Yuji Takeda

List of Publications by Year in descending order

67	1,179	430874	414414
papers	citations	18 h-index	32 g-index

72	72	72	1152
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Inhibitory tagging in visual search can be found if search stimuli remain visible. Perception & Psychophysics, 2000, 62, 927-934.	2.3	140
2	Selective learning of spatial configuration and object identity in visual search. Perception & Psychophysics, 2004, 66, 293-302.	2.3	96
3	Regular physical activity improves executive function during task switching in young adults. International Journal of Psychophysiology, 2010, 75, 304-311.	1.0	87
4	Greater frontal-parietal synchrony at low gamma-band frequencies for inefficient than efficient visual search in human EEG. International Journal of Psychophysiology, 2009, 73, 350-354.	1.0	71
5	Time course of the integration of spatial frequency-based information in natural scenes. Vision Research, 2010, 50, 2158-2162.	1.4	53
6	Effects of scheduled manual driving on drowsiness and response to take over request: A simulator study towards understanding drivers in automated driving. Accident Analysis and Prevention, 2019, 124, 202-209.	5.7	44
7	Age-related differences in effects of non-driving related tasks on takeover performance in automated driving. Journal of Safety Research, 2020, 72, 231-238.	3.6	39
8	General physical activity levels influence positive and negative priming effects in young adults. Clinical Neurophysiology, 2009, 120, 511-519.	1.5	38
9	Eye fixation related potentials in a proof reading task. International Journal of Psychophysiology, 2001, 40, 181-186.	1.0	36
10	Task difficulty affects the predictive process indexed by visual mismatch negativity. Frontiers in Human Neuroscience, 2013, 7, 267.	2.0	36
11	Inhibitory Tagging on Randomly Moving Objects. Psychological Science, 2002, 13, 125-129.	3.3	35
12	Automatic prediction regarding the next state of a visual object: Electrophysiological indicators of prediction match and mismatch. Brain Research, 2015, 1626, 31-44.	2.2	28
13	Probing attentional modulation of contextual cueing. Visual Cognition, 2007, 15, 276-289.	1.6	26
14	Electrophysiological evaluation of attention in drivers and passengers: Toward an understanding of driversâ€™ attentional state in autonomous vehicles. Transportation Research Part F: Traffic Psychology and Behaviour, 2016, 42, 140-150.	3.7	24
15	Search for multiple targets: Evidence for memory-based control of attention. Psychonomic Bulletin and Review, 2004, 11, 71-76.	2.8	23
16	Electrophysiological measurement of interest during walking in a simulated environment. International Journal of Psychophysiology, 2014, 93, 363-370.	1.0	22
17	The relation of physical activity to functional connectivity between brain regions. Clinical Neurophysiology, 2011, 122, 81-89.	1.5	21
18	Visual Feature Integration Indicated by pHase-Locked Frontal-Parietal EEG Signals. PLoS ONE, 2012, 7, e32502.	2.5	20

#	Article	IF	Citations
19	Frontalâ€“parietal synchrony in elderly EEG for visual search. International Journal of Psychophysiology, 2010, 75, 39-43.	1.0	19
20	Assessment of Attentional Workload while Driving by Eye-fixation-related Potentials. Kansei Engineering International Journal, 2012, 11, 121-126.	0.1	18
21	The effects of short afternoon nap and bright light on task switching performance and error-related negativity. Sleep and Biological Rhythms, 2013, 11, 125-134.	1.0	18
22	Distractor devaluation effect in the attentional blink: Direct evidence for distractor inhibition.. Journal of Experimental Psychology: Human Perception and Performance, 2011, 37, 168-179.	0.9	17
23	The Relationship between Flow, Sleepiness and Cognitive Performance: The Effects of Short Afternoon Nap and Bright Light Exposure. Industrial Health, 2012, 50, 189-196.	1.0	17
24	Physical Activity and Trial-by-Trial Adjustments of Response Conflict. Journal of Sport and Exercise Psychology, 2013, 35, 398-407.	1.2	17
25	Eye movements predict driver reaction time to takeover request in automated driving: A real-vehicle study. Transportation Research Part F: Traffic Psychology and Behaviour, 2021, 81, 355-363.	3.7	17
26	The auditory N1 amplitude for task-irrelevant probes reflects visual interest. International Journal of Psychophysiology, 2014, 94, 35-41.	1.0	16
27	Electrophysiological assessment of driving pleasure and difficulty using a task-irrelevant probe technique. Biological Psychology, 2016, 120, 137-141.	2.2	16
28	Effect of previously fixated locations on saccade trajectory during free visual search. Vision Research, 2006, 46, 3831-3844.	1.4	15
29	Effects of one-pedal automobile operation on the driver's emotional state and cognitive workload. Applied Ergonomics, 2020, 88, 103179.	3.1	11
30	Can a short nap and bright light function as implicit learning and visual search enhancers?. Ergonomics, 2012, 55, 1340-1349.	2.1	10
31	Assessment of driverâ€™s attentional resource allocation to visual, cognitive, and action processing by brain and eye signals. Transportation Research Part F: Traffic Psychology and Behaviour, 2022, 86, 161-177.	3.7	10
32	Global Interference: The Effect of Exposure Duration That is Substituted for Spatial Frequency. Perception, 2002, 31, 341-348.	1.2	9
33	An inter-item similarity model unifying feature and conjunction search. Vision Research, 2006, 46, 3867-3880.	1.4	9
34	Greater aerobic fitness is associated with more efficient inhibition of task-irrelevant information in preadolescent children. Biological Psychology, 2015, 110, 68-74.	2.2	9
35	Effortful Processing Reduces the Attraction Effect in Multi-Alternative Decision Making: An Electrophysiological Study Using a Task-Irrelevant Probe Technique. Frontiers in Psychology, 2019, 10, 896.	2.1	9
36	A conjunctive feature similarity effect for visual search. Quarterly Journal of Experimental Psychology, 2007, 60, 186-190.	1.1	8

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37	Voluntary action modulates the brain response to rule-violating events indexed by visual mismatch negativity. Neuropsychologia, 2014, 65, 63-73.	1.6	8
38	The relationship between childhood aerobic fitness and brain functional connectivity. Neuroscience Letters, 2016, 632, 119-123.	2.1	8
39	Inhibition of return shortens perceived duration of a brief visual event. Vision Research, 2016, 128, 39-44.	1.4	7
40	Spatial and temporal variations in eye-fixation-related potentials. Japanese Psychological Research, 2000, 42, 69-75.	1.1	6
41	The Role of Low-Spatial Frequency Components in the Processing of Deceptive Faces: A Study Using Artificial Face Models. Frontiers in Psychology, 2019, 10, 1468.	2.1	6
42	Electrophysiological evidence for independent consolidation of multiple targets. NeuroReport, 2008, 19, 1493-1496.	1.2	5
43	Influence of connection type on phase synchrony: analysis of a neural mass model. Biological Cybernetics, 2011, 105, 349-354.	1.3	5
44	Why Are There Failures of Systematicity? The Empirical Costs and Benefits of Inducing Universal Constructions. Frontiers in Psychology, 2016, 7, 1310.	2.1	5
45	Assessing the Mental States of Fallback-Ready Drivers in Automated Driving by Electrooculography. , 2019, , .		5
46	Cumulative intertrial inhibition in repeated visual search.. Journal of Experimental Psychology: Human Perception and Performance, 2007, 33, 518-529.	0.9	4
47	Attention-free integration of spatial frequency-based information in natural scenes. Vision Research, 2012, 65, 38-44.	1.4	4
48	The precision of visual memory for a complex contour shape measured by a freehand drawing task. Vision Research, 2013, 79, 17-26.	1.4	4
49	Aftermath of 3/11: Earthquakes and involuntary attentional orienting to sudden ambient sounds. Biological Psychology, 2013, 94, 419-425.	2.2	4
50	Saccade trajectory under simultaneous inhibition for two locations. Vision Research, 2007, 47, 1537-1549.	1.4	3
51	Dual-Routes and the Cost of Determining Least-Costs. Frontiers in Psychology, 2017, 8, 1943.	2.1	3
52	The association of physical activity to occipito-temporal processing during face recognition. Psychology of Sport and Exercise, 2014, 15, 255-259.	2.1	2
53	Statistical Detection of EEG Synchrony Using Empirical Bayesian Inference. PLoS ONE, 2015, 10, e0121795.	2.5	2
54	Mathematical fixation: Search viewed through a cognitive lens. Behavioral and Brain Sciences, 2017, 40, e152.	0.7	2

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55	Observation of Visual ERP in Real Time. Proceedings of the Human Factors and Ergonomics Society, 2000, 44, 2-751-2-752.	0.3	1
56	Attention level and negative priming in hierarchical patterns1. Japanese Psychological Research, 2002, 44, 241-246.	1.1	1
57	Action-induced adjustment of prediction explains no visual mismatch negativity to self-generated deviants. Neuropsychologia, 2019, 131, 111-118.	1.6	1
58	The Similarity between Target and Nontarget Affects Different Processing Stages Depending on Stimulus Feature Dimensions: An ERP Study. Japanese Psychological Research, 0, , .	1.1	1
59	AFTERMATH OF 3/11: A PILOT STUDY ON THE RELATIONSHIP BETWEEN INDIRECT EXPOSURE TO EARTHQUAKES AND AUDITORY ATTENTION. Psychologia, 2015, 58, 27-35.	0.3	1
60	The relationship between phase synchronization frequency and temporal attention in the attentional blink. Japanese Journal of Physiological Psychology and Psychophysiology, 2012, 30, 243-254.	0.1	1
61	Evaluation of Driver Drowsiness While Using Automated Driving Systems on Driving Simulator, Test Course and Public Roads. Lecture Notes in Computer Science, 2020, , 72-85.	1.3	1
62	Investigation of the optimal time interval between task-irrelevant auditory probes for evaluating mental workload in the shortest possible time. International Journal of Psychophysiology, 2022, 177, 103-110.	1.0	1
63	Effect of spatial inhibition on saccade trajectory depends on locationâ€based mechanisms. Japanese Psychological Research, 2009, 51, 35-46.	1.1	0
64	Stimulus-driven prediction in vision: Its information-filtering function indicated by prediction-mismatch and prediction-match ERP effects. International Journal of Psychophysiology, 2014, 94, 154-155.	1.0	0
65	Action-based knowledge controls over the stimulus-driven visual prediction: An electrophysiological study. International Journal of Psychophysiology, 2014, 94, 220.	1.0	0
66	Top-down Control over the Processing of Task-irrelevant Rule Violation:Evidence from Visual Mismatch Negativity. Japanese Journal of Physiological Psychology and Psychophysiology, 2015, 33, 19-31.	0.1	0
67	Effects of visuospatial implicit sequence learning on visual stimulus processing: Evidence from event-related potentials and neural synchrony. Acta Psychologica, 2022, 228, 103662.	1.5	0