specific analyses for investigating developmental processes. International Journal of Behavioral Development, 2013, 37, 549-562.	2.4	10
33	Dynamic Models of Biological Pattern Formation Have Some Surprising Implications for Understanding the Epigenetics of Development. Advances in Child Development and Behavior, 2013, 45, 21-38.	1.3	1
34	Dynamic Factor Analysis: Modeling Person-Specific Process. , 2013, , .		18
35	The Houdini Transformation: True, but Illusory. Multivariate Behavioral Research, 2012, 47, 442-447.	3.1	5
36	Merging the Idiographic Filter With Dynamic Factor Analysis to Model Process. Applied Developmental Science, 2012, 16, 210-219.	1.7	51

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37	Estimating the actual subject-specific genetic correlations in behavior genetics. Behavioral and Brain Sciences, 2012, 35, 373-374.	0.7	2
38	Estimation of Subject-Specific Heritabilities From Intra-Individual Variation: iFACE. Twin Research and Human Genetics, 2012, 15, 393-400.	0.6	20
39	Group search algorithm recovers effective connectivity maps for individuals in homogeneous and heterogeneous samples. NeuroImage, 2012, 63, 310-319.	4.2	312
40	Extended unified SEM approach for modeling event-related fMRI data. NeuroImage, 2011, 54, 1151-1158.	4.2	113
41	Analyzing Intra-person Variation: Hybridizing the ACE Model with P-Technique Factor Analysis and the Idiographic Filter. Behavior Genetics, 2010, 40, 776-783.	2.1	13
42	Latent variable models are network models. Behavioral and Brain Sciences, 2010, 33, 166-166.	0.7	23
43	Testing all six person-oriented principles in dynamic factor analysis. Development and Psychopathology, 2010, 22, 255-259.	2.3	26
44	Automatic search for fMRI connectivity mapping: An alternative to Granger causality testing using formal equivalences among SEM path modeling, VAR, and unified SEM. NeuroImage, 2010, 50, 1118-1125.	4.2	141
45	The Recoverability of P-technique Factor Analysis. Multivariate Behavioral Research, 2009, 44, 130-141.	3.1	55
46	Commentary on â€œIdiographic Filters for Psychological Constructsâ€. Measurement, 2009, 7, 13-16.	0.2	4
47	Analyzing developmental processes on an individual level using nonstationary time series modeling.. Developmental Psychology, 2009, 45, 260-271.	1.6	115
48	Issues in intraindividual variability: Individual differences in equilibria and dynamics over multiple time scales.. Psychology and Aging, 2009, 24, 858-862.	1.6	66
49	On the implications of the classical ergodic theorems: Analysis of developmental processes has to focus on intraâ€individual variation. Developmental Psychobiology, 2008, 50, 60-69.	1.6	177
50	The Effect of Individual Differences in Factor Loadings on the Standard Factor Model. Multivariate Behavioral Research, 2007, 42, 435-456.	3.1	29
51	Evolutionary theory and the social sciences. Behavioral and Brain Sciences, 2007, 30, 20-21.	0.7	3
52	Psychological Methodology will Change Profoundly Due to the Necessity to Focus on Intra-individual Variation. Integrative Psychological and Behavioral Science, 2007, 41, 35-40.	0.9	38
53	Psychophysical dualism from the point of view of a working psychologist. Erkenntnis, 2006, 65, 47-69.	0.9	1
54	Statistical Modeling of the Individual: Rationale and Application of Multivariate Stationary Time Series Analysis. Multivariate Behavioral Research, 2005, 40, 207-233.	3.1	174

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55	A Manifesto on Psychology as Idiographic Science: Bringing the Person Back Into Scientific Psychology, This Time Forever. Measurement, 2004, 2, 201-218.	0.2	935
56	Direct fit of a theoretical model of phase transition in oscillatory finger motions. British Journal of Mathematical and Statistical Psychology, 2003, 56, 199-214.	1.4	34
57	The Relationship Between the Structure of Interindividual and Intraindividual Variability: A Theoretical and Empirical Vindication of Developmental Systems Theory. , 2003, , 339-360.		116
58	Optimal measurement conditions for spatiotemporal eeg/meg source analysis. Psychometrika, 2002, 67, 299-313.	2.1	16
59	Rotation in the dynamic factor modeling of multivariate stationary time series. Psychometrika, 2001, 66, 99-107.	2.1	17
60	Confidence intervals for hidden Markov model parameters. British Journal of Mathematical and Statistical Psychology, 2000, 53, 317-327.	1.4	46
61	Neural constructivism or self-organization?. Behavioral and Brain Sciences, 2000, 23, 783-784.	0.7	6
62	A phase transition between localist and distributed representation. Behavioral and Brain Sciences, 2000, 23, 486-486.	0.7	1
63	Using structural equation modeling to fit models incorporating principal components. Structural Equation Modeling, 1999, 6, 233-261.	3.8	18
64	Comment on fitting MA time series by structural equation models. Psychometrika, 1999, 64, 91-94.	2.1	9
65	Numerical bifurcation analysis of distance-dependent on-center off-surround shunting neural networks. Biological Cybernetics, 1996, 75, 495-507.	1.3	39
66	How to decide whether a neural representation is a cognitive concept?. Behavioral and Brain Sciences, 1995, 18, 641-642.	0.7	0
67	Heart rate and sustained attention during childhood: Age changes in anticipatory heart rate, primary bradycardia, and respiratory sinus arrhythmia. Psychophysiology, 1994, 31, 164-174.	2.4	40
68	A third source of developmental differences. Behavior Genetics, 1993, 23, 519-524.	2.1	163
69	Decomposition of multivariate phenotypic means in multigroup genetic covariance structure analysis. Behavior Genetics, 1992, 22, 319-335.	2.1	19
70	Dynamic factor analysis of nonstationary multivariate time series. Psychometrika, 1992, 57, 333-349.	2.1	96
71	Implications for behavior genetics research: No shared environment left?. Behavioral and Brain Sciences, 1991, 14, 389-389.	0.7	0
72	A comparison of four methods of calculating standard errors of maximum-likelihood estimates in the analysis of covariance structure. British Journal of Mathematical and Statistical Psychology, 1991, 44, 359-368.	1.4	25

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73	The genetic analysis of repeated measures. II the Karhunen-Loï¿½ve expansion. Behavior Genetics, 1987, 17, 229-242.	2.1	9
74	The genetic analysis of repeated measures. I. Simplex models. Behavior Genetics, 1987, 17, 111-123.	2.1	119
75	Application of nonlinear factor analysis to genotype-environment interaction. Behavior Genetics, 1987, 17, 71-80.	2.1	26
76	A dynamic factor model for the analysis of multivariate time series. Psychometrika, 1985, 50, 181-202.	2.1	372
77	Longitudinal Analysis. , 0, , 143-167.		14