

# Yuji Takeda

## List of Publications by Year in descending order

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Version: 2024-02-01

67  
papers

1,179  
citations

430874

18  
h-index

414414

32  
g-index

72  
all docs

72  
docs citations

72  
times ranked

1152  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of driver's attentional resource allocation to visual, cognitive, and action processing by brain and eye signals. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2022, 86, 161-177.	3.7	10
2	Investigation of the optimal time interval between task-irrelevant auditory probes for evaluating mental workload in the shortest possible time. <i>International Journal of Psychophysiology</i> , 2022, 177, 103-110.	1.0	1
3	Effects of visuospatial implicit sequence learning on visual stimulus processing: Evidence from event-related potentials and neural synchrony. <i>Acta Psychologica</i> , 2022, 228, 103662.	1.5	0
4	Eye movements predict driver reaction time to takeover request in automated driving: A real-vehicle study. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2021, 81, 355-363.	3.7	17
5	Effects of one-pedal automobile operation on the driver's emotional state and cognitive workload. <i>Applied Ergonomics</i> , 2020, 88, 103179.	3.1	11
6	Age-related differences in effects of non-driving related tasks on takeover performance in automated driving. <i>Journal of Safety Research</i> , 2020, 72, 231-238.	3.6	39
7	Evaluation of Driver Drowsiness While Using Automated Driving Systems on Driving Simulator, Test Course and Public Roads. <i>Lecture Notes in Computer Science</i> , 2020, , 72-85.	1.3	1
8	Effects of scheduled manual driving on drowsiness and response to take over request: A simulator study towards understanding drivers in automated driving. <i>Accident Analysis and Prevention</i> , 2019, 124, 202-209.	5.7	44
9	Action-induced adjustment of prediction explains no visual mismatch negativity to self-generated deviants. <i>Neuropsychologia</i> , 2019, 131, 111-118.	1.6	1
10	Effortful Processing Reduces the Attraction Effect in Multi-Alternative Decision Making: An Electrophysiological Study Using a Task-Irrelevant Probe Technique. <i>Frontiers in Psychology</i> , 2019, 10, 896.	2.1	9
11	The Role of Low-Spatial Frequency Components in the Processing of Deceptive Faces: A Study Using Artificial Face Models. <i>Frontiers in Psychology</i> , 2019, 10, 1468.	2.1	6
12	Assessing the Mental States of Fallback-Ready Drivers in Automated Driving by Electrooculography. , 2019, , .		5
13	Dual-Routes and the Cost of Determining Least-Costs. <i>Frontiers in Psychology</i> , 2017, 8, 1943.	2.1	3
14	Mathematical fixation: Search viewed through a cognitive lens. <i>Behavioral and Brain Sciences</i> , 2017, 40, e152.	0.7	2
15	Why Are There Failures of Systematicity? The Empirical Costs and Benefits of Inducing Universal Constructions. <i>Frontiers in Psychology</i> , 2016, 7, 1310.	2.1	5
16	The relationship between childhood aerobic fitness and brain functional connectivity. <i>Neuroscience Letters</i> , 2016, 632, 119-123.	2.1	8
17	Electrophysiological assessment of driving pleasure and difficulty using a task-irrelevant probe technique. <i>Biological Psychology</i> , 2016, 120, 137-141.	2.2	16
18	Inhibition of return shortens perceived duration of a brief visual event. <i>Vision Research</i> , 2016, 128, 39-44.	1.4	7

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19	Electrophysiological evaluation of attention in drivers and passengers: Toward an understanding of drivers' attentional state in autonomous vehicles. <i>Transportation Research Part F: Traffic Psychology and Behaviour</i> , 2016, 42, 140-150.	3.7	24
20	Statistical Detection of EEG Synchrony Using Empirical Bayesian Inference. <i>PLoS ONE</i> , 2015, 10, e0121795.	2.5	2
21	Greater aerobic fitness is associated with more efficient inhibition of task-irrelevant information in preadolescent children. <i>Biological Psychology</i> , 2015, 110, 68-74.	2.2	9
22	Automatic prediction regarding the next state of a visual object: Electrophysiological indicators of prediction match and mismatch. <i>Brain Research</i> , 2015, 1626, 31-44.	2.2	28
23	AFTERMATH OF 3/11: A PILOT STUDY ON THE RELATIONSHIP BETWEEN INDIRECT EXPOSURE TO EARTHQUAKES AND AUDITORY ATTENTION. <i>Psychologia</i> , 2015, 58, 27-35.	0.3	1
24	Top-down Control over the Processing of Task-irrelevant Rule Violation: Evidence from Visual Mismatch Negativity. <i>Japanese Journal of Physiological Psychology and Psychophysiology</i> , 2015, 33, 19-31.	0.1	0
25	The association of physical activity to occipito-temporal processing during face recognition. <i>Psychology of Sport and Exercise</i> , 2014, 15, 255-259.	2.1	2
26	Voluntary action modulates the brain response to rule-violating events indexed by visual mismatch negativity. <i>Neuropsychologia</i> , 2014, 65, 63-73.	1.6	8
27	Stimulus-driven prediction in vision: Its information-filtering function indicated by prediction-mismatch and prediction-match ERP effects. <i>International Journal of Psychophysiology</i> , 2014, 94, 154-155.	1.0	0
28	Action-based knowledge controls over the stimulus-driven visual prediction: An electrophysiological study. <i>International Journal of Psychophysiology</i> , 2014, 94, 220.	1.0	0
29	The auditory N1 amplitude for task-irrelevant probes reflects visual interest. <i>International Journal of Psychophysiology</i> , 2014, 94, 35-41.	1.0	16
30	Electrophysiological measurement of interest during walking in a simulated environment. <i>International Journal of Psychophysiology</i> , 2014, 93, 363-370.	1.0	22
31	The precision of visual memory for a complex contour shape measured by a freehand drawing task. <i>Vision Research</i> , 2013, 79, 17-26.	1.4	4
32	Aftermath of 3/11: Earthquakes and involuntary attentional orienting to sudden ambient sounds. <i>Biological Psychology</i> , 2013, 94, 419-425.	2.2	4
33	The effects of short afternoon nap and bright light on task switching performance and error-related negativity. <i>Sleep and Biological Rhythms</i> , 2013, 11, 125-134.	1.0	18
34	Physical Activity and Trial-by-Trial Adjustments of Response Conflict. <i>Journal of Sport and Exercise Psychology</i> , 2013, 35, 398-407.	1.2	17
35	Task difficulty affects the predictive process indexed by visual mismatch negativity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 267.	2.0	36
36	The Relationship between Flow, Sleepiness and Cognitive Performance: The Effects of Short Afternoon Nap and Bright Light Exposure. <i>Industrial Health</i> , 2012, 50, 189-196.	1.0	17

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37	Can a short nap and bright light function as implicit learning and visual search enhancers?. <i>Ergonomics</i> , 2012, 55, 1340-1349.	2.1	10
38	Visual Feature Integration Indicated by pPhase-Locked Frontal-Parietal EEG Signals. <i>PLoS ONE</i> , 2012, 7, e32502.	2.5	20
39	Assessment of Attentional Workload while Driving by Eye-fixation-related Potentials. <i>Kansei Engineering International Journal</i> , 2012, 11, 121-126.	0.1	18
40	Attention-free integration of spatial frequency-based information in natural scenes. <i>Vision Research</i> , 2012, 65, 38-44.	1.4	4
41	The relationship between phase synchronization frequency and temporal attention in the attentional blink. <i>Japanese Journal of Physiological Psychology and Psychophysiology</i> , 2012, 30, 243-254.	0.1	1
42	The relation of physical activity to functional connectivity between brain regions. <i>Clinical Neurophysiology</i> , 2011, 122, 81-89.	1.5	21
43	Influence of connection type on phase synchrony: analysis of a neural mass model. <i>Biological Cybernetics</i> , 2011, 105, 349-354.	1.3	5
44	Distractor devaluation effect in the attentional blink: Direct evidence for distractor inhibition.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2011, 37, 168-179.	0.9	17
45	Time course of the integration of spatial frequency-based information in natural scenes. <i>Vision Research</i> , 2010, 50, 2158-2162.	1.4	53
46	Frontal-parietal synchrony in elderly EEG for visual search. <i>International Journal of Psychophysiology</i> , 2010, 75, 39-43.	1.0	19
47	Regular physical activity improves executive function during task switching in young adults. <i>International Journal of Psychophysiology</i> , 2010, 75, 304-311.	1.0	87
48	Effect of spatial inhibition on saccade trajectory depends on location-based mechanisms. <i>Japanese Psychological Research</i> , 2009, 51, 35-46.	1.1	0
49	Greater frontal-parietal synchrony at low gamma-band frequencies for inefficient than efficient visual search in human EEG. <i>International Journal of Psychophysiology</i> , 2009, 73, 350-354.	1.0	71
50	General physical activity levels influence positive and negative priming effects in young adults. <i>Clinical Neurophysiology</i> , 2009, 120, 511-519.	1.5	38
51	Electrophysiological evidence for independent consolidation of multiple targets. <i>NeuroReport</i> , 2008, 19, 1493-1496.	1.2	5
52	A conjunctive feature similarity effect for visual search. <i>Quarterly Journal of Experimental Psychology</i> , 2007, 60, 186-190.	1.1	8
53	Cumulative intertrial inhibition in repeated visual search.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2007, 33, 518-529.	0.9	4
54	Probing attentional modulation of contextual cueing. <i>Visual Cognition</i> , 2007, 15, 276-289.	1.6	26

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55	Saccade trajectory under simultaneous inhibition for two locations. <i>Vision Research</i> , 2007, 47, 1537-1549.	1.4	3
56	An inter-item similarity model unifying feature and conjunction search. <i>Vision Research</i> , 2006, 46, 3867-3880.	1.4	9
57	Effect of previously fixated locations on saccade trajectory during free visual search. <i>Vision Research</i> , 2006, 46, 3831-3844.	1.4	15
58	Selective learning of spatial configuration and object identity in visual search. <i>Perception &amp; Psychophysics</i> , 2004, 66, 293-302.	2.3	96
59	Search for multiple targets: Evidence for memory-based control of attention. <i>Psychonomic Bulletin and Review</i> , 2004, 11, 71-76.	2.8	23
60	Inhibitory Tagging on Randomly Moving Objects. <i>Psychological Science</i> , 2002, 13, 125-129.	3.3	35
61	Global Interference: The Effect of Exposure Duration That is Substituted for Spatial Frequency. <i>Perception</i> , 2002, 31, 341-348.	1.2	9
62	Attention level and negative priming in hierarchical patterns1. <i>Japanese Psychological Research</i> , 2002, 44, 241-246.	1.1	1
63	Eye fixation related potentials in a proof reading task. <i>International Journal of Psychophysiology</i> , 2001, 40, 181-186.	1.0	36
64	Spatial and temporal variations in eye-fixation-related potentials. <i>Japanese Psychological Research</i> , 2000, 42, 69-75.	1.1	6
65	Inhibitory tagging in visual search can be found if search stimuli remain visible. <i>Perception &amp; Psychophysics</i> , 2000, 62, 927-934.	2.3	140
66	Observation of Visual ERP in Real Time. <i>Proceedings of the Human Factors and Ergonomics Society</i> , 2000, 44, 2-751-2-752.	0.3	1
67	The Similarity between Target and Nontarget Affects Different Processing Stages Depending on Stimulus Feature Dimensions: An ERP Study. <i>Japanese Psychological Research</i> , 0, , .	1.1	1