Sidney K Dâ€™mello ™

List of Publications by Year
in descending order

52	1,782	304743	315739
papers	**citations**	22	38
		h-index	**g-index**

58	58	58	1267
all docs	**docs citations**	**times ranked**	**citing authors**

#	Article	IF	Citations
1	Automated Detection of Engagement Using Video-Based Estimation of Facial Expressions and Heart Rate. IEEE Transactions on Affective Computing, 2017, 8, 15-28.	8.3	212
2	Mind wandering while reading easy and difficult texts. Psychonomic Bulletin and Review, 2013, 20, 586-592.	2.8	189
3	Advanced, Analytic, Automated (AAA) Measurement of Engagement During Learning. Educational Psychologist, 2017, 52, 104-123.	9.0	151
4	How effective is emotional design? A meta-analysis on facial anthropomorphisms and pleasant colors during multimedia learning. Educational Research Review, 2018, 25, 100-119.	7.8	88
5	An automated behavioral measure of mind wandering during computerized reading. Behavior Research Methods, 2018, 50, 134-150.	4.0	85
6	Using Video to Automatically Detect Learner Affect in Computer-Enabled Classrooms. ACM Transactions on Interactive Intelligent Systems, 2016, 6, 1-26.	3.7	78
7	Data mining and education. Wiley Interdisciplinary Reviews: Cognitive Science, 2015, 6, 333-353.	2.8	68
8	The Tesserae Project. , 2019, , .		59
9	Interest-based text preference moderates the effect of text difficulty on engagement and learning. Contemporary Educational Psychology, 2015, 41, 98-110.	2.9	57
10	"Out of the Fr-Eye-ing Pan". , 2017, , .		44
11	Influencing the occurrence of mind wandering while reading. Consciousness and Cognition, 2015, 34, 52-62.	1.5	40
12	Language and Discourse Are Powerful Signals of Student Emotions during Tutoring. IEEE Transactions on Learning Technologies, 2012, 5, 304-317.	3.2	38
13	Gaze-based signatures of mind wandering during real-world scene processing.. Journal of Experimental Psychology: General, 2018, 147, 1111-1124.	2.1	37
14	Beyond Dyadic Coordination: Multimodal Behavioral Irregularity in Triads Predicts Facets of Collaborative Problem Solving. Cognitive Science, 2019, 43, e12787.	1.7	36
15	On the influence of re-reading on mind wandering. Quarterly Journal of Experimental Psychology, 2016, 69, 2338-2357.	1.1	34
16	A brief behavioral measure of frustration tolerance predicts academic achievement immediately and two years later.. Emotion, 2019, 19, 1081-1092.	1.8	33
17	The influence of consequence value and text difficulty on affect, attention, and learning while reading instructional texts. Learning and Instruction, 2015, 40, 9-20.	3.2	32
18	Eye-Mind reader: an intelligent reading interface that promotes long-term comprehension by detecting and responding to mind wandering. Human-Computer Interaction, 2021, 36, 306-332.	4.4	32

#	ARTICLE	IF	CITATIONS
19	Cognitive coupling during reading.. Journal of Experimental Psychology: General, 2017, 146, 872-883.	2.1	32
20	Multimodal Engagement Analysis From Facial Videos in the Classroom. IEEE Transactions on Affective Computing, 2023, 14, 1012-1027.	8.3	32
21	Social Media as a Passive Sensor in Longitudinal Studies of Human Behavior and Wellbeing. , 2019, , .		31
22	The eye€"mind wandering link: Identifying gaze indices of mind wandering across tasks.. Journal of Experimental Psychology: Human Perception and Performance, 2020, 46, 1201-1221.	0.9	29
23	Automatic Detection of Mind Wandering During Reading Using Gaze and Physiology. , 2015, , .		28
24	Motion Tracker: Camera-Based Monitoring of Bodily Movements Using Motion Silhouettes. PLoS ONE, 2015, 10, e0130293.	2.5	25
25	The effect of disfluency on mind wandering during text comprehension. Psychonomic Bulletin and Review, 2017, 24, 914-919.	2.8	25
26	A Multisensor Person-Centered Approach to Understand the Role of Daily Activities in Job Performance with Organizational Personas. , 2019, 3, 1-27.		25
27	The productive role of cognitive reappraisal in regulating affect during game-based learning. Computers in Human Behavior, 2019, 100, 358-369.	8.5	24
28	Breaking out of the Lab: Mitigating Mind Wandering with Gaze-Based Attention-Aware Technology in Classrooms. , 2021, , .		21
29	Mind wandering during reading: An interdisciplinary and integrative review of psychological, computing, and intervention research and theory. Language and Linguistics Compass, 2021, 15, e12412.	2.3	20
30	Driven to distraction: A lack of change gives rise to mind wandering. Cognition, 2018, 173, 133-137.	2.2	19
31	Mind wandering during film comprehension: The role of prior knowledge and situational interest. Psychonomic Bulletin and Review, 2016, 23, 842-848.	2.8	15
32	The Impact of Modality on Mind Wandering during Comprehension. Applied Cognitive Psychology, 2016, 30, 29-40.	1.6	14
33	Machine-Learned Computational Models Can Enhance the Study of Text and Discourse: A Case Study Using Eye Tracking to Model Reading Comprehension. Discourse Processes, 2020, 57, 420-440.	1.8	13
34	What Eye Movements Reveal About Later Comprehension of Long Connected Texts. Cognitive Science, 2020, 44, e12905.	1.7	12
35	Connecting the Dots Towards Collaborative AIED: Linking Group Makeup to Process to Learning. Lecture Notes in Computer Science, 2018, , 545-556.	1.3	12
36	Predicting Participant Compliance With Fitness Tracker Wearing and Ecological Momentary Assessment Protocols in Information Workers: Observational Study. JMIR MHealth and UHealth, 2021, 9, e22218.	3.7	12

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37	Re-Watching Lectures as a Study Strategy and Its Effect on Mind Wandering. Experimental Psychology, 2018, 65, 297-305.	0.7	11
38	Psychological Measurement in the Information Age: Machine-Learned Computational Models. Current Directions in Psychological Science, 2022, 31, 76-87.	5.3	11
39	Toward Robust Stress Prediction in the Age of Wearables: Modeling Perceived Stress in a Longitudinal Study With Information Workers. IEEE Transactions on Affective Computing, 2022, 13, 2201-2217.	8.3	10
40	Validation of survey effort measures of grit and self-control in a sample of high school students. PLoS ONE, 2020, 15, e0235396.	2.5	6
41	The World Within Wikipedia: An Ecology of Mind. Information (Switzerland), 2012, 3, 229-255.	2.9	4
42	Emotional regularity: associations with personality, psychological health, and occupational outcomes. Cognition and Emotion, 2021, 35, 1460-1478.	2.0	4
43	Can Computers Outperform Humans in Detecting User Zone-Outs? Implications for Intelligent Interfaces. ACM Transactions on Computer-Human Interaction, 2022, 29, 1-33.	5.7	4
44	Affect Detection and Classification from the Non-stationary Physiological Data. , 2013, , .		3
45	How Does High School Extracurricular Participation Predict Bachelor's Degree Attainment? It is Complicated. Journal of Research on Adolescence, 2020, 30, 753-768.	3.7	3
46	"Mind"TS: Testing a Brief Mindfulness Intervention with an Intelligent Tutoring System. Lecture Notes in Computer Science, 2018, , 176-181.	1.3	3
47	Is academic diligence domain-specific or domain-general? An investigation of the math, verbal, and spatial academic diligence tasks with middle schoolers. Learning and Individual Differences, 2020, 80, 101870.	2.7	2
48	Examining Response to Negative Life Events Through Fitness Tracker Data. Frontiers in Digital Health, 2021, 3, 659088.	2.8	2
49	Validation of survey effort measures of grit and self-control in a sample of high school students. , 2020, 15, e0235396.		0
50	Validation of survey effort measures of grit and self-control in a sample of high school students. , 2020, 15, e0235396.		0
51	Validation of survey effort measures of grit and self-control in a sample of high school students. , 2020, 15, e0235396.		0
52	Validation of survey effort measures of grit and self-control in a sample of high school students. , 2020, 15, e0235396.		0