

Klaus Kessler

List of Publications by Year in descending order

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Version: 2024-02-01

68
papers

2,640
citations

201674

27
h-index

197818

49
g-index

94
all docs

94
docs citations

94
times ranked

2836
citing authors

#	ARTICLE	IF	CITATIONS
1	A dataset of EEG recordings from 47 participants collected during a virtual reality working memory task where attention was cued by a social avatar and non-social stick cue. <i>Data in Brief</i> , 2022, 41, 107827.	1.0	4
2	EEG alpha and theta signatures of socially and non-socially cued working memory in virtual reality. <i>Social Cognitive and Affective Neuroscience</i> , 2022, 17, 531-540.	3.0	7
3	Changes in theta and alpha oscillatory signatures of attentional control in older and middle age. <i>European Journal of Neuroscience</i> , 2021, 54, 4314-4337.	2.6	6
4	Modeling a multidimensional model of memory performance in obsessive-compulsive disorder: A multilevel meta-analytic review.. <i>Journal of Abnormal Psychology</i> , 2021, 130, 346-364.	1.9	4
5	Sources of Cognitive Conflict and Their Relevance to Theory-of-Mind Proficiency in Healthy Aging: A Preregistered Study. <i>Psychological Science</i> , 2021, 32, 1918-1936.	3.3	7
6	Look Into my "Virtual" Eyes: What Dynamic Virtual Agents add to the Realistic Study of Joint Attention. <i>Frontiers in Virtual Reality</i> , 2021, 2, .	3.7	1
7	Age-Related Changes in Attentional Refocusing during Simulated Driving. <i>Brain Sciences</i> , 2020, 10, 530.	2.3	7
8	A Neuro-VR toolbox for assessment and intervention in Autism: Brain responses to non-verbal, gaze and proxemics behaviour in Virtual Humans.. , 2020, , .		2
9	Reduced auditory steady state responses in autism spectrum disorder. <i>Molecular Autism</i> , 2020, 11, 56.	4.9	40
10	The Right Temporoparietal Junction Is Causally Associated with Embodied Perspective-taking. <i>Journal of Neuroscience</i> , 2020, 40, 3089-3095.	3.6	38
11	Dysregulated oscillatory connectivity in the visual system in autism spectrum disorder. <i>Brain</i> , 2019, 142, 3294-3305.	7.6	53
12	Towards OPM-MEG in a virtual reality environment. <i>NeuroImage</i> , 2019, 199, 408-417.	4.2	87
13	Linking Cognitive Measures of Response Inhibition and Reward Sensitivity to Trait Impulsivity. <i>Frontiers in Psychology</i> , 2018, 9, 2306.	2.1	24
14	The depersonalized brain: New evidence supporting a distinction between depersonalization and derealization from discrete patterns of autonomic suppression observed in a non-clinical sample. <i>Consciousness and Cognition</i> , 2018, 63, 29-46.	1.5	21
15	Oscillatory networks of high-level mental alignment: A perspective-taking MEG study. <i>NeuroImage</i> , 2018, 177, 98-107.	4.2	23
16	THETA-Rhythm Makes the World Go Round: Dissociative Effects of TMS Theta Versus Alpha Entrainment of Right pTPJ on Embodied Perspective Transformations. <i>Brain Topography</i> , 2017, 30, 561-564.	1.8	16
17	Age-Related Changes in the Ability to Switch between Temporal and Spatial Attention. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 28.	3.4	14
18	The Detection of Phase Amplitude Coupling during Sensory Processing. <i>Frontiers in Neuroscience</i> , 2017, 11, 487.	2.8	60

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19	Deliberate and spontaneous sensations of disembodiment: capacity or flaw?. Cognitive Neuropsychiatry, 2016, 21, 412-428.	1.3	11
20	Brain oscillations and connectivity in autism spectrum disorders (ASD): new approaches to methodology, measurement and modelling. Neuroscience and Biobehavioral Reviews, 2016, 71, 601-620.	6.1	59
21	Rhythm makes the world go round: An MEG-TMS study on the role of right TPJ theta oscillations in embodied perspective taking. Cortex, 2016, 75, 68-81.	2.4	65
22	Conversational Interaction in the Scanner: Mentalizing during Language Processing as Revealed by MEG. Cerebral Cortex, 2015, 25, 3219-3234.	2.9	51
23	Acting on incidental findings in research imaging. BMJ, The, 2015, 351, h5190-h5190.	6.0	36
24	Perspective taking: building a neurocognitive framework for integrating the "social" and the "spatial". Frontiers in Human Neuroscience, 2014, 8, 403.	2.0	15
25	TEST: A Tropic, Embodied, and Situated Theory of Cognition. Topics in Cognitive Science, 2014, 6, 442-460.	1.9	61
26	A cross-culture, cross-gender comparison of perspective taking mechanisms. Proceedings of the Royal Society B: Biological Sciences, 2014, 281, 20140388.	2.6	48
27	Editorial: Cortex Discussion Forum on "The meaning of mirror neurons". Cortex, 2013, 49, 2603-2606.	2.4	4
28	Perceiving conspecifics as integrated body-gestalts is an embodied process.. Journal of Experimental Psychology: General, 2013, 142, 774-790.	2.1	8
29	A working memory bias for alcohol-related stimuli depends on drinking score.. Psychology of Addictive Behaviors, 2013, 27, 23-31.	2.1	7
30	Fractionating the unitary notion of dissociation: disembodied but not embodied dissociative experiences are associated with exocentric perspective-taking. Frontiers in Human Neuroscience, 2013, 7, 719.	2.0	10
31	Shared action spaces: a basis function framework for social re-calibration of sensorimotor representations supporting joint action. Frontiers in Human Neuroscience, 2013, 7, 800.	2.0	32
32	Spatial Perspective Taking is an Embodied Process, but Not for Everyone in the Same Way: Differences Predicted by Sex and Social Skills Score. Spatial Cognition and Computation, 2012, 12, 133-158.	1.2	64
33	Gender and autistic personality traits predict perspective-taking ability in typical adults. Personality and Individual Differences, 2012, 52, 84-88.	2.9	37
34	What Checkers Actually Check: An Eye Tracking Study of Inhibitory Control and Working Memory. PLoS ONE, 2012, 7, e44689.	2.5	13
35	DEFICIENT INHIBITION OF RETURN IN SUBCLINICAL OCD ONLY WHEN ATTENTION IS DIRECTED TO THE THREATENING ASPECTS OF A STIMULUS. Depression and Anxiety, 2012, 29, 807-815.	4.1	6
36	Visual and embodied perception of others: The neural correlates of the "Body Gestalt" effect. Journal of Vision, 2012, 12, 824-824.	0.3	2

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37	Reading others'™ minds by measuring their brains: Fascinating and challenging for science, but ready for use in court?. <i>Cortex</i> , 2011, 47, 1240-1242.	2.4	25
38	The role of working memory in compulsive checking and OCD: A systematic classification of 58 experimental findings. <i>Clinical Psychology Review</i> , 2011, 31, 1004-1021.	11.4	55
39	Impaired Executive Functioning in Subclinical Compulsive Checking with Ecologically Valid Stimuli in a Working Memory Task. <i>Frontiers in Psychology</i> , 2011, 2, 78.	2.1	13
40	How checking as a cognitive style influences working memory performance. <i>Applied Cognitive Psychology</i> , 2011, 25, 219-228.	1.6	9
41	The embodied nature of spatial perspective taking: Embodied transformation versus sensorimotor interference. <i>Cognition</i> , 2010, 114, 72-88.	2.2	246
42	The two forms of visuo-spatial perspective taking are differently embodied and subserve different spatial prepositions. <i>Frontiers in Psychology</i> , 2010, 1, 213.	2.1	128
43	Characteristics of Motor Resonance Predict the Pattern of Flash-Lag Effects for Biological Motion. <i>PLoS ONE</i> , 2010, 5, e8258.	2.5	7
44	Attentional inhibition determines emotional responses to unfamiliar faces. <i>Journal of Vision</i> , 2010, 3, 325-325.	0.3	0
45	How checking breeds doubt: Reduced performance in a simple workingmemory task. <i>Behaviour Research and Therapy</i> , 2009, 47, 504-512.	3.1	26
46	Right hemisphere contributions to imitation tasks. <i>European Journal of Neuroscience</i> , 2008, 27, 1843-1855.	2.6	25
47	Observing repetitive finger movements modulates response times of auditorily cued finger movements. <i>Brain and Cognition</i> , 2008, 68, 107-113.	1.8	7
48	Do simple intransitive finger movements consistently activate frontoparietal mirror neuron areas in humans?. <i>NeuroImage</i> , 2007, 36, T44-T53.	4.2	56
49	Observation of a finger or an object movement primes imitative responses differentially. <i>Experimental Brain Research</i> , 2007, 177, 255-265.	1.5	20
50	Investigating the human mirror neuron system by means of cortical synchronization during the imitation of biological movements. <i>NeuroImage</i> , 2006, 33, 227-238.	4.2	82
51	Anticipatory control of long-range phase synchronization. <i>European Journal of Neuroscience</i> , 2006, 24, 2057-2060.	2.6	46
52	How the brain blinks: towards a neurocognitive model of the attentional blink. <i>Psychological Research</i> , 2006, 70, 425-435.	1.7	76
53	Cortical dynamics and synchronization related to multiple target consolidation under rapid-serial-visual-presentation conditions. <i>Journal of Physiology (Paris)</i> , 2006, 99, 21-28.	2.1	5
54	Inhibition of object identity in inhibition of return: Implications for encoding and retrieving inhibitory processes. <i>Psychonomic Bulletin and Review</i> , 2005, 12, 553-558.	2.8	16

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55	Cortical mechanisms of attention in time: neural correlates of the Lag-1-sparing phenomenon. <i>European Journal of Neuroscience</i> , 2005, 21, 2563-2574.	2.6	33
56	Disturbing Visual Working Memory: Electrophysiological Evidence for a Role of the Prefrontal Cortex in Recovery from Interference. <i>Cerebral Cortex</i> , 2005, 15, 1075-1087.	2.9	22
57	Attentional Inhibition Has Social-Emotional Consequences for Unfamiliar Faces. <i>Psychological Science</i> , 2005, 16, 753-758.	3.3	79
58	Target consolidation under high temporal processing demands as revealed by MEG. <i>NeuroImage</i> , 2005, 26, 1030-1041.	4.2	41
59	Retrieval of implicit inhibitory processes: The impact of visual field, object-identity, and memory dynamics. <i>Visual Cognition</i> , 2004, 11, 965-995.	1.6	33
60	Modulation of long-range neural synchrony reflects temporal limitations of visual attention in humans. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 13050-13055.	7.1	517
61	Long-Term Inhibition of Return of Attention. <i>Psychological Science</i> , 2003, 14, 19-25.	3.3	100
62	Resolving Ambiguous Descriptions through Visual Information. , 2002, , 43-67.		1
63	Discourse Focus and Conceptual Relations in Resolving Referential Ambiguity. <i>Journal of Psycholinguistic Research</i> , 2000, 29, 497-516.	1.3	5
64	8 Grounding mental models: Subconceptual dynamics in the resolution of reference in discourse. <i>Advances in Psychology</i> , 1999, , 169-193.	0.1	3
65	Dynamische Konzeptgenerierung in konnektionistischen Netzen: Begriffsklärung, Modellvorstellungen zur Szenenrekonstruktion und experimentelle Ergebnisse. <i>Kognitionswissenschaft</i> , 1999, 8, 74-96.	0.4	5
66	Konzeptualisierung in inkrementell-integrativer Sprachverarbeitung. <i>Kognitionswissenschaft</i> , 1999, 8, 108-114.	0.4	4
67	Dynamische Konzeptverarbeitung mit imaginalen und assoziativen Strukturen. <i>Kognitionswissenschaft</i> , 1999, 8, 115-122.	0.4	2
68	Object- and location-based inhibition in goal-directed action. , 0, , 171-208.		4