

Daniel Smilek

List of Publications by Year in descending order

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Version: 2024-02-01

148
papers

10,416
citations

34105

52
h-index

36028

97
g-index

148
all docs

148
docs citations

148
times ranked

5758
citing authors

#	ARTICLE	IF	CITATIONS
1	The Unengaged Mind. <i>Perspectives on Psychological Science</i> , 2012, 7, 482-495.	9.0	596
2	Differential attentional guidance by unattended faces expressing positive and negative emotion. <i>Perception & Psychophysics</i> , 2001, 63, 1004-1013.	2.3	550
3	Perception without awareness: perspectives from cognitive psychology. <i>Cognition</i> , 2001, 79, 115-134.	2.2	466
4	Absent-mindedness: Lapses of conscious awareness and everyday cognitive failures. <i>Consciousness and Cognition</i> , 2006, 15, 578-592.	1.5	327
5	Mind-Wandering With and Without Intention. <i>Trends in Cognitive Sciences</i> , 2016, 20, 605-617.	7.8	282
6	Anatomy of an error: A bidirectional state model of task engagement/disengagement and attention-related errors. <i>Cognition</i> , 2009, 111, 98-113.	2.2	268
7	Not all synaesthetes are created equal: Projector versus associator synaesthetes. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2004, 4, 335-343.	2.0	267
8	A Resource-Control Account of Sustained Attention. <i>Perspectives on Psychological Science</i> , 2015, 10, 82-96.	9.0	262
9	Visual search for faces with emotional expressions.. <i>Psychological Bulletin</i> , 2008, 134, 662-676.	6.1	261
10	Wandering in both mind and body: Individual differences in mind wandering and inattention predict fidgeting.. <i>Canadian Journal of Experimental Psychology</i> , 2013, 67, 19-31.	0.8	236
11	Everyday attention lapses and memory failures: The affective consequences of mindlessness. <i>Consciousness and Cognition</i> , 2008, 17, 835-847.	1.5	234
12	Mind-Wandering as a Natural Kind: A Family-Resemblances View. <i>Trends in Cognitive Sciences</i> , 2018, 22, 479-490.	7.8	233
13	On the Necessity of Distinguishing Between Unintentional and Intentional Mind Wandering. <i>Psychological Science</i> , 2016, 27, 685-691.	3.3	225
14	Cognitive Ethology: A new approach for studying human cognition. <i>British Journal of Psychology</i> , 2008, 99, 317-340.	2.3	218
15	Negative facial expression captures attention and disrupts performance. <i>Perception & Psychophysics</i> , 2003, 65, 352-358.	2.3	213
16	Out of Mind, Out of Sight. <i>Psychological Science</i> , 2010, 21, 786-789.	3.3	206
17	Attention, Researchers! It Is Time to Take a Look at the Real World. <i>Current Directions in Psychological Science</i> , 2003, 12, 176-180.	5.3	199
18	Five plus two equals yellow. <i>Nature</i> , 2000, 406, 365-365.	27.8	194

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19	Emotional Valence and Arousal Interact in Attentional Control. <i>Psychological Science</i> , 2008, 19, 290-295.	3.3	188
20	Synaesthetic Photisms Influence Visual Perception. <i>Journal of Cognitive Neuroscience</i> , 2001, 13, 930-936.	2.3	171
21	On the relation of mind wandering and ADHD symptomatology. <i>Psychonomic Bulletin and Review</i> , 2015, 22, 629-636.	2.8	169
22	Not all mind wandering is created equal: dissociating deliberate from spontaneous mind wandering. <i>Psychological Research</i> , 2015, 79, 750-758.	1.7	169
23	Wandering minds and wavering rhythms: Linking mind wandering and behavioral variability.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 1-5.	0.9	151
24	Failures of sustained attention in life, lab, and brain: Ecological validity of the SART. <i>Neuropsychologia</i> , 2010, 48, 2564-2570.	1.6	140
25	Relax! Cognitive strategy influences visual search. <i>Visual Cognition</i> , 2006, 14, 543-564.	1.6	114
26	Media multitasking and failures of attention in everyday life. <i>Psychological Research</i> , 2014, 78, 661-669.	1.7	114
27	Synesthetic Color Experiences Influence Memory. <i>Psychological Science</i> , 2002, 13, 548-552.	3.3	113
28	Motivation, intentionality, and mind wandering: Implications for assessments of task-unrelated thought.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2015, 41, 1417-1425.	0.9	108
29	How few and far between? Examining the effects of probe rate on self-reported mind wandering. <i>Frontiers in Psychology</i> , 2013, 4, 430.	2.1	103
30	Cognitive Ethology and exploring attention in real-world scenes. <i>Brain Research</i> , 2006, 1080, 101-119.	2.2	101
31	Age trends for failures of sustained attention.. <i>Psychology and Aging</i> , 2010, 25, 569-574.	1.6	99
32	On the link between mind wandering and task performance over time. <i>Consciousness and Cognition</i> , 2014, 27, 14-26.	1.5	99
33	The Role of Meaning in Grapheme-Colour Synaesthesia. <i>Cortex</i> , 2006, 42, 243-252.	2.4	97
34	On the relation between motivation and retention in educational contexts: The role of intentional and unintentional mind wandering. <i>Psychonomic Bulletin and Review</i> , 2016, 23, 1280-1287.	2.8	92
35	Mind wandering during lectures II: Relation to academic performance.. <i>Scholarship of Teaching and Learning in Psychology</i> , 2016, 2, 33-48.	1.4	87
36	Ovals of time: Time-space associations in synaesthesia. <i>Consciousness and Cognition</i> , 2007, 16, 507-519.	1.5	84

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37	The effects of trait and state anxiety on attention to emotional images: An eye-tracking study. <i>Cognition and Emotion</i> , 2012, 26, 1390-1411.	2.0	69
38	Attention failures versus misplaced diligence: Separating attention lapses from speed-accuracy trade-offs. <i>Consciousness and Cognition</i> , 2012, 21, 277-291.	1.5	69
39	Disengagement during lectures: Media multitasking and mind wandering in university classrooms. <i>Computers and Education</i> , 2019, 132, 76-89.	8.3	69
40	Intrusive thoughts: linking spontaneous mind wandering and OCD symptomatology. <i>Psychological Research</i> , 2017, 81, 392-398.	1.7	68
41	Restless mind, restless body.. <i>Journal of Experimental Psychology: Learning Memory and Cognition</i> , 2014, 40, 660-668.	0.9	67
42	How pervasive is mind wandering, really?.. <i>Consciousness and Cognition</i> , 2018, 66, 74-78.	1.5	67
43	Inhibition of return in response to gaze cues: The roles of time course and fixation cue. <i>Visual Cognition</i> , 2007, 15, 881-895.	1.6	65
44	Instructor presence effect: Liking does not always lead to learning. <i>Computers and Education</i> , 2018, 122, 205-220.	8.3	65
45	A critical examination of the evidence for sensitivity loss in modern vigilance tasks.. <i>Psychological Review</i> , 2016, 123, 70-83.	3.8	63
46	Seeing double: The role of meaning in alphanumeric-colour synaesthesia. <i>Brain and Cognition</i> , 2003, 53, 342-345.	1.8	62
47	When "is a Jerk and "is a King: Personifying Inanimate Objects in Synesthesia. <i>Journal of Cognitive Neuroscience</i> , 2007, 19, 981-992.	2.3	62
48	The Importance of Individual Differences in Grapheme-Color Synesthesia. <i>Neuron</i> , 2005, 45, 821-823.	8.1	61
49	Mindfulness and mind wandering: The protective effects of brief meditation in anxious individuals. <i>Consciousness and Cognition</i> , 2017, 51, 157-165.	1.5	61
50	Does unattended information facilitate change detection?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 480-487.	0.9	60
51	Functional consequences of perceiving facial expressions of emotion without awareness. <i>Consciousness and Cognition</i> , 2005, 14, 565-584.	1.5	60
52	Media multitasking and behavioral measures of sustained attention. <i>Attention, Perception, and Psychophysics</i> , 2015, 77, 390-401.	1.3	57
53	Assessing the associations among trait and state levels of deliberate and spontaneous mind wandering. <i>Consciousness and Cognition</i> , 2016, 41, 50-56.	1.5	56
54	In pursuit of off-task thought: mind wandering-performance trade-offs while reading aloud and color naming. <i>Frontiers in Psychology</i> , 2013, 4, 360.	2.1	52

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55	Increasing participant motivation reduces rates of intentional and unintentional mind wandering. <i>Psychological Research</i> , 2019, 83, 1057-1069.	1.7	49
56	A different outlook on time: Visual and auditory month names elicit different mental vantage points for a time-space synaesthete. <i>Cortex</i> , 2009, 45, 1217-1228.	2.4	48
57	Enhancing SART Validity by Statistically Controlling Speed-Accuracy Trade-Offs. <i>Frontiers in Psychology</i> , 2013, 4, 265.	2.1	48
58	Synaesthetic photisms guide attention. <i>Brain and Cognition</i> , 2003, 53, 364-367.	1.8	46
59	Grapheme Frequency and Color Luminance in Grapheme-Color Synaesthesia. <i>Psychological Science</i> , 2007, 18, 793-795.	3.3	46
60	The ups and downs (and lefts and rights) of synaesthetic number forms: Validation from spatial cueing and SNARC-type tasks. <i>Cortex</i> , 2009, 45, 1190-1199.	2.4	46
61	What did you have in mind? Examining the content of intentional and unintentional types of mind wandering. <i>Consciousness and Cognition</i> , 2017, 51, 149-156.	1.5	46
62	Absent minds and absent agents: Attention-lapse induced alienation of agency. <i>Consciousness and Cognition</i> , 2009, 18, 481-493.	1.5	45
63	Distinguishing the roles of trait and state anxiety on the nature of anxiety-related attentional biases to threat using a free viewing eye movement paradigm. <i>Cognition and Emotion</i> , 2015, 29, 504-526.	2.0	45
64	Cognitive aging and the distinction between intentional and unintentional mind wandering.. <i>Psychology and Aging</i> , 2017, 32, 315-324.	1.6	45
65	Intentionality and meta-awareness of mind wandering: Are they one and the same, or distinct dimensions?. <i>Psychonomic Bulletin and Review</i> , 2017, 24, 1808-1818.	2.8	44
66	Revisiting the category effect: The influence of meaning and search strategy on the efficiency of visual search. <i>Brain Research</i> , 2006, 1080, 73-90.	2.2	43
67	Visual search is not blind to emotion. <i>Perception & Psychophysics</i> , 2008, 70, 1047-1059.	2.3	42
68	Consistency of sustained attention across modalities: Comparing visual and auditory versions of the SART.. <i>Canadian Journal of Experimental Psychology</i> , 2012, 66, 44-50.	0.8	41
69	The Family-Resemblances Framework for Mind-Wandering Remains Well Clad. <i>Trends in Cognitive Sciences</i> , 2018, 22, 959-961.	7.8	40
70	The role of task difficulty in theoretical accounts of mind wandering. <i>Consciousness and Cognition</i> , 2018, 65, 255-262.	1.5	39
71	The way we encounter reading material influences how frequently we mind wander. <i>Frontiers in Psychology</i> , 2013, 4, 892.	2.1	37
72	Boredom: Under-aroused and restless. <i>Consciousness and Cognition</i> , 2018, 61, 24-37.	1.5	37

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73	On the Clock: Evidence for the Rapid and Strategic Modulation of Mind Wandering. <i>Psychological Science</i> , 2018, 29, 1247-1256.	3.3	37
74	Deep, effortless concentration: re-examining the flow concept and exploring relations with inattention, absorption, and personality. <i>Psychological Research</i> , 2019, 83, 1760-1777.	1.7	37
75	Challenge and error: Critical events and attention-related errors. <i>Cognition</i> , 2011, 121, 437-446.	2.2	36
76	Individual differences in media multitasking and performance on the n-back. <i>Attention, Perception, and Psychophysics</i> , 2017, 79, 582-592.	1.3	36
77	A methodological note on evaluating performance in a sustained-attention-to-response task. <i>Behavior Research Methods</i> , 2013, 45, 355-363.	4.0	35
78	The relation between smartphone use and everyday inattention.. <i>Psychology of Consciousness: Theory Research, and Practice</i> , 2018, 5, 46-62.	0.4	35
79	Mind wandering during lectures I: Changes in rates across an entire semester.. <i>Scholarship of Teaching and Learning in Psychology</i> , 2016, 2, 13-32.	1.4	35
80	Synaesthesia: Discordant male monozygotic twins. <i>Neurocase</i> , 2005, 11, 363-370.	0.6	34
81	Can research participants comment authoritatively on the validity of their self-reports of mind wandering and task engagement?. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 703-709.	0.9	34
82	On the asymmetric effects of mind-wandering on levels of processing at encoding and retrieval. <i>Psychonomic Bulletin and Review</i> , 2014, 21, 728-733.	2.8	33
83	The Effects of Mindfulness Meditation on Attention, Executive Control and Working Memory in Healthy Adults: A Meta-analysis of Randomized Controlled Trials. <i>Cognitive Therapy and Research</i> , 2021, 45, 543-560.	1.9	33
84	Examining the Influence of Lecture Format on Degree of Mind Wandering. <i>Journal of Applied Research in Memory and Cognition</i> , 2017, 6, 174-184.	1.1	32
85	Performance reactivity in a continuous-performance task: Implications for understanding post-error behavior. <i>Consciousness and Cognition</i> , 2013, 22, 1468-1476.	1.5	27
86	Disrupting monotony while increasing demand: benefits of rest and intervening tasks on vigilance. <i>Psychological Research</i> , 2017, 81, 432-444.	1.7	27
87	Monitoring eye movements while searching for affective faces. <i>Visual Cognition</i> , 2009, 17, 318-333.	1.6	26
88	Memory load affects visual search processes without influencing search efficiency. <i>Vision Research</i> , 2011, 51, 1185-1191.	1.4	26
89	Wandering minds and wavering goals: Examining the relation between mind wandering and grit in everyday life and the classroom.. <i>Canadian Journal of Experimental Psychology</i> , 2017, 71, 120-132.	0.8	23
90	On the relation between reading difficulty and mind-wandering: a section-length account. <i>Psychological Research</i> , 2019, 83, 485-497.	1.7	22

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91	The awakening of the attention: Evidence for a link between the monitoring of mind wandering and prospective goals.. Journal of Experimental Psychology: General, 2018, 147, 431-443.	2.1	22
92	Reducing the vigilance decrement: The effects of perceptual variability. Consciousness and Cognition, 2015, 33, 386-397.	1.5	20
93	In the lab and in the wild: How distraction and mind wandering affect attention and memory. Cognitive Research: Principles and Implications, 2018, 3, 42.	2.0	20
94	Validating a visual version of the metronome response task. Behavior Research Methods, 2018, 50, 1503-1514.	4.0	19
95	Volitional media multitasking: awareness of performance costs and modulation of media multitasking as a function of task demand. Psychological Research, 2020, 84, 404-423.	1.7	19
96	What influences visual search efficiency? Disentangling contributions of preattentive and postattentive processes. Perception & Psychophysics, 2007, 69, 1105-1116.	2.3	18
97	The more your mind wanders, the smaller your attentional blink: An individual differences study. Quarterly Journal of Experimental Psychology, 2015, 68, 181-191.	1.1	17
98	Metacognitive errors in change detection: Missing the gap between lab and life. Consciousness and Cognition, 2007, 16, 52-57.	1.5	16
99	Item-specific location memory in visual search. Vision Research, 2010, 50, 2430-2438.	1.4	15
100	Mind-Wandering Across the Age Gap: Age-Related Differences in Mind-Wandering Are Partially Attributable to Age-Related Differences in Motivation. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2020, 76, 1264-1271.	3.9	15
101	Found and missed: Failing to recognize a search target despite moving it. Cognition, 2012, 123, 100-118.	2.2	14
102	9 is Always on top: Assessing the automaticity of synaesthetic number-forms. Brain and Cognition, 2011, 77, 96-105.	1.8	13
103	The Moving Window Technique: A Window Into Developmental Changes in Attention During Facial Emotion Recognition. Child Development, 2013, 84, 1407-1424.	3.0	13
104	Restoration of sustained attention following virtual nature exposure: Undeniable or unreliable?. Journal of Environmental Psychology, 2020, 71, 101488.	5.1	13
105	Dissociating the freely-moving thought dimension of mind-wandering from the intentionality and task-unrelated thought dimensions. Psychological Research, 2021, 85, 2599-2609.	1.7	12
106	TL;DR: Longer Sections of Text Increase Rates of Unintentional Mind-Wandering. Journal of Experimental Education, 2021, 89, 278-290.	2.6	11
107	Metacognition and change detection: Do lab and life really converge?. Consciousness and Cognition, 2008, 17, 1056-1061.	1.5	10
108	Graphemeâ€“Color Synesthesia Influences Overt Visual Attention. Journal of Cognitive Neuroscience, 2008, 21, 246-258.	2.3	10

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109	Does Posture Influence the Stroop Effect?. Psychological Science, 2020, 31, 1452-1460.	3.3	10
110	The relation between task-unrelated media multitasking and task-related motivation. Psychological Research, 2021, 85, 408-422.	1.7	10
111	To Group or n o t t o g r o u p. Experimental Psychology, 2010, 57, 275-291.	0.7	10
112	Do emotionally expressive faces automatically capture attention? Evidence from globalâ€œlocal interference. Visual Cognition, 2008, 16, 248-261.	1.6	9
113	Long-term conceptual implicit memory: A decade of evidence. Memory and Cognition, 2010, 38, 42-46.	1.6	9
114	The automaticity of vantage point shifts within a synaesthetesâ€™ spatial calendar. Journal of Neuropsychology, 2011, 5, 333-352.	1.4	9
115	Memory benefits during visual search depend on difficulty. Journal of Cognitive Psychology, 2012, 24, 689-702.	0.9	9
116	Sustained attention and the experience of flow. Psychological Research, 2020, 85, 2682-2696.	1.7	9
117	In Manually-Assisted Search, Perception Supervises Rather Than Directs Action. Experimental Psychology, 2013, 60, 243-254.	0.7	9
118	Using deliberate mind-wandering to escape negative mood states: Implications for gambling to escape. Journal of Behavioral Addictions, 2020, 9, 723-733.	3.7	9
119	Collaboration during visual search. Psychonomic Bulletin and Review, 2007, 14, 704-709.	2.8	8
120	Hiding and finding: The relationship between visual concealment and visual search. Attention, Perception, and Psychophysics, 2009, 71, 1793-1806.	1.3	8
121	Inharmonic music elicits more negative affect and interferes more with a concurrent cognitive task than does harmonic music. Attention, Perception, and Psychophysics, 2016, 78, 946-959.	1.3	8
122	Yearning for distraction: Evidence for a trade-off between media multitasking and mind wandering.. Canadian Journal of Experimental Psychology, 2020, 74, 56-72.	0.8	8
123	Cognitive ethology: giving real life to attention research. , 2005, , 341-358.		8
124	Boredom and Media Multitasking. Frontiers in Psychology, 2022, 13, 807667.	2.1	7
125	Examining the influence of saliency of peer-induced distractions on direction of gaze and lecture recall. Computers and Education, 2016, 99, 81-93.	8.3	6
126	The illusion of clarity: Image segmentation and edge attribution without filling-in. Visual Cognition, 2006, 14, 1-36.	1.6	5

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127	The Slip Induction Task: Creating a window into cognitive control failures. <i>Behavior Research Methods</i> , 2012, 44, 558-574.	4.0	5
128	Changing perspective: Zooming in and out during visual search.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2013, 39, 348-364.	0.9	5
129	Comparing target detection errors in visual search and manually-assisted search. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 945-958.	1.3	5
130	In the eye of the beholder: Evaluative context modulates mind-wandering. <i>Acta Psychologica</i> , 2018, 185, 172-179.	1.5	5
131	Wait for itâ€¦ performance anticipation reduces recognition memory. <i>Journal of Memory and Language</i> , 2019, 109, 104050.	2.1	5
132	Concept driven color experiences in digit-color synesthesia. <i>Brain and Cognition</i> , 2002, 48, 570-3.	1.8	5
133	Three responses to Cognitive Ethology. <i>British Journal of Psychology</i> , 2008, 99, 355-359.	2.3	4
134	Loadingâ€¦ loadingâ€¦ The influence of download time on information search. <i>PLoS ONE</i> , 2019, 14, e0226112.	2.5	4
135	Contrasting Mind-Wandering, (Dark) Flow, and Affect During Multiline and Single-Line Slot Machine Play. <i>Journal of Gambling Studies</i> , 2022, 38, 185-203.	1.6	4
136	The Sound of Inattention: Predicting Mind Wandering with Automatically Derived Features of Instructor Speech. <i>Lecture Notes in Computer Science</i> , 2020, , 204-215.	1.3	4
137	The eyes fixate the optimal viewing position of task-irrelevant words. <i>Psychonomic Bulletin and Review</i> , 2009, 16, 57-61.	2.8	3
138	Age Differences in Attention Lapses Mask Age Differences in Memory Failures: A Methodological Note on Suppression. <i>Frontiers in Psychology</i> , 2013, 4, 99.	2.1	3
139	Do you see what I hear? Vantage point preference and visual dominance in a time-space synaesthete. <i>Frontiers in Psychology</i> , 2013, 4, 695.	2.1	3
140	Running the figure to the ground: Figure-ground segmentation during visual search. <i>Vision Research</i> , 2014, 97, 65-73.	1.4	3
141	Re-examining the effect of motivation on intentional and unintentional task-unrelated thought: accounting for thought constraint produces novel results. <i>Psychological Research</i> , 2022, 86, 87-97.	1.7	2
142	The â€œColdâ€•and â€œHotâ€•Sides of Attention. , 2013, , .		1
143	Mind-Wandering in Educational Settings. , 2018, , .		1
144	It is undeniable that stimulus selection procedures limit conclusions from environmental exposure experiments: A response to Berto (2020). <i>Journal of Environmental Psychology</i> , 2020, 72, 101515.	5.1	1

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145	Avoidance of mild threat observed in generalized anxiety disorder (GAD) using eye tracking. Journal of Anxiety Disorders, 2022, 88, 102577.	3.2	1
146	“You’re on ten, where can you go from there?” Tufnel problems in repeated experiential judgments. Consciousness and Cognition, 2016, 42, 311-324.	1.5	0
147	Performance anticipation diminishes memory: Evidence from a simulated classroom.. Journal of Applied Research in Memory and Cognition, 2021, 10, 479-489.	1.1	0
148	Does framing an assignment as involving one or multiple components influence subjective experiences of attentional engagement?. Psychological Research, 2022, , 1.	1.7	0