

# Florian Schmiedek

## List of Publications by Year in descending order

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Version: 2024-02-01

101  
papers

5,978  
citations

101384

36  
h-index

79541

73  
g-index

124  
all docs

124  
docs citations

124  
times ranked

6187  
citing authors

#	ARTICLE	IF	CITATIONS
1	A theoretical framework for the study of adult cognitive plasticity.. Psychological Bulletin, 2010, 136, 659-676.	5.5	593
2	Dual-tasking postural control: Aging and the effects of cognitive demand in conjunction with focus of attention. Brain Research Bulletin, 2006, 69, 294-305.	1.4	485
3	Individual differences in components of reaction time distributions and their relations to working memory and intelligence.. Journal of Experimental Psychology: General, 2007, 136, 414-429.	1.5	403
4	Working memory plasticity in old age: Practice gain, transfer, and maintenance.. Psychology and Aging, 2008, 23, 731-742.	1.4	304
5	Hundred days of cognitive training enhance broad cognitive abilities in adulthood: findings from the COGITO study. Frontiers in Aging Neuroscience, 2010, 2, .	1.7	281
6	Experience-dependent plasticity of white-matter microstructure extends into old age. Neuropsychologia, 2010, 48, 3878-3883.	0.7	212
7	Complex span versus updating tasks of working memory: The gap is not that deep.. Journal of Experimental Psychology: Learning Memory and Cognition, 2009, 35, 1089-1096.	0.7	198
8	Individual alpha peak frequency is related to latent factors of general cognitive abilities. NeuroImage, 2013, 79, 10-18.	2.1	149
9	Daily variability in working memory is coupled with negative affect: The role of attention and motivation.. Emotion, 2012, 12, 605-617.	1.5	144
10	Cognitive plasticity in adulthood and old age: Gauging the generality of cognitive intervention effects. Restorative Neurology and Neuroscience, 2009, 27, 435-453.	0.4	142
11	Toward a Unified Framework for the Study of Between-Person and Within-Person Structures: Building a Bridge Between Two Research Paradigms. Multivariate Behavioral Research, 2014, 49, 193-213.	1.8	136
12	Characterizing lifespan development of three aspects of coherence in life narratives: A cohort-sequential study.. Developmental Psychology, 2015, 51, 260-275.	1.2	124
13	On the validity and generality of transfer effects in cognitive training research. Psychological Research, 2014, 78, 773-789.	1.0	123
14	On the relation of mean reaction time and intraindividual reaction time variability.. Psychology and Aging, 2009, 24, 841-857.	1.4	106
15	Aging and Attenuated Processing Robustness. Gerontology, 2004, 50, 28-34.	1.4	98
16	A task is a task is a task: putting complex span, n-back, and other working memory indicators in psychometric context. Frontiers in Psychology, 2014, 5, 1475.	1.1	90
17	Life contexts make a difference: Emotional stability in younger and older adults.. Psychology and Aging, 2013, 28, 148-159.	1.4	82
18	Differences in the Betweenâ€“Person and Withinâ€“Person Structures of Affect Are A Matter of Degree. European Journal of Personality, 2015, 29, 55-71.	1.9	82

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19	Cognitive benefits of last night's sleep: daily variations in children's sleep behavior are related to working memory fluctuations. <i>Journal of Child Psychology and Psychiatry and Allied Disciplines</i> , 2015, 56, 171-182.	3.1	81
20	Interference and facilitation in spatial working memory: Age-associated differences in lure effects in the n-back paradigm.. <i>Psychology and Aging</i> , 2009, 24, 203-210.	1.4	80
21	Emotional inertia contributes to depressive symptoms beyond perseverative thinking. <i>Cognition and Emotion</i> , 2015, 29, 527-538.	1.2	75
22	On the specificity of face cognition compared with general cognitive functioning across adult age.. <i>Psychology and Aging</i> , 2011, 26, 701-715.	1.4	74
23	Daily fluctuations in positive affect positively co-vary with working memory performance.. <i>Emotion</i> , 2014, 14, 1-6.	1.5	71
24	Attitudes toward younger and older adults: The German Aging Semantic Differential. <i>International Journal of Behavioral Development</i> , 2010, 34, 147-158.	1.3	68
25	The dynamics of change in striatal activity following updating training. <i>Human Brain Mapping</i> , 2013, 34, 1530-1541.	1.9	66
26	Normal aging dampens the link between intrusive thoughts and negative affect in reaction to daily stressors.. <i>Psychology and Aging</i> , 2011, 26, 488-502.	1.4	64
27	Toward an Alternative Representation for Disentangling Age-Associated Differences in General and Specific Cognitive Abilities.. <i>Psychology and Aging</i> , 2004, 19, 40-56.	1.4	63
28	Is seeking bad mood cognitively demanding? Contra-hedonic orientation and working-memory capacity in everyday life.. <i>Emotion</i> , 2011, 11, 656-665.	1.5	56
29	The measurement of within-person affect variation.. <i>Emotion</i> , 2020, 20, 677-699.	1.5	54
30	Does variability in cognitive performance correlate with frontal brain volume?. <i>NeuroImage</i> , 2013, 64, 209-215.	2.1	53
31	Developing Personalized Education: A Dynamic Framework. <i>Educational Psychology Review</i> , 2021, 33, 863-882.	5.1	53
32	Adult Age Differences in Covariation of Motivation and Working Memory Performance: Contrasting Between-Person and Within-Person Findings. <i>Research in Human Development</i> , 2010, 7, 61-78.	0.8	52
33	Keeping It Steady. <i>Psychological Science</i> , 2013, 24, 1747-1754.	1.8	44
34	Outside of the laboratory: Associations of working-memory performance with psychological and physiological arousal vary with age.. <i>Psychology and Aging</i> , 2014, 29, 103-114.	1.4	44
35	A Little Autonomy Support Goes a Long Way: Daily Autonomy's Supportive Parenting, Child Well-Being, Parental Need Fulfillment, and Change in Child, Family, and Parent Adjustment Across the Adaptation to the COVID-19 Pandemic. <i>Child Development</i> , 2021, 92, 1679-1697.	1.7	44
36	Brain Areas Consistently Linked to Individual Differences in Perceptual Decision-making in Younger as well as Older Adults before and after Training. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2147-2158.	1.1	42

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37	Differential brain shrinkage over 6months shows limited association with cognitive practice. <i>Brain and Cognition</i> , 2013, 82, 171-180.	0.8	42
38	Fluctuations in elementary school children's working memory performance in the school context.. <i>Journal of Educational Psychology</i> , 2016, 108, 722-739.	2.1	39
39	Age Is Not Necessarily Aging: Another Step towards Understanding the "Clocks" That Time Aging. <i>Gerontology</i> , 2002, 48, 5-12.	1.4	37
40	Affective states contribute to trait reports of affective well-being.. <i>Emotion</i> , 2013, 13, 940-948.	1.5	35
41	On the estimation of brain signal entropy from sparse neuroimaging data. <i>Scientific Reports</i> , 2016, 6, 23073.	1.6	35
42	Change in mental health symptoms during the COVID-19 pandemic: The role of appraisals and daily life experiences. <i>Journal of Personality</i> , 2021, 89, 468-482.	1.8	35
43	With a Little Help from My Spouse: Does Spousal Collaboration Compensate for the Effects of Cognitive Aging?. <i>Gerontology</i> , 2011, 57, 161-166.	1.4	34
44	Analyzing the developmental relation of academic self-concept and achievement in elementary school children: Alternative models point to different results.. <i>Developmental Psychology</i> , 2019, 55, 2336-2351.	1.2	34
45	Younger adults show long-term effects of cognitive training on broad cognitive abilities over 2 years.. <i>Developmental Psychology</i> , 2014, 50, 2304-2310.	1.2	33
46	Lower baseline performance but greater plasticity of working memory for carriers of the val allele of the COMT Val <sup>158</sup> Met polymorphism.. <i>Neuropsychology</i> , 2015, 29, 247-254.	1.0	33
47	Emotions and physical health in the second half of life: Interindividual differences in age-related trajectories and dynamic associations according to socioeconomic status.. <i>Psychology and Aging</i> , 2012, 27, 338-352.	1.4	30
48	Experiments in the Wild: Introducing the Within-Person Encouragement Design. <i>Multivariate Behavioral Research</i> , 2020, 55, 256-276.	1.8	30
49	Dyadic drumming across the lifespan reveals a zone of proximal development in children.. <i>Developmental Psychology</i> , 2011, 47, 632-644.	1.2	29
50	Coordinated within-Trial Dynamics of Low-Frequency Neural Rhythms Controls Evidence Accumulation. <i>Journal of Neuroscience</i> , 2014, 34, 8519-8528.	1.7	29
51	How differentiated do children experience affect? An investigation of the within- and between-person structure of children's affect.. <i>Psychological Assessment</i> , 2016, 28, 575-585.	1.2	27
52	Distance learning, parent-child interactions, and affective well-being of parents and children during the COVID-19 pandemic: A daily diary study.. <i>Developmental Psychology</i> , 2021, 57, 1719-1734.	1.2	27
53	The interplay between sleep behavior and affect in elementary school children's daily life. <i>Journal of Experimental Child Psychology</i> , 2016, 150, 1-15.	0.7	23
54	Homeschooling during the SARS-CoV-2 pandemic: the role of students' trait self-regulation and task attributes of daily learning tasks for students' daily self-regulation. <i>Zeitschrift Fur Erziehungswissenschaft</i> , 2021, 24, 367-391.	3.5	23

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55	Long-term Effects of an Extensive Cognitive Training on Personality Development. <i>Journal of Personality</i> , 2017, 85, 454-463.	1.8	22
56	The bright and the dark side of peer relationships: Differential effects of relatedness satisfaction and frustration at school on affective well-being in children's daily lives.. <i>Developmental Psychology</i> , 2020, 56, 1532-1546.	1.2	21
57	Foreign language learning in older age does not improve memory or intelligence: Evidence from a randomized controlled study.. <i>Psychology and Aging</i> , 2020, 35, 212-219.	1.4	21
58	The neural representation of intrusive thoughts. <i>Social Cognitive and Affective Neuroscience</i> , 2013, 8, 688-693.	1.5	20
59	Health is health is health? Age differences in intraindividual variability and in within-person versus between-person factor structures of self-reported health complaints.. <i>Psychology and Aging</i> , 2012, 27, 881-891.	1.4	19
60	Memory updating practice across 100 days in the COGITO study.. <i>Psychology and Aging</i> , 2012, 27, 451-461.	1.4	19
61	The Center for Lifespan Psychology at the Max Planck Institute for Human Development: Overview of conceptual agenda and illustration of research activities. <i>International Journal of Psychology</i> , 2007, 42, 229-242.	1.7	18
62	Age-related differences in temporal and spatial dimensions of episodic memory performance before and after hundred days of practice.. <i>Psychology and Aging</i> , 2013, 28, 467-480.	1.4	18
63	Lifetime and current depression in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 865-880.	1.3	18
64	The association of ADHD symptoms and reading acquisition during elementary school years.. <i>Developmental Psychology</i> , 2016, 52, 1445-1456.	1.2	17
65	Capturing Affective Well-Being in Daily Life with the Day Reconstruction Method: A Refined View on Positive and Negative Affect. <i>Journal of Happiness Studies</i> , 2019, 20, 641-663.	1.9	17
66	Physical activity and affect in elementary school children's daily lives. <i>Frontiers in Psychology</i> , 2013, 4, 456.	1.1	16
67	The importance of peer relatedness at school for affective well-being in children: Between- and within-person associations. <i>Social Development</i> , 2019, 28, 873-892.	0.8	15
68	Momentary working memory performance is coupled with different dimensions of affect for different children: A mixture model analysis of ambulatory assessment data.. <i>Developmental Psychology</i> , 2019, 55, 754-766.	1.2	15
69	Vampires and nurses are rated differently by younger and older adults' Age-comparative norms of imageability and emotionality for about 2500 German nouns. <i>Behavior Research Methods</i> , 2020, 52, 980-989.	2.3	14
70	Age differences in coupling of intraindividual variability in mnemonic strategies and practice-related associative recall improvements.. <i>Psychology and Aging</i> , 2017, 32, 557-571.	1.4	13
71	Within-person structures of daily cognitive performance differ from between-person structures of cognitive abilities. <i>PeerJ</i> , 2020, 8, e9290.	0.9	13
72	Capturing Context-Related Change in Emotional Dynamics via Fixed Moderated Time Series Analysis. <i>Multivariate Behavioral Research</i> , 2017, 52, 499-531.	1.8	12

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73	Cognitive control moderates parenting stress effects on children's diurnal cortisol. <i>PLoS ONE</i> , 2018, 13, e0191215.	1.1	12
74	Studying Within-Person Variation and Within-Person Couplings in Intensive Longitudinal Data: Lessons Learned and to Be Learned. <i>Gerontology</i> , 2020, 66, 332-339.	1.4	12
75	Only some attempts at meaning making are successful: The role of change-relatedness and positive implications for the self. <i>Journal of Personality</i> , 2021, 89, 175-187.	1.8	11
76	Dynamic relations among COVID-19-related media exposure and worries during the COVID-19 pandemic. <i>Psychology and Health</i> , 2022, 37, 933-947.	1.2	11
77	Variability in Children's Working Memory Is Coupled With Perceived Disturbance: An Ambulatory Assessment Study in the School and Out-of-School Context. <i>Research in Human Development</i> , 2017, 14, 200-218.	0.8	10
78	Paper-Based Assessment of the Effects of Aging on Response Time: A Diffusion Model Analysis. <i>Journal of Intelligence</i> , 2017, 5, 12.	1.3	10
79	Do Higher Educated People Feel Better in Everyday Life? Insights From a Day Reconstruction Method Study. <i>Social Indicators Research</i> , 2021, 153, 227-250.	1.4	10
80	The assessment of childhood maltreatment and its associations with affective symptoms in adulthood: Results of the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2023, 24, 897-908.	1.3	10
81	Is Available Support Always Helpful for Older Adults? Exploring the Buffering Effects of State and Trait Social Support. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2016, 71, 23-34.	2.4	8
82	Self-regulation prompts promote the achievement of learning goals – But only briefly: Uncovering hidden dynamics in the effects of a psychological intervention. <i>Learning and Instruction</i> , 2022, 80, 101560.	1.9	8
83	The assessment of cognitive function in the German National Cohort (NAKO) – Associations of demographics and psychiatric symptoms with cognitive test performance. <i>World Journal of Biological Psychiatry</i> , 2022, , 1-15.	1.3	8
84	Integrating state dynamics and trait change: A tutorial using the example of stress reactivity and change in well-being. <i>European Journal of Personality</i> , 2022, 36, 180-199.	1.9	7
85	Generalized Anxiety and Panic Symptoms in the German National Cohort (NAKO). <i>World Journal of Biological Psychiatry</i> , 2021, , 1-37.	1.3	7
86	Day-to-day variation in students' academic success: The role of self-regulation, working memory, and achievement goals. <i>Developmental Science</i> , 2022, 25, .	1.3	7
87	Age differences in processing fluctuations in postural control across trials and across days.. <i>Psychology and Aging</i> , 2011, 26, 731-737.	1.4	6
88	Variability in the Precision of Children's Spatial Working Memory. <i>Journal of Intelligence</i> , 2018, 6, 8.	1.3	6
89	The importance of the ventromedial prefrontal cortex for associative memory in older adults: A latent structural equation analysis. <i>NeuroImage</i> , 2020, 209, 116475.	2.1	6
90	Dynamic reciprocal relations of achievement goals with daily experiences of academic success and failure: An ambulatory assessment study. <i>Learning and Instruction</i> , 2022, 81, 101617.	1.9	6

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91	Stressor anticipation and subsequent affective well-being: A link potentially explained by perseverative cognitions.. <i>Emotion</i> , 2022, 22, 1787-1800.	1.5	5
92	Active Time Use and Well-Being in Older Adulthood: Results From a Day Reconstruction Method Study. <i>Work, Aging and Retirement</i> , 2023, 9, 7-18.	1.4	5
93	General cognitive ability assessment in the German National Cohort (NAKO) â€“ The block-adaptive number series task. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 924-935.	1.3	5
94	Ergodic Subspace Analysis. <i>Journal of Intelligence</i> , 2020, 8, 3.	1.3	3
95	Perspectives on resilience: Trait resilience, correlates of resilience in daily life, and longerâ€term change in affective distress. <i>Stress and Health</i> , 2023, 39, 59-73.	1.4	3
96	Evaluating sociometer theory in childrenâ€™s everyday lives: Inclusion, but not exclusion by peers at school is related to within-day change in self-esteem. <i>European Journal of Personality</i> , 2021, 35, 736-753.	1.9	2
97	Health sensitivity in the daily lives of younger and older adults: correlates and longer-term change in health. <i>Aging and Mental Health</i> , 2022, 26, 1261-1269.	1.5	2
98	Between-person and within-person associations of sleep and working-memory in the everyday lives of old and very old adults: initial level, learning, and variability. <i>Sleep</i> , 2022, 45, .	0.6	2
99	Genetic associations with learning over 100 days of practice. <i>Npj Science of Learning</i> , 2022, 7, 7.	1.5	2
100	Der wechselseitige Einfluss von Selbstkonzept und Leistung bei Grundschulkindern im Lichte verschiedener lAngsschnittlicher Analysemethoden. <i>Zeitschrift Fur Padagogische Psychologie</i> , 0, , 1-10.	1.2	1
101	The Effectiveness of A Slow-Paced Diaphragmatic Breathing Exercise in Childrenâ€™s Daily Life: A Micro-Randomized Trial. <i>Journal of Clinical Child and Adolescent Psychology</i> , 2023, 52, 797-810.	2.2	1