Yuka Sasaki

List of Publications by Year
in descending order

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75	6,999	100601	90395
papers	citations	38 h-index	73 g-index

90	90	90	6983
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sleep-Dependent Facilitation of Visual Perceptual Learning Is Consistent with a Learning-Dependent Model. Journal of Neuroscience, 2022, 42, 1777-1790.	1.7	4
2	Early Visual Cortex Stimulation Modifies Well-Consolidated Perceptual Gains. Cerebral Cortex, 2021, 31, 138-146.	1.6	11
3	The DecNef collection, fMRI data from closed-loop decoded neurofeedback experiments. Scientific Data, 2021, 8, 65.	2.4	9
4	A behavioral training protocol using visual perceptual learning to improve a visual skill. STAR Protocols, 2021, 2, 100240.	0.5	1
5	Visual perceptual learning of a primitive feature in human V1/V2 as a result of unconscious processing, revealed by decoded functional MRI neurofeedback (DecNef). Journal of Vision, 2021, 21, 24.	0.1	5
6	Fundamental Differences in Visual Perceptual Learning between Children and Adults. Current Biology, 2021, 31, 427-432.e5.	1.8	15
7	Effects of stimulus and task structure on temporal perceptual learning. Scientific Reports, 2021, 11, 668.	1.6	2
8	fMRI neurofeedback for perception and attention. , 2021, , 85-105.		0
9	Coregistration of magnetic resonance spectroscopy and polysomnography for sleep analysis in human subjects. STAR Protocols, 2021, 2, 100974.	0.5	4
10	The facilitation of learning and memory by sleep. , 2021, , .		0
11	Complementary contributions of non-REM and REM sleep to visual learning. Nature Neuroscience, 2020, 23, 1150-1156.	7.1	60
12	Supervised Learning Occurs in Visual Perceptual Learning of Complex Natural Images. Current Biology, 2020, 30, 2995-3000.e3.	1.8	20
13	Reward does not facilitate visual perceptual learning until sleep occurs. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 959-968.	3.3	21
14	Post-training TMS abolishes performance improvement and releases future learning from interference. Communications Biology, 2019, 2, 320.	2.0	14
15	Category-Induced Transfer of Visual Perceptual Learning. Current Biology, 2019, 29, 1374-1378.e3.	1.8	23
16	Trained-featureâ€“specific offline learning by sleep in an orientation detection task. Journal of Vision, 2019, 19, 12.	0.1	12
17	Surveillance During REM Sleep for the First-Night Effect. Frontiers in Neuroscience, 2019, 13, 1161.	1.4	17
18	Toward a comprehensive understanding of the neural mechanisms of decoded neurofeedback. NeuroImage, 2019, 188, 539-556.	2.1	69

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19	Opportunities and challenges for a maturing science of consciousness. Nature Human Behaviour, 2019, 3, 104-107.	6.2	58
20	Structural and Functional Connectivity Changes Beyond Visual Cortex in a Later Phase of Visual Perceptual Learning. Scientific Reports, 2018, 8, 5186.	1.6	17
21	Feature-Specific Awake Reactivation in Human V1 after Visual Training. Journal of Neuroscience, 2018, 38, 9648-9657.	1.7	17
22	Consolidation and reconsolidation share behavioural and neurochemical mechanisms. Nature Human Behaviour, 2018, 2, 507-513.	6.2	50
23	Overlearning hyperstabilizes a skill by rapidly making neurochemical processing inhibitory-dominant. Nature Neuroscience, 2017, 20, 470-475.	7.1	146
24	Neuroscience: When perceptual learning occurs. Nature Human Behaviour, 2017, 1, .	6.2	2
25	Advances in fMRI Real-Time Neurofeedback. Trends in Cognitive Sciences, 2017, 21, 997-1010.	4.0	190
26	Differential Activation Patterns in the Same Brain Region Led to Opposite Emotional States. PLoS Biology, 2016, 14, e1002546.	2.6	57
27	Learning to Associate Orientation with Color in Early Visual Areas by Associative Decoded fMRI Neurofeedback. Current Biology, 2016, 26, 1861-1866.	1.8	97
28	V3A takes over a job of MT+ after training on a visual task. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6092-6093.	3.3	0
29	Night Watch in One Brain Hemisphere during Sleep Associated with the First-Night Effect in Humans. Current Biology, 2016, 26, 1190-1194.	1.8	186
30	A small number of abnormal brain connections predicts adult autism spectrum disorder. Nature Communications, 2016, 7, 11254.	5.8	244
31	Neuroimaging Evidence for 2 Types of Plasticity in Association with Visual Perceptual Learning. Cerebral Cortex, 2016, 26, 3681-3689.	1.6	29
32	Frequent Video Game Players Resist Perceptual Interference. PLoS ONE, 2015, 10, e0120011.	1.1	19
33	Perceptual Learning: Toward a Comprehensive Theory. Annual Review of Psychology, 2015, 66, 197-221.	9.9	257
34	Real-Time Strategy Video Game Experience and Visual Perceptual Learning. Journal of Neuroscience, 2015, 35, 10485-10492.	1.7	47
35	Reduction in the retinotopic early visual cortex with normal aging and magnitude of perceptual learning. Neurobiology of Aging, 2015, 36, 315-322.	1.5	19
36	Sigma activity originated in the early visual cortex during sleep associated with visual perceptual learning. Journal of Vision, 2015, 15, 1139.	0.1	1

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37	Visual Perceptual Learning and Sleep. , 2015, , 343-357.		1
38	Age-Related Declines of Stability in Visual Perceptual Learning. Current Biology, 2014, 24, 2926-2929.	1.8	23
39	The first-night effect suppresses the strength of slow-wave activity originating in the visual areas during sleep. Vision Research, 2014, 99, 154-161.	0.7	20
40	Reward eliminates retrieval-induced forgetting. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17326-17329.	3.3	10
41	White matter in the older brain is more plastic than in the younger brain. Nature Communications, 2014, 5, 5504.	5.8	48
42	Location specific sleep spindle activity in the early visual areas and perceptual learning. Vision Research, 2014, 99, 162-171.	0.7	55
43	Enhanced Spontaneous Oscillations in the Supplementary Motor Area Are Associated with Sleep-Dependent Offline Learning of Finger-Tapping Motor-Sequence Task. Journal of Neuroscience, 2013, 33, 13894-13902.	1.7	80
44	Consolidated learning can be susceptible to gradually-developing interference in prolonged motor learning. Frontiers in Computational Neuroscience, 2013, 7, 69.	1.2	10
45	Resetting capacity limitations revealed by long-lasting elimination of attentional blink through training. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 12242-12247.	3.3	55
46	Performance Dip in Motor Response Induced by Task-Irrelevant Weaker Coherent Visual Motion Signals. Cerebral Cortex, 2012, 22, 1887-1893.	1.6	2
47	Recent progress in perceptual learning research. Wiley Interdisciplinary Reviews: Cognitive Science, 2012, 3, 293-299.	1.4	14
48	Monocular deprivation boosts long-term visual plasticity. Current Biology, 2012, 22, R291-R292.	1.8	13
49	Decoding Reveals Plasticity in V3A as a Result of Motion Perceptual Learning. PLoS ONE, 2012, 7, e44003.	1.1	37
50	Perceptual Learning Incepted by Decoded fMRI Neurofeedback Without Stimulus Presentation. Science, 2011, 334, 1413-1415.	6.0	422
51	Perceptual Learning: Cortical Changes When Cats Learn a New Trick. Current Biology, 2010, 20, R557-R558.	1.8	5
52	Advances in visual perceptual learning and plasticity. Nature Reviews Neuroscience, 2010, 11, 53-60.	4.9	356
53	Interference and feature specificity in visual perceptual learning. Vision Research, 2009, 49, 2611-2623.	0.7	52
54	Location-Specific Cortical Activation Changes during Sleep after Training for Perceptual Learning. Current Biology, 2009, 19, 1278-1282.	1.8	120

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55	Functional neuroanatomical investigation of visionâ€related acupuncture point specificityâ€”A multisession fMRI study. Human Brain Mapping, 2009, 30, 38-46.	1.9	85
56	3D surface perception from motion involves a temporalâ€“parietal network. European Journal of Neuroscience, 2009, 30, 703-713.	1.2	42
57	Different Dynamics of Performance and Brain Activation in the Time Course of Perceptual Learning. Neuron, 2008, 57, 827-833.	3.8	280
58	Absence Epilepsy. , 2008, , 2-2.		0
59	Processing local signals into global patterns. Current Opinion in Neurobiology, 2007, 17, 132-139.	2.0	44
60	The Radial Bias: A Different Slant on Visual Orientation Sensitivity in Human and Nonhuman Primates. Neuron, 2006, 51, 661-670.	3.8	180
61	Greater Disruption Due to Failure of Inhibitory Control on an Ambiguous Distractor. Science, 2006, 314, 1786-1788.	6.0	184
62	Separate Processing of Different Global-Motion Structures in Visual Cortex Is Revealed by fMRI. Current Biology, 2005, 15, 2027-2032.	1.8	56
63	Symmetry activates extrastriate visual cortex in human and nonhuman primates. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 3159-3163.	3.3	204
64	The primary visual cortex fills in color. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 18251-18256.	3.3	121
65	Stereopsis Activates V3A and Caudal Intraparietal Areas in Macaques and Humans. Neuron, 2003, 39, 555-568.	3.8	309
66	Neuroimaging of Direction-Selective Mechanisms for Second-Order Motion. Journal of Neurophysiology, 2003, 90, 3242-3254.	0.9	72
67	Repeated fMRI Using Iron Oxide Contrast Agent in Awake, Behaving Macaques at 3 Tesla. NeuroImage, 2002, 16, 283-294.	2.1	250
68	Human Brain Activity during Illusory Visual Jitter as Revealed by Functional Magnetic Resonance Imaging. Neuron, 2002, 35, 1147-1156.	3.8	29
69	Greater plasticity in lower-level than higher-level visual motion processing in a passive perceptual learning task. Nature Neuroscience, 2002, 5, 1003-1009.	7.1	188
70	Perceptual learning without perception. Nature, 2001, 413, 844-848.	13.7	520
71	Human cerebellar activity reflecting an acquired internal model of a new tool. Nature, 2000, 403, 192-195.	13.7	957
72	Sleep onset REM period appearance rate is affected by REM propensity in circadian rhythm in normal nocturnal sleep. Clinical Neurophysiology, 2000, 111, 428-433.	0.7	105

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73	Localizing the site of magnetic brain stimulation by functional MRI. Experimental Brain Research, 1998, 121, 145-152.	0.7	80
74	Visualization of the Information Flow Through Human Oculomotor Cortical Regions by Transcranial Magnetic Stimulation. Journal of Neurophysiology, 1998, 80, 936-946.	0.9	86
75	Attention-Regulated Activity in Human Primary Visual Cortex. Journal of Neurophysiology, 1998, 79, 2218-2221.	0.9	133