Jürgen Kornmeier

List of Publications by Year
in descending order

39 papers	1,073 citations	567281 15 h-index	414414 32 g-index
43 all docs	43 docs citations	43 times ranked	604 citing authors

#	Article	IF	Citations
1	Early neural activity in Necker-cube reversal: Evidence for low-level processing of a gestalt phenomenon. Psychophysiology, 2004, 41, 1-8.	2.4	129
2	The Necker cube—an ambiguous figure disambiguated in early visual processing. Vision Research, 2005, 45, 955-960.	1.4	125
3	Ambiguous Figures – What Happens in the Brain When Perception Changes But Not the Stimulus. Frontiers in Human Neuroscience, 2012, 6, 51.	2.0	119
4	Multistable perception: When bottom-up and top-down coincide. Brain and Cognition, 2009, 69, 138-147.	1.8	71
5	Bistable perception – along the processing chain from ambiguous visual input to a stable percept. International Journal of Psychophysiology, 2006, 62, 345-349.	1.0	67
6	Discontinuous presentation of ambiguous figures: How interstimulus-interval durations affect reversal dynamics and ERPs. Psychophysiology, 2007, 44, 552-560.	2.4	56
7	Ambiguous figures and binding: EEG frequency modulations during multistable perception. Psychophysiology, 2011, 48, 547-558.	2.4	47
8	Necker cube: Stimulus-related (low-level) and percept-related (high-level) EEG signatures early in occipital cortex. Journal of Vision, 2011, 11, 12-12.	0.3	39
9	Object perception: When our brain is impressed but we do not notice it. Journal of Vision, 2009, 9, 7-7.	0.3	36
10	Cognitive Time Scales in a Necker-Zeno Model for Bistable Perception. Open Cybernetics and Systemics Journal, 2008, 2, 234-251.	0.3	32
11	EEG correlates of cognitive time scales in the Necker-Zeno model for bistable perception. Consciousness and Cognition, 2017, 53, 136-150.	1.5	29
12	Parallels between spacing effects during behavioral and cellular learning. Frontiers in Human Neuroscience, 2012, 6, 203.	2.0	26
13	ConvDip: A Convolutional Neural Network for Better EEG Source Imaging. Frontiers in Neuroscience, 2021, 15, 569918.	2.8	26
14	A Different View on the Checkerboard? Alterations in Early and Late Visually Evoked EEG Potentials in Asperger Observers. PLoS ONE, 2014, 9, e90993.	2.5	25
15	Ambiguity in Tactile Apparent Motion Perception. PLoS ONE, 2016, 11, e0152736.	2.5	21
16	Predicting Visual Consciousness Electrophysiologically from Intermittent Binocular Rivalry. PLoS ONE, 2013, 8, e76134.	2.5	18
17	EEG Correlates of Perceptual Reversals in Boring's Ambiguous Old/Young Woman Stimulus. Perception, 2014, 43, 950-962.	1.2	16
18	Temporal Processing in Bistable Perception of the Necker Cube. Perception, 2015, 44, 157-168.	1.2	16

#	Article	IF	Citations
19	A different view on the Necker cube—Differences in multistable perception dynamics between Asperger and non-Asperger observers. PLoS ONE, 2017, 12, e0189197.	2.5	16
20	Positive and negative hysteresis effects for the perception of geometric and emotional ambiguities. PLoS ONE, 2018, 13, e0202398.	2.5	15
21	What happens in the brain of meditators when perception changes but not the stimulus?. PLoS ONE, 2019, 14, e0223843.	2.5	14
22	How odor cues help to optimize learning during sleep in a real life-setting. Scientific Reports, 2020, 10, 1227.	3.3	14
23	CORRELATES OF PERCEPTIVE INSTABILITIES IN EVENT-RELATED POTENTIALS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2004, 14, 727-736.	1.7	13
24	When Learning Disturbs Memory – Temporal Profile of Retroactive Interference of Learning on Memory Formation. Frontiers in Psychology, 2018, 9, 82.	2.1	13
25	Very Similar Spacing-Effect Patterns in Very Different Learning/Practice Domains. PLoS ONE, 2014, 9, e90656.	2.5	13
26	Large EEG amplitude effects are highly similar across Necker cube, smiley, and abstract stimuli. PLoS ONE, 2020, 15, e0232928.	2.5	12
27	Can I trust in what I see? EEG evidence for a cognitive evaluation of perceptual constructs. Psychophysiology, 2016, 53, 1507-1523.	2.4	10
28	Mona Lisa is always happy – and only sometimes sad. Scientific Reports, 2017, 7, 43511.	3.3	10
29	The Alien in the Forest OR When Temporal Context Dominates Perception. Perception, 2014, 43, 1270-1274.	1.2	9
30	Neurophysiological responses to unpleasant stimuli (acute electrical stimulations and emotional) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	3.3	6
31	Multiple testing along a tree. Electronic Journal of Statistics, 2010, 4, .	0.7	5
32	Perception of the difference between past and present stimulus: A rare orientation illusion may indicate incidental access to prediction error-like signals. PLoS ONE, 2020, 15, e0232349.	2.5	5
33	Using the perceptual past to predict the perceptual future influences the perceived present – A novel ERP paradigm. PLoS ONE, 2020, 15, e0237663.	2.5	4
34	Spacing learning units affects both learning and forgetting. Trends in Neuroscience and Education, 2022, 26, 100173.	3.1	4
35	Replication of Reduced Pattern Electroretinogram Amplitudes in Depression With Improved Recording Parameters. Frontiers in Medicine, 2021, 8, 732222.	2.6	2
36	Can I trust in what I see? – EEG evidence for reliability estimations of perceptual outcomes. Journal of Vision, 2021, 21, 2836.	0.3	0

#	Article	IF	Citations
37	Do we perceive the world differently if we need to evaluate our percept? â€" an EEG study. Journal of Vision, 2021, 21, 2006.	0.3	0
38	Top-down resolution of visual ambiguity â€" knowledge from the future or footprints from the past?. PLoS ONE, 2021, 16, e0258667.	2.5	0
39	How ambiguity helps to understand metaperception - Similar EEG correlates of geometry and emotion processing. Journal of Vision, 2019, 19, 224a.	0.3	0