

Moshe Eizenman

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,739
citations

471509

17
h-index

580821

25
g-index

38
all docs

38
docs citations

38
times ranked

1584
citing authors

#	ARTICLE	IF	CITATIONS
1	General Theory of Remote Gaze Estimation Using the Pupil Center and Corneal Reflections. IEEE Transactions on Biomedical Engineering, 2006, 53, 1124-1133.	4.2	488
2	An on-road assessment of cognitive distraction: Impacts on drivers' visual behavior and braking performance. Accident Analysis and Prevention, 2007, 39, 372-379.	5.7	382
3	A naturalistic visual scanning approach to assess selective attention in major depressive disorder. Psychiatry Research, 2003, 118, 117-128.	3.3	216
4	Saccades in children. Vision Research, 2006, 46, 1432-1439.	1.4	71
5	A New Methodology for Determining Point-of-Gaze in Head-Mounted Eye Tracking Systems. IEEE Transactions on Biomedical Engineering, 2004, 51, 1765-1773.	4.2	50
6	An Automatic Personal Calibration Procedure for Advanced Gaze Estimation Systems. IEEE Transactions on Biomedical Engineering, 2010, 57, 1031-1039.	4.2	50
7	Attentional biases to body shape images in adolescents with anorexia nervosa: An exploratory eye-tracking study. Psychiatry Research, 2014, 220, 519-526.	3.3	49
8	Remote point-of-gaze estimation requiring a single-point calibration for applications with infants. , 2008, , .		43
9	Decreased Number of Self-Paced Saccades in Post-Concussion Syndrome Associated with Higher Symptom Burden and Reduced White Matter Integrity. Journal of Neurotrauma, 2018, 35, 719-729.	3.4	36
10	Investigation of the Cross-Ratios Method for Point-of-Gaze Estimation. IEEE Transactions on Biomedical Engineering, 2008, 55, 2293-2302.	4.2	32
11	Hybrid Eye-Tracking on a Smartphone with CNN Feature Extraction and an Infrared 3D Model. Sensors, 2020, 20, 543.	3.8	32
12	Gaze Patterns and Audiovisual Speech Enhancement. Journal of Speech, Language, and Hearing Research, 2013, 56, 471-480.	1.6	27
13	Exploring Visual Selective Attention towards Novel Stimuli in Alzheimer's Disease Patients. Dementia and Geriatric Cognitive Disorders Extra, 2015, 5, 492-502.	1.3	27
14	An Automated Hirschberg Test for Infants. IEEE Transactions on Biomedical Engineering, 2011, 58, 103-109.	4.2	26
15	Visual Selective Attention Toward Novel Stimuli Predicts Cognitive Decline in Alzheimer's Disease Patients. Journal of Alzheimer's Disease, 2016, 55, 1339-1349.	2.6	25
16	Identifying Absolute Preferred Retinal Locations during Binocular Viewing. Optometry and Vision Science, 2015, 92, 863-872.	1.2	24
17	Remote Point-of-Gaze Estimation with Free Head Movements Requiring a Single-Point Calibration. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 4556-60.	0.5	23
18	Objective Estimation of Visual Acuity with Preferential Looking. , 2011, 52, 708.		20

#	ARTICLE	IF	CITATIONS
19	Apathy and Attentional Biases in Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 51, 837-846.	2.6	19
20	Anonymous Indoor Navigation System on Handheld Mobile Devices for Visually Impaired. International Journal of Wireless Information Networks, 2012, 19, 352-367.	2.7	13
21	User-calibration-free remote eye-gaze tracking system with extended tracking range. , 2011, , .		12
22	Accurate Model-Based Point of Gaze Estimation on Mobile Devices. Vision (Switzerland), 2018, 2, 35.	1.2	12
23	SmartEye: An Accurate Infrared Eye Tracking System for Smartphones. , 2018, , .		10
24	Measuring Infant Visual Acuity with Gaze Tracker Monitored Visual Fixation. Optometry and Vision Science, 2015, 92, 823-833.	1.2	9
25	Analysis of subject-dependent point-of-gaze estimation bias in the cross-ratios method. , 2008, , .		8
26	Detection of Apathy in Alzheimer Patients by Analysing Visual Scanning Behaviour with RNNs. , 2018, , .		6
27	Models of local behavior of DNA electrophoresis peak parameters. Electrophoresis, 1999, 20, 1443-1454.	2.4	5
28	Antisaccade generation is impaired after parietal lobe lesions. Annals of the New York Academy of Sciences, 2011, 1233, 194-199.	3.8	5
29	Remote point-of-gaze estimation with single-point personal calibration based on the pupil boundary and corneal reflections. , 2011, , .		4
30	Detection and Correspondence Matching of Corneal Reflections for Eye Tracking Using Deep Learning. , 2021, , .		4
31	Dynamic Fusional Vergence Eye Movements in Congenital Esotropia. Open Ophthalmology Journal, 2008, 2, 9-14.	0.2	4
32	Vergence Eye Movements in Strabismus Patients. Annals of the New York Academy of Sciences, 2002, 956, 499-503.	3.8	2
33	Covert monitoring of the point-of-gaze. , 2009, , .		2
34	Effect of Methylphenidate for Apathy on Visual Attention Scanning Behavior: a Pilot Study. Canadian Geriatrics Journal, 2018, 21, 139-142.	1.2	2
35	Attention, novelty preference and the visual paired comparison task. Experimental Eye Research, 2019, 183, 52-56.	2.6	1
36	Eye movement and white matter integrity in patients with post-concussion syndrome. British Journal of Sports Medicine, 2017, 51, A34.1-A34.	6.7	0

#	ARTICLE	IF	CITATIONS
37	Visual Scanning Behaviour during a Visual Search Task: An Objective Indicator of White Matter Integrity in Patients with Post-Concussion Syndrome. , 2017, , .		0
38	A General End-to-End Method for Characterizing Neuropsychiatric Disorders using Free-Viewing Visual Scanning Tasks. , 2021, , .		0