Dennis KÃ¼ster

List of Publications by Year
in descending order

48 papers	**631** citations

759233

12 h-index	

677142

22 g-index	

56 all docs	**56** docs citations	**56** times ranked	**582** citing authors

#	Article	IF	Citations
1	A performance comparison of eight commercially available automatic classifiers for facial affect recognition. PLoS ONE, 2020, 15, e0231968.	2.5	105
2	A Review of Dynamic Datasets for Facial Expression Research. Emotion Review, 2017, 9, 280-292.	3.4	68
3	Emotion recognition from posed and spontaneous dynamic expressions: Human observers versus machine analysis.. Emotion, 2021, 21, 447-451.	1.8	38
4	Human and machine validation of 14 databases of dynamic facial expressions. Behavior Research Methods, 2021, 53, 686-701.	4.0	36
5	The dynamics of emotions in online interaction. Royal Society Open Science, 2016, 3, 160059.	2.4	28
6	Empathic Robotic Tutors for Personalised Learning: A Multidisciplinary Approach. Lecture Notes in Computer Science, 2015, , 285-295.	1.3	25
7	Damping Sentiment Analysis in Online Communication: Discussions, Monologs and Dialogs. Lecture Notes in Computer Science, 2013, , 1-12.	1.3	22
8	Endowing a Robotic Tutor with Empathic Qualities: Design and Pilot Evaluation. International Journal of Humanoid Robotics, 2018, 15, 1850025.	1.1	21
9	I saw it on YouTube! How online videos shape perceptions of mind, morality, and fears about robots. New Media and Society, 2021, 23, 3312-3331.	5.0	19
10	Engagement Perception and Generation for Social Robots and Virtual Agents. Intelligent Systems Reference Library, 2016, , 29-51.	1.2	19
11	6 Facial behavior. , 2013, , 131-166.		18
12	Social Effects of Tears and Small Pupils Are Mediated by Felt Sadness: An Evolutionary View. Evolutionary Psychology, 2018, 16, 147470491876110.	0.9	15
13	Central odor processing in subjects experiencing helplessness. Brain Research, 2006, 1120, 141-150.	2.2	13
14	Mixing implicit and explicit probes. , 2014, , .		13
15	Do relative positions and proxemics affect the engagement in a Human-Robot collaborative scenario?. Interaction Studies, 2016, 17, 321-347.	0.6	13
16	Opportunities and Challenges for Using Automatic Human Affect Analysis in Consumer Research. Frontiers in Neuroscience, 2020, 14, 400.	2.8	13
17	Applying a Text-Based Affective Dialogue System in Psychological Research: Case Studies on the Effects of System Behaviour, Interaction Context and Social Exclusion. Cognitive Computation, 2014, 6, 872-891.	5.2	12
18	You are What You Wear: Unless You Movedâ€"Effects of Attire and Posture on Person Perception. Journal of Nonverbal Behavior, 2019, 43, 23-38.	1.0	11

#	Article	IF	Citations
19	Seeing the mind of robots: Harm augments mind perception but benevolent intentions reduce dehumanisation of artificial entities in visual vignettes. International Journal of Psychology, 2021, 56, 454-465.	2.8	11
20	Avatars in Pain: Visible Harm Enhances Mind Perception in Humans and Robots. Perception, 2018, 47, 1139-1152.	1.2	10
21	Robots as Malevolent Moral Agents: Harmful Behavior Results in Dehumanization, Not Anthropomorphism. Cognitive Science, 2020, 44, e12872.	1.7	9
22	Perception matters! Engagement in task orientated social robotics. , 2015, , .		8
23	Towards Engagement Recognition of People with Dementia in Care Settings. , 2020, , .		8
24	Temporal Taylor's scaling of facial electromyography and electrodermal activity in the course of emotional stimulation. Chaos, Solitons and Fractals, 2016, 90, 91-100.	5.1	7
25	Sound emblems for affective multimodal output of a robotic tutor: a perception study. , 2016, , .		6
26	Dozing Off or Thinking Hard?. , 2018, , .		6
27	How Weeping Influences the Perception of Facial Expressions: The Signal Value of Tears. Journal of Nonverbal Behavior, 2021, 45, 83-105.	1.0	6
28	SmartHelm: Towards Multimodal Detection of Attention in an Outdoor Augmented Reality Biking Scenario. , 2020, , .		6
29	CYBEREMOTIONS â€" Collective Emotions in Cyberspace. Procedia Computer Science, 2011, 7, 221-222.	2.0	4
30	Audio-Visual Recognition of Emotional Engagement of People with Dementia. , 0, , .		4
31	Modeling Socio-Emotional and Cognitive Processes from Multimodal Data in the Wild. , 2020, , .		4
32	Toward Silent Paralinguistics: Speech-to-EMG â€" Retrieving Articulatory Muscle Activity from Speech. , 0, , .		4
33	Nonverbal Behavior Online: A Focus on Interactions with and via Artificial Agents and Avatars. , 2015, , 272-302.		3
34	Towards Silent Paralinguistics: Deriving Speaking Mode and Speaker ID from Electromyographic Signals. , 0, , .		3
35	PDSTD - The Portsmouth Dynamic Spontaneous Tears Database. Behavior Research Methods, 2022, 54, 2678-2692.	4.0	3
36	Measuring Emotions Online: Expression and Physiology. Understanding Complex Systems, 2017, , 71-93.	0.6	2

#	Article	IF	Citations
37	Hidden Tears and Scrambled Joy: On the Adaptive Costs of Unguarded Nonverbal Social Signals. , 2020, , 283-304.		2
38	Attention Sensing through Multimodal User Modeling in an Augmented Reality Guessing Game. , 2020, , .		2
39	Towards Restoration of Articulatory Movements: Functional Electrical Stimulation of Orofacial Muscles. , 2019, 2019, 3111-3114.		1
40	3rd Workshop on Modeling Socio-Emotional and Cognitive Processes from Multimodal Data in the Wild. , 2021, , .		1
41	Intelligente und aufmerksamkeitssensitive Systeme in der Fahrradmobilität Studien Zur Mobilitäts- Und Verkehrsforschung, 2020, , 143-158.	0.0	1
42	Predicting Activation Liking of People With Dementia. Frontiers in Computer Science, 2022, 3, .	2.8	1
43	Comparing a Robot Tutee to a Human Tutee in a Learning-By-Teaching Scenario with Children. Frontiers in Robotics and AI, 2022, 9, 836462.	3.2	1
44	Single Image Video Prediction with Auto-Regressive GANs. Sensors, 2022, 22, 3533.	3.8	1
45	Boxing the face. , 2015, , .		0
46	Bremen Big Data Challenge 2017: Predicting University Cafeteria Load. Lecture Notes in Computer Science, 2017, , 380-386.	1.3	0
47	Nonverbal Behavior Online. , 0, , .		0
48	Evaluation of an Engagement-Aware Recommender System for People with Dementia. , 2022, , .		0