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	Motion-induced blindness in normal observers. Nature, 2001, 411, 798-801.	27.8	272
2	Pupil size tracks perceptual content and surprise. European Journal of Neuroscience, 2015, 41, 1068-1078.	2.6	122
3	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
4	Abnormal Speech Spectrum and Increased Pitch Variability in Young Autistic Children. Frontiers in Human Neuroscience, 2011, 4, 237.	2.0	111
5	Effects of spatial configuration on contrast detection. Vision Research, 1998, 38, 3541-3553.	1.4	103
6	Opposite Neural Signatures of Motion-Induced Blindness in Human Dorsal and Ventral Visual Cortex. Journal of Neuroscience, 2008, 28, 10298-10310.	3.6	99
7	Spatial and temporal crowding in amblyopia. Vision Research, 2007, 47, 1950-1962.	1.4	90
8	Local and non-local deficits in amblyopia: acuity and spatial interactions. Vision Research, 2004, 44, 3099-3110.	1.4	73
9	Perceptual learning in autism: over-specificity and possible remedies. Nature Neuroscience, 2015, 18, 1574-1576.	14.8	70
10	A transition between eye and object rivalry determined by stimulus coherence. Vision Research, 2001, 41, 981-989.	1.4	63
11	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
12	Contrast sensitivity revealed by microsaccades. Journal of Vision, 2015, 15, 11.	0.3	52
13	Spatial interactions in amblyopia: Effects of stimulus parameters and amblyopia type. Vision Research, 2005, 45, 1471-1479.	1.4	49
14	Population Response to Contextual Influences in the Primary Visual Cortex. Cerebral Cortex, 2010, 20, 1293-1304.	2.9	43
15	Configuration saliency revealed in short duration binocular rivalry. Vision Research, 1999, 39, 271-281.	1.4	42
16	Motion-induced blindness and microsaccades: Cause and effect. Journal of Vision, 2010, 10, 22-22.	0.3	42
17	Collinear interactions and contour integration. Spatial Vision, 2000, 13, 393-401.	1.4	39
18	Development of Sensitivity to Texture and Contour Information in the Human Infant. Journal of Cognitive Neuroscience, 2005, 17, 569-579.	2.3	37

#	Article	IF	Citations
19	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
20	Abnormal binocular rivalry in unilateral neglect: evidence for a non-spatial mechanism of extinction. NeuroReport, 2004, 15, 473-477.	1.2	35
21	Motion-Induced Blindness and Troxler Fading: Common and Different Mechanisms. PLoS ONE, 2014, 9, e92894.	2.5	35
22	Microsaccades are sensitive to word structure: A novel approach to study language processing. Scientific Reports, 2017, 7, 3999.	3.3	34
23	Mechanisms for spatial integration in visual detection: a model based on lateral interactions. Spatial Vision, 1999, 12, 187-209.	1.4	33
24	Contrast integration across space. Vision Research, 1999, 39, 2597-2602.	1.4	32
25	Sensory and decisional factors in motion-induced blindness. Journal of Vision, 2007, 7, 4.	0.3	32
26	Global statistics are not neglected. Journal of Vision, 2015, 15, 7.	0.3	28
27	On the possible roles of microsaccades and drifts in visual perception. Vision Research, 2016, 118, 25-30.	1.4	27
28	Contrast sensitivity revealed by spontaneous eyeblinks: Evidence for a common mechanism of oculomotor inhibition. Journal of Vision, 2016, 16, 1.	0.3	26
29	Cross-modal extinction in a boy with severely autistic behaviour and high verbal intelligence. Cognitive Neuropsychology, 2008, 25, 635-652.	1.1	25
30	Early-vision brain responses which predict human visual segmentation and learning. Journal of Vision, 2009, 9, 12-12.	0.3	25
31	Backward masking suppresses collinear facilitation in the visual cortex. Vision Research, 2009, 49, 1784-1794.	1.4	24
32	Computing an Average When Part of the Population Is Not Perceived. Journal of Cognitive Neuroscience, 2015, 27, 1397-1411.	2.3	22
33	Comparing set summary statistics and outlier pop out in vision. Journal of Vision, 2018, 18, 12.	0.3	22
34	Implicit integration in a case of integrative visual agnosia. Neuropsychologia, 2007, 45, 2066-2077.	1.6	17
35	Extinction is not a natural consequence of unilateral spatial neglect: Evidence from contrast detection experiments. Neuroscience Letters, 2007, 420, 240-244.	2.1	16
36	Familiarity revealed by involuntary eye movements on the fringe of awareness. Scientific Reports, 2019, 9, 3029.	3.3	16

#	Article	IF	Citations
37	Quantification of local symmetry: application to texture discrimination. Spatial Vision, 1994, 8, 515-530.	1.4	15
38	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
39	The time course and characteristics of procedural learning in schizophrenia patients and healthy individuals. Frontiers in Human Neuroscience, 2015, 9, 475.	2.0	12
40	Collinear effects on 3-Gabor alignment as a function of spacing, orientation and detectability. Spatial Vision, 2001, 14, 139-150.	1.4	11
41	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
42	Involuntary oculomotor inhibition markers of saliency and deviance in response to auditory sequences. Journal of Vision, 2022, 22, 8.	0.3	11
43	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
44	Investigating face and house discrimination at foveal to parafoveal locations reveals category-specific characteristics. Scientific Reports, 2020, 10, 8306.	3.3	10
45	Motion induced blindness. Scholarpedia Journal, 2011, 6, 3321.	0.3	10
46	Oculomotor inhibition during smooth pursuit and its dependence on contrast sensitivity. Journal of Vision, 2021, 21, 12.	0.3	9
47	Suppression of monocular visual direction under fused binocular stimulation: Evoked potential measurements. Journal of Vision, 2005, 5, 4.	0.3	8
48	Multi-component correlate for lateral collinear interactions in the human visual cortex. Vision Research, 2008, 48, 1641-1647.	1.4	8
49	Spatial structure affects temporal judgments: Evidence for a synchrony binding code. Journal of Vision, 2008, 8, 12.	0.3	6
50	Editorial: The Medial Prefrontal Cortex and Integration in ASD and Typical Cognition. Frontiers in Human Neuroscience, 2019, 13, 74.	2.0	6
51	Perceived Sensitivity to Pain and Responsiveness to Non-noxious Sensation in Substance Use Disorder. Pain Medicine, 2020, 21, 1902-1912.	1.9	6
52	Sequence Learning in Minimally Verbal Children With ASD and the Beneficial Effect of Vestibular Stimulation. Autism Research, 2020, 13, 320-337.	3.8	6
53	Fixation-related saccadic inhibition in free viewing in response to stimulus saliency. Scientific Reports, 2022, 12, 6619.	3.3	6
54	The buildup of temporal anticipation revealed by microsaccades and eye-blinks. Journal of Vision, 2016, 16, 935.	0.3	5

#	Article	IF	Citations
55	Asymmetric visual interactions across the boundary of awareness. Journal of Vision, 2016, 16, 4.	0.3	4
56	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
57	Autism Overflows with Syntheses. Neuropsychology Review, 2009, 19, 273-274.	4.9	2
58	Response: Commentary: Perceptual learning in autism: over-specificity and possible remedies. Frontiers in Integrative Neuroscience, 2016, 10, 36.	2.1	2
59	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
60	Microsaccades, Pursuit and Drift Modulations During Smooth Pursuit. Journal of Vision, 2019, 19, 302c.	0.3	1
61	Fixation-Related Potentials and Oculomotor Dynamics reveal Contrast Response and Adaptation in Free Viewing. Journal of Vision, 2019, 19, 122a.	0.3	1
62	Passive optical device to treat age-related macular degeneration and its cognitive perception aspects. OSA Continuum, 2021, 4, 1533.	1.8	0
63	What Makes an Image Interesting and How Can We Explain It. Frontiers in Psychology, 2021, 12, 668651.	2.1	0