Peter C M Molenaar

List of Publications by Year
in descending order

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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	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
2	A dynamic factor model for the analysis of multivariate time series. Psychometrika, 1985, 50, 181-202.	2.1	372
3	Group search algorithm recovers effective connectivity maps for individuals in homogeneous and heterogeneous samples. NeuroImage, 2012, 63, 310-319.	4.2	312
4	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
5	Statistical Modeling of the Individual: Rationale and Application of Multivariate Stationary Time Series Analysis. Multivariate Behavioral Research, 2005, 40, 207-233.	3.1	174
6	A third source of developmental differences. Behavior Genetics, 1993, 23, 519-524.	2.1	163
7	Bridging the Nomothetic and Idiographic Approaches to the Analysis of Clinical Data. Assessment, 2016, 23, 447-458.	3.1	154
8	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
9	The genetic analysis of repeated measures. I. Simplex models. Behavior Genetics, 1987, 17, 111-123.	2.1	119
10	The Relationship Between the Structure of Interindividual and Intraindividual Variability: A Theoretical and Empirical Vindication of Developmental Systems Theory. , 2003, , 339-360.		116
11	Analyzing developmental processes on an individual level using nonstationary time series modeling.. Developmental Psychology, 2009, 45, 260-271.	1.6	115
12	Extended unified SEM approach for modeling event-related fMRI data. NeuroImage, 2011, 54, 1151-1158.	4.2	113
13	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
14	Organizing Heterogeneous Samples Using Community Detection of GIMME-Derived Resting State Functional Networks. PLoS ONE, 2014, 9, e91322.	2.5	98
15	Dynamic factor analysis of nonstationary multivariate time series. Psychometrika, 1992, 57, 333-349.	2.1	96
16	Some Behaviorial Science Measurement Concerns and Proposals. Multivariate Behavioral Research, 2016, 51, 396-412.	3.1	90
17	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
18	Issues in intraindividual variability: Individual differences in equilibria and dynamics over multiple time scales.. Psychology and Aging, 2009, 24, 858-862.	1.6	66

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19	The Recoverability of P-technique Factor Analysis. Multivariate Behavioral Research, 2009, 44, 130-141.	3.1	55
20	On the necessity to use person-specific data analysis approaches in psychology. European Journal of Developmental Psychology, 2013, 10, 29-39.	1.8	55
21	Merging the Idiographic Filter With Dynamic Factor Analysis to Model Process. Applied Developmental Science, 2012, 16, 210-219.	1.7	51
22	Models of Postural Control: Shared Variance in Joint and COM Motions. PLoS ONE, 2015, 10, e0126379.	2.5	49
23	Confidence intervals for hidden Markov model parameters. British Journal of Mathematical and Statistical Psychology, 2000, 53, 317-327.	1.4	46
24	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
25	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
26	Numerical bifurcation analysis of distance-dependent on-center off-surround shunting neural networks. Biological Cybernetics, 1996, 75, 495-507.	1.3	39
27	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
28	On the relation between person-oriented and subject-specific approaches. Journal for Person-Oriented Research, 2015, 1, 34-41.	0.4	35
29	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
30	Dealing with Multiple Solutions in Structural Vector Autoregressive Models. Multivariate Behavioral Research, 2016, 51, 357-373.	3.1	31
31	The Effect of Individual Differences in Factor Loadings on the Standard Factor Model. Multivariate Behavioral Research, 2007, 42, 435-456.	3.1	29
32	Visual information and multi-joint coordination patterns in one-leg stance. Gait and Posture, 2014, 39, 909-914.	1.4	27
33	Application of nonlinear factor analysis to genotype-environment interaction. Behavior Genetics, 1987, 17, 71-80.	2.1	26
34	Testing all six person-oriented principles in dynamic factor analysis. Development and Psychopathology, 2010, 22, 255-259.	2.3	26
35	Greater <scp>BOLD</scp> activity but more efficient connectivity is associated with better cognitive performance within a sample of nicotineâ€deprived smokers. Addiction Biology, 2014, 19, 931-940.	2.6	26
36	Granger Causality Testing with Intensive Longitudinal Data. Prevention Science, 2019, 20, 442-451.	2.6	26

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37	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
38	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
39	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
40	Testing for Granger Causality in the Frequency Domain: A Phase Resampling Method. Multivariate Behavioral Research, 2016, 51, 53-66.	3.1	24
41	Latent variable models are network models. Behavioral and Brain Sciences, 2010, 33, 166-166.	0.7	23
42	Estimation of Subject-Specific Heritabilities From Intra-Individual Variation: iFACE. Twin Research and Human Genetics, 2012, 15, 393-400.	0.6	20
43	State space modeling of time-varying contemporaneous and lagged relations in connectivity maps. NeuroImage, 2016, 125, 791-802.	4.2	20
44	Decomposition of multivariate phenotypic means in multigroup genetic covariance structure analysis. Behavior Genetics, 1992, 22, 319-335.	2.1	19
45	Using structural equation modeling to fit models incorporating principal components. Structural Equation Modeling, 1999, 6, 233-261.	3.8	18
46	Dynamic Factor Analysis: Modeling Person-Specific Process. , 2013, , .		18
47	A posteriori model validation for the temporal order of directed functional connectivity maps. Frontiers in Neuroscience, 2015, 9, 304.	2.8	18
48	Rotation in the dynamic factor modeling of multivariate stationary time series. Psychometrika, 2001, 66, 99-107.	2.1	17
49	Optimal measurement conditions for spatiotemporal eeg/meg source analysis. Psychometrika, 2002, 67, 299-313.	2.1	16
50	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
51	Equivalent Dynamic Models. Multivariate Behavioral Research, 2017, 52, 242-258.	3.1	16
52	Individual Day-to-Day Process of Social Anxiety in Vulnerable College Students. Applied Developmental Science, 2016, 20, 1-15.	1.7	15
53	Longitudinal Analysis. , 0, , 143-167.		14
54	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

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55	The utility of person-specific analyses for investigating developmental processes. International Journal of Behavioral Development, 2013, 37, 549-562.	2.4	10
56	The Impact of Variation in Twin Relatedness on Estimates of Heritability and Environmental Influences. Behavior Genetics, 2018, 48, 44-54.	2.1	10
57	The genetic analysis of repeated measures. II the Karhunen-Loï¿½ve expansion. Behavior Genetics, 1987, 17, 229-242.	2.1	9
58	Comment on fitting MA time series by structural equation models. Psychometrika, 1999, 64, 91-94.	2.1	9
59	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
60	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
61	Neural constructivism or self-organization?. Behavioral and Brain Sciences, 2000, 23, 783-784.	0.7	6
62	The Houdini Transformation: True, but Illusory. Multivariate Behavioral Research, 2012, 47, 442-447.	3.1	5
63	Commentary on â€œIdiographic Filters for Psychological Constructsâ€. Measurement, 2009, 7, 13-16.	0.2	4
64	Determining the number of factors in P-technique factor analysis. Applied Developmental Science, 2017, 21, 94-105.	1.7	4
65	Evolutionary theory and the social sciences. Behavioral and Brain Sciences, 2007, 30, 20-21.	0.7	3
66	New methods for sequential behavior analysis.. , 2013, , 267-280.		3
67	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
68	Modeling the Individual. , 2020, , 327-336.		3
69	Estimating the actual subject-specific genetic correlations in behavior genetics. Behavioral and Brain Sciences, 2012, 35, 373-374.	0.7	2
70	A phase transition between localist and distributed representation. Behavioral and Brain Sciences, 2000, 23, 486-486.	0.7	1
71	Psychophysical dualism from the point of view of a working psychologist. Erkenntnis, 2006, 65, 47-69.	0.9	1
72	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

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73	A Rejoinder. Multivariate Behavioral Research, 2016, 51, 428-431.	3.1	1
74	A Square-Root Second-Order Extended Kalman Filtering Approach for Estimating Smoothly Time-Varying Parameters. Multivariate Behavioral Research, 2020, , 1-19.	3.1	1
75	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
76	Implications for behavior genetics research: No shared environment left?. Behavioral and Brain Sciences, 1991, 14, 389-389.	0.7	0
77	How to decide whether a neural representation is a cognitive concept?. Behavioral and Brain Sciences, 1995, 18, 641-642.	0.7	0