

# 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	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
2	The embodied nature of spatial perspective taking: Embodied transformation versus sensorimotor interference. <i>Cognition</i> , 2010, 114, 72-88.	2.2	246
3	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
4	Long-Term Inhibition of Return of Attention. <i>Psychological Science</i> , 2003, 14, 19-25.	3.3	100
5	Towards OPM-MEG in a virtual reality environment. <i>NeuroImage</i> , 2019, 199, 408-417.	4.2	87
6	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
7	Attentional Inhibition Has Social-Emotional Consequences for Unfamiliar Faces. <i>Psychological Science</i> , 2005, 16, 753-758.	3.3	79
8	How the brain blinks: towards a neurocognitive model of the attentional blink. <i>Psychological Research</i> , 2006, 70, 425-435.	1.7	76
9	Rhythm makes the world go round: An MEG-TMS study on the role of right TPJ theta oscillations in embodied perspective taking. <i>Cortex</i> , 2016, 75, 68-81.	2.4	65
10	Spatial Perspective Taking is an Embodied Process, but Not for Everyone in the Same Way: Differences Predicted by Sex and Social Skills Score. <i>Spatial Cognition and Computation</i> , 2012, 12, 133-158.	1.2	64
11	TEST: A Tropic, Embodied, and Situated Theory of Cognition. <i>Topics in Cognitive Science</i> , 2014, 6, 442-460.	1.9	61
12	The Detection of Phase Amplitude Coupling during Sensory Processing. <i>Frontiers in Neuroscience</i> , 2017, 11, 487.	2.8	60
13	Brain oscillations and connectivity in autism spectrum disorders (ASD): new approaches to methodology, measurement and modelling. <i>Neuroscience and Biobehavioral Reviews</i> , 2016, 71, 601-620.	6.1	59
14	Do simple intransitive finger movements consistently activate frontoparietal mirror neuron areas in humans?. <i>NeuroImage</i> , 2007, 36, T44-T53.	4.2	56
15	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
16	Dysregulated oscillatory connectivity in the visual system in autism spectrum disorder. <i>Brain</i> , 2019, 142, 3294-3305.	7.6	53
17	Conversational Interaction in the Scanner: Mentalizing during Language Processing as Revealed by MEG. <i>Cerebral Cortex</i> , 2015, 25, 3219-3234.	2.9	51
18	A cross-culture, cross-gender comparison of perspective taking mechanisms. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20140388.	2.6	48

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19	Anticipatory control of long-range phase synchronization. <i>European Journal of Neuroscience</i> , 2006, 24, 2057-2060.	2.6	46
20	Target consolidation under high temporal processing demands as revealed by MEG. <i>NeuroImage</i> , 2005, 26, 1030-1041.	4.2	41
21	Reduced auditory steady state responses in autism spectrum disorder. <i>Molecular Autism</i> , 2020, 11, 56.	4.9	40
22	The Right Temporoparietal Junction Is Causally Associated with Embodied Perspective-taking. <i>Journal of Neuroscience</i> , 2020, 40, 3089-3095.	3.6	38
23	Gender and autistic personality traits predict perspective-taking ability in typical adults. <i>Personality and Individual Differences</i> , 2012, 52, 84-88.	2.9	37
24	Acting on incidental findings in research imaging. <i>BMJ, The</i> , 2015, 351, h5190-h5190.	6.0	36
25	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
26	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
27	Shared action spaces: a basis function framework for social re-calibration of sensorimotor representations supporting joint action. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 800.	2.0	32
28	How checking breeds doubt: Reduced performance in a simple workingmemory task. <i>Behaviour Research and Therapy</i> , 2009, 47, 504-512.	3.1	26
29	Right hemisphere contributions to imitation tasks. <i>European Journal of Neuroscience</i> , 2008, 27, 1843-1855.	2.6	25
30	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
31	Linking Cognitive Measures of Response Inhibition and Reward Sensitivity to Trait Impulsivity. <i>Frontiers in Psychology</i> , 2018, 9, 2306.	2.1	24
32	Oscillatory networks of high-level mental alignment: A perspective-taking MEG study. <i>NeuroImage</i> , 2018, 177, 98-107.	4.2	23
33	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
34	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
35	Observation of a finger or an object movement primes imitative responses differentially. <i>Experimental Brain Research</i> , 2007, 177, 255-265.	1.5	20
36	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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37	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
38	Perspective taking: building a neurocognitive framework for integrating the "social" and the "spatial". <i>Frontiers in Human Neuroscience</i> , 2014, 8, 403.	2.0	15
39	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
40	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
41	What Checkers Actually Check: An Eye Tracking Study of Inhibitory Control and Working Memory. <i>PLoS ONE</i> , 2012, 7, e44689.	2.5	13
42	Deliberate and spontaneous sensations of disembodiment: capacity or flaw?. <i>Cognitive Neuropsychiatry</i> , 2016, 21, 412-428.	1.3	11
43	Fractionating the unitary notion of dissociation: disembodied but not embodied dissociative experiences are associated with exocentric perspective-taking. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 719.	2.0	10
44	How checking as a cognitive style influences working memory performance. <i>Applied Cognitive Psychology</i> , 2011, 25, 219-228.	1.6	9
45	Perceiving conspecifics as integrated body-gestalts is an embodied process.. <i>Journal of Experimental Psychology: General</i> , 2013, 142, 774-790.	2.1	8
46	Observing repetitive finger movements modulates response times of auditorily cued finger movements. <i>Brain and Cognition</i> , 2008, 68, 107-113.	1.8	7
47	A working memory bias for alcohol-related stimuli depends on drinking score.. <i>Psychology of Addictive Behaviors</i> , 2013, 27, 23-31.	2.1	7
48	Age-Related Changes in Attentional Refocusing during Simulated Driving. <i>Brain Sciences</i> , 2020, 10, 530.	2.3	7
49	Characteristics of Motor Resonance Predict the Pattern of Flash-Lag Effects for Biological Motion. <i>PLoS ONE</i> , 2010, 5, e8258.	2.5	7
50	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
51	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
52	DEFICIENT INHIBITION OF RETURN IN SUBCLINICAL OCD ONLY WHEN ATTENTION IS DIRECTED TO THE THREATENING ASPECTS OF A STIMULUS. <i>Depression and Anxiety</i> , 2012, 29, 807-815.	4.1	6
53	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
54	Dynamische Konzeptgenerierung in konnektionistischen Netzen: Begriffsklärung, Modellvorstellungen zur Szenenrekonstruktion und experimentelle Ergebnisse. <i>Kognitionswissenschaft</i> , 1999, 8, 74-96.	0.4	5

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55	Discourse Focus and Conceptual Relations in Resolving Referential Ambiguity. Journal of Psycholinguistic Research, 2000, 29, 497-516.	1.3	5
56	Cortical dynamics and synchronization related to multiple target consolidation under rapid-serial-visual-presentation conditions. Journal of Physiology (Paris), 2006, 99, 21-28.	2.1	5
57	Konzeptualisierung in inkrementell-integrativer Sprachverarbeitung. Kognitionswissenschaft, 1999, 8, 108-114.	0.4	4
58	Editorial: Cortex Discussion Forum on "The meaning of mirror neurons". Cortex, 2013, 49, 2603-2606.	2.4	4
59	Modeling a multidimensional model of memory performance in obsessive-compulsive disorder: A multilevel meta-analytic review.. Journal of Abnormal Psychology, 2021, 130, 346-364.	1.9	4
60	Object- and location-based inhibition in goal-directed action. , 0, , 171-208.		4
61	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. Data in Brief, 2022, 41, 107827.	1.0	4
62	8 Grounding mental models: Subconceptual dynamics in the resolution of reference in discourse. Advances in Psychology, 1999, , 169-193.	0.1	3
63	Dynamische Konzeptverarbeitung mit imaginalen und assoziativen Strukturen. Kognitionswissenschaft, 1999, 8, 115-122.	0.4	2
64	A Neuro-VR toolbox for assessment and intervention in Autism: Brain responses to non-verbal, gaze and proxemics behaviour in Virtual Humans.. , 2020, , .		2
65	Visual and embodied perception of others: The neural correlates of the "Body Gestalt" effect. Journal of Vision, 2012, 12, 824-824.	0.3	2
66	Resolving Ambiguous Descriptions through Visual Information. , 2002, , 43-67.		1
67	Look Into my "Virtual" Eyes: What Dynamic Virtual Agents add to the Realistic Study of Joint Attention. Frontiers in Virtual Reality, 2021, 2, .	3.7	1
68	Attentional inhibition determines emotional responses to unfamiliar faces. Journal of Vision, 2010, 3, 325-325.	0.3	0