

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	A General End-to-End Method for Characterizing Neuropsychiatric Disorders using Free-Viewing Visual Scanning Tasks. , 2021, , .		0
2	Detection and Correspondence Matching of Corneal Reflections for Eye Tracking Using Deep Learning. , 2021, , .		4
3	Hybrid Eye-Tracking on a Smartphone with CNN Feature Extraction and an Infrared 3D Model. Sensors, 2020, 20, 543.	3.8	32
4	Attention, novelty preference and the visual paired comparison task. Experimental Eye Research, 2019, 183, 52-56.	2.6	1
5	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
6	Accurate Model-Based Point of Gaze Estimation on Mobile Devices. Vision (Switzerland), 2018, 2, 35.	1.2	12
7	Effect of Methylphenidate for Apathy on Visual Attention Scanning Behavior: a Pilot Study. Canadian Geriatrics Journal, 2018, 21, 139-142.	1.2	2
8	SmartEye: An Accurate Infrared Eye Tracking System for Smartphones. , 2018, , .		10
9	Detection of Apathy in Alzheimer Patients by Analysing Visual Scanning Behaviour with RNNs. , 2018, , .		6
10	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
11	Visual Scanning Behaviour during a Visual Search Task: An Objective Indicator of White Matter Integrity in Patients with Post-Concussion Syndrome. , 2017, , .		0
12	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
13	Apathy and Attentional Biases in Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 51, 837-846.	2.6	19
14	Measuring Infant Visual Acuity with Gaze Tracker Monitored Visual Fixation. Optometry and Vision Science, 2015, 92, 823-833.	1.2	9
15	Identifying Absolute Preferred Retinal Locations during Binocular Viewing. Optometry and Vision Science, 2015, 92, 863-872.	1.2	24
16	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
17	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
18	Gaze Patterns and Audiovisual Speech Enhancement. Journal of Speech, Language, and Hearing Research, 2013, 56, 471-480.	1.6	27

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19	Anonymous Indoor Navigation System on Handheld Mobile Devices for Visually Impaired. International Journal of Wireless Information Networks, 2012, 19, 352-367.	2.7	13
20	User-calibration-free remote eye-gaze tracking system with extended tracking range. , 2011, , .		12
21	Antisaccade generation is impaired after parietal lobe lesions. Annals of the New York Academy of Sciences, 2011, 1233, 194-199.	3.8	5
22	An Automated Hirschberg Test for Infants. IEEE Transactions on Biomedical Engineering, 2011, 58, 103-109.	4.2	26
23	Remote point-of-gaze estimation with single-point personal calibration based on the pupil boundary and corneal reflections. , 2011, , .		4
24	Objective Estimation of Visual Acuity with Preferential Looking. , 2011, 52, 708.		20
25	An Automatic Personal Calibration Procedure for Advanced Gaze Estimation Systems. IEEE Transactions on Biomedical Engineering, 2010, 57, 1031-1039.	4.2	50
26	Covert monitoring of the point-of-gaze. , 2009, , .		2
27	Investigation of the Cross-Ratios Method for Point-of-Gaze Estimation. IEEE Transactions on Biomedical Engineering, 2008, 55, 2293-2302.	4.2	32
28	Remote point-of-gaze estimation requiring a single-point calibration for applications with infants. , 2008, , .		43
29	Analysis of subject-dependent point-of-gaze estimation bias in the cross-ratios method. , 2008, , .		8
30	Dynamic Fusional Vergence Eye Movements in Congenital Esotropia. Open Ophthalmology Journal, 2008, 2, 9-14.	0.2	4
31	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
32	An on-road assessment of cognitive distraction: Impacts on driversâ€™ visual behavior and braking performance. Accident Analysis and Prevention, 2007, 39, 372-379.	5.7	382
33	Saccades in children. Vision Research, 2006, 46, 1432-1439.	1.4	71
34	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
35	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
36	A naturalistic visual scanning approach to assess selective attention in major depressive disorder. Psychiatry Research, 2003, 118, 117-128.	3.3	216

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37	Vergence Eye Movements in Strabismus Patients. Annals of the New York Academy of Sciences, 2002, 956, 499-503.	3.8	2
38	Models of local behavior of DNA electrophoresis peak parameters. Electrophoresis, 1999, 20, 1443-1454.	2.4	5