Yoram S Bonneh

List of Publications by Year
in descending order

63	2,146	218677	243625
papers	citations	26 h-index	44 g-index

66	66	66	1714
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Fixation-related saccadic inhibition in free viewing in response to stimulus saliency. Scientific Reports, 2022, 12, 6619.	3.3	6
2	Involuntary oculomotor inhibition markers of saliency and deviance in response to auditory sequences. Journal of Vision, 2022, 22, 8.	0.3	11
3	Oculomotor inhibition during smooth pursuit and its dependence on contrast sensitivity. Journal of Vision, 2021, 21, 12.	0.3	9
4	Passive optical device to treat age-related macular degeneration and its cognitive perception aspects. OSA Continuum, 2021, 4, 1533.	1.8	0
5	What Makes an Image Interesting and How Can We Explain It. Frontiers in Psychology, 2021, 12, 668651.	2.1	0
6	Perceived Sensitivity to Pain and Responsiveness to Non-noxious Sensation in Substance Use Disorder. Pain Medicine, 2020, 21, 1902-1912.	1.9	6
7	Sequence Learning in Minimally Verbal Children With ASD and the Beneficial Effect of Vestibular Stimulation. Autism Research, 2020, 13, 320-337.	3.8	6
8	Concealed information revealed by involuntary eye movements on the fringe of awareness in a mock terror experiment. Scientific Reports, 2020, 10, 14355.	3.3	11
9	Investigating face and house discrimination at foveal to parafoveal locations reveals category-specific characteristics. Scientific Reports, 2020, 10, 8306.	3.3	10
10	Familiarity revealed by involuntary eye movements on the fringe of awareness. Scientific Reports, 2019, 9, 3029.	3.3	16
11	Editorial: The Medial Prefrontal Cortex and Integration in ASD and Typical Cognition. Frontiers in Human Neuroscience, 2019, 13, 74.	2.0	6
12	Microsaccades, Pursuit and Drift Modulations During Smooth Pursuit. Journal of Vision, 2019, 19, 302c.	0.3	1
13	Fixation-Related Potentials and Oculomotor Dynamics reveal Contrast Response and Adaptation in Free Viewing. Journal of Vision, 2019, 19, 122a.	0.3	1
14	Comparing set summary statistics and outlier pop out in vision. Journal of Vision, 2018, 18, 12.	0.3	22
15	Perception of Aversive Auditory Stimuli Is Different in Sensory Modulation Disorder and Attention Deficit Hyperactivity Disorder. American Journal of Occupational Therapy, 2018, 72, 7206205020p1.	0.3	2
16	Microsaccades are sensitive to word structure: A novel approach to study language processing. Scientific Reports, 2017, 7, 3999.	3.3	34
17	Asymmetric visual interactions across the boundary of awareness. Journal of Vision, 2016, 16, 4.	0.3	4
18	Contrast sensitivity revealed by spontaneous eyeblinks: Evidence for a common mechanism of oculomotor inhibition. Journal of Vision, 2016, 16, 1.	0.3	26

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19	Response: Commentary: Perceptual learning in autism: over-specificity and possible remedies. Frontiers in Integrative Neuroscience, 2016, 10, 36.	2.1	2
20	On the possible roles of microsaccades and drifts in visual perception. Vision Research, 2016, 118, 25-30.	1.4	27
21	The buildup of temporal anticipation revealed by microsaccades and eye-blinks. Journal of Vision, 2016, 16, 935.	0.3	5
22	Trainingâ€induced recovery of lowâ€level vision followed by midâ€level perceptual improvements in developmental object and face agnosia. Developmental Science, 2015, 18, 50-64.	2.4	13
23	Contrast sensitivity revealed by microsaccades. Journal of Vision, 2015, 15, 11.	0.3	52
24	Global statistics are not neglected. Journal of Vision, 2015, 15, 7.	0.3	28
25	The time course and characteristics of procedural learning in schizophrenia patients and healthy individuals. Frontiers in Human Neuroscience, 2015, 9, 475.	2.0	12
26	Pupil size tracks perceptual content and surprise. European Journal of Neuroscience, 2015, 41, 1068-1078.	2.6	122
27	Computing an Average When Part of the Population Is Not Perceived. Journal of Cognitive Neuroscience, 2015, 27, 1397-1411.	2.3	22
28	Perceptual learning in autism: over-specificity and possible remedies. Nature Neuroscience, 2015, 18, 1574-1576.	14.8	70
29	Comparing the executive attention of adult females with ADHD to that of females with sensory modulation disorder (SMD) under aversive and non-aversive auditory conditions. Research in Developmental Disabilities, 2015, 37, 17-30.	2.2	10
30	Motion-Induced Blindness and Troxler Fading: Common and Different Mechanisms. PLoS ONE, 2014, 9, e92894.	2.5	35
31	ADHD subjects fail to suppress eye blinks and microsaccades while anticipating visual stimuli but recover with medication. Vision Research, 2014, 101, 62-72.	1.4	119
32	Retinotopic Patterns of Correlated Fluctuations in Visual Cortex Reflect the Dynamics of Spontaneous Perceptual Suppression. Journal of Neuroscience, 2013, 33, 2188-2198.	3.6	36
33	Abnormal Speech Spectrum and Increased Pitch Variability in Young Autistic Children. Frontiers in Human Neuroscience, 2011, 4, 237.	2.0	111
34	Motion induced blindness. Scholarpedia Journal, 2011, 6, 3321.	0.3	10
35	Motion-induced blindness and microsaccades: Cause and effect. Journal of Vision, 2010, 10, 22-22.	0.3	42
36	Population Response to Contextual Influences in the Primary Visual Cortex. Cerebral Cortex, 2010, 20, 1293-1304.	2.9	43

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37	Early-vision brain responses which predict human visual segmentation and learning. Journal of Vision, 2009, 9, 12-12.	0.3	25
38	Seeing with Profoundly Deactivated Mid-level Visual Areas: Non-hierarchical Functioning in the Human Visual Cortex. Cerebral Cortex, 2009, 19, 1687-1703.	2.9	57
39	Backward masking suppresses collinear facilitation in the visual cortex. Vision Research, 2009, 49, 1784-1794.	1.4	24
40	Autism Overflows with Syntheses. Neuropsychology Review, 2009, 19, 273-274.	4.9	2
41	Multi-component correlate for lateral collinear interactions in the human visual cortex. Vision Research, 2008, 48, 1641-1647.	1.4	8
42	When they see, they see it almost right: Normal subjective experience of detected stimuli in spatial neglect. Neuroscience Letters, 2008, 446, 51-55.	2.1	2
43	Cross-modal extinction in a boy with severely autistic behaviour and high verbal intelligence. Cognitive Neuropsychology, 2008, 25, 635-652.	1.1	25
44	Opposite Neural Signatures of Motion-Induced Blindness in Human Dorsal and Ventral Visual Cortex. Journal of Neuroscience, 2008, 28, 10298-10310.	3.6	99
45	Spatial structure affects temporal judgments: Evidence for a synchrony binding code. Journal of Vision, 2008, 8, 12.	0.3	6
46	Extinction is not a natural consequence of unilateral spatial neglect: Evidence from contrast detection experiments. Neuroscience Letters, 2007, 420, 240-244.	2.1	16
47	Sensory and decisional factors in motion-induced blindness. Journal of Vision, 2007, 7, 4.	0.3	32
48	Spatial and temporal crowding in amblyopia. Vision Research, 2007, 47, 1950-1962.	1.4	90
49	Implicit integration in a case of integrative visual agnosia. Neuropsychologia, 2007, 45, 2066-2077.	1.6	17
50	Development of Sensitivity to Texture and Contour Information in the Human Infant. Journal of Cognitive Neuroscience, 2005, 17, 569-579.	2.3	37
51	Suppression of monocular visual direction under fused binocular stimulation: Evoked potential measurements. Journal of Vision, 2005, 5, 4.	0.3	8
52	Spatial interactions in amblyopia: Effects of stimulus parameters and amblyopia type. Vision Research, 2005, 45, 1471-1479.	1.4	49
53	Local and non-local deficits in amblyopia: acuity and spatial interactions. Vision Research, 2004, 44, 3099-3110.	1.4	73
54	Abnormal binocular rivalry in unilateral neglect: evidence for a non-spatial mechanism of extinction. NeuroReport, 2004, 15, 473-477.	1.2	35

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55	A transition between eye and object rivalry determined by stimulus coherence. Vision Research, 2001, 41, 981-989.	1.4	63
56	Motion-induced blindness in normal observers. Nature, 2001, 411, 798-801.	27.8	272
57	Collinear effects on 3-Gabor alignment as a function of spacing, orientation and detectability. Spatial Vision, 2001, 14, 139-150.	1.4	11
58	Collinear interactions and contour integration. Spatial Vision, 2000, 13, 393-401.	1.4	39
59	Mechanisms for spatial integration in visual detection: a model based on lateral interactions. Spatial Vision, 1999, 12, 187-209.	1.4	33
60	Configuration saliency revealed in short duration binocular rivalry. Vision Research, 1999, 39, 271-281.	1.4	42
61	Contrast integration across space. Vision Research, 1999, 39, 2597-2602.	1.4	32
62	Effects of spatial configuration on contrast detection. Vision Research, 1998, 38, 3541-3553.	1.4	103
63	Quantification of local symmetry: application to texture discrimination. Spatial Vision, 1994, 8, 515-530.	1.4	15