

# Bruno G Breitmeyer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7860255/publications.pdf>

Version: 2024-02-01

107  
papers

6,026  
citations

109321

35  
h-index

76900

74  
g-index

118  
all docs

118  
docs citations

118  
times ranked

2254  
citing authors

#	ARTICLE	IF	CITATIONS
1	Significance and implications of visual shape processing at intermediate cortical levels. <i>Cognitive Neuropsychology</i> , 2022, 39, 71-74.	1.1	1
2	Visual Memory Scan Slopes: Their Changes over the First Two Seconds of Processing. <i>Vision (Switzerland)</i> , 2021, 5, 53.	1.2	0
3	Interactions between visual working memory and visual attention among survivors of pediatric acute lymphoblastic leukemia (ALL) and their healthy peers. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2019, 41, 974-986.	1.3	1
4	White Illusion: Effects of Inducer Contrast, Test-Bar Location, and Test-Bar Contrast. <i>Journal of Vision</i> , 2019, 19, 72b.	0.3	0
5	Can Contrast-Response Functions Indicate Visual Processing Levels?. <i>Vision (Switzerland)</i> , 2018, 2, 14.	1.2	4
6	Effects of Exogenous and Endogenous Attention on Metacontrast Masking. <i>Vision (Switzerland)</i> , 2018, 2, 39.	1.2	6
7	Contrast sensitivity indicates processing level of visual illusions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2018, 44, 1557-1566.	0.9	6
8	Effects of Inducer Contrast on Simultaneous Brightness and Poggendorf Illusions. <i>Journal of Vision</i> , 2017, 17, 472.	0.3	0
9	Metacontrast masking and attention do not interact. <i>Attention, Perception, and Psychophysics</i> , 2016, 78, 1363-1380.	1.3	13
10	Attention and Metacontrast Masking do not Interact. <i>Journal of Vision</i> , 2016, 16, 1267.	0.3	1
11	How do Endogenous Attention, Exogenous Attention and Metacontrast Masking Operate in Controlling Stimulus Visibility?. <i>Journal of Vision</i> , 2016, 16, 898.	0.3	3
12	Feedforward and feedback processes in vision. <i>Frontiers in Psychology</i> , 2015, 6, 279.	2.1	27
13	Exploring the visual (un)conscious. <i>Consciousness and Cognition</i> , 2015, 35, 178-184.	1.5	3
14	Psychophysical "blinding" methods reveal a functional hierarchy of unconscious visual processing. <i>Consciousness and Cognition</i> , 2015, 35, 234-250.	1.5	114
15	A statistical perspective to visual masking. <i>Vision Research</i> , 2015, 115, 23-39.	1.4	20
16	Exploring facial emotion perception in schizophrenia using transcranial magnetic stimulation and spatial filtering. <i>Journal of Psychiatric Research</i> , 2014, 58, 102-108.	3.1	5
17	Contributions of magno- and parvocellular channels to conscious and non-conscious vision. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130213.	4.0	43
18	Tracking the first two seconds: three stages of visual information processing?. <i>Psychonomic Bulletin and Review</i> , 2013, 20, 1114-1119.	2.8	20

#	ARTICLE	IF	CITATIONS
19	Spatial attention effects during conscious and nonconscious processing of visual features and objects.. Journal of Experimental Psychology: Human Perception and Performance, 2013, 39, 745-756.	0.9	8
20	Assessing temporal processing of facial emotion perception with transcranial magnetic stimulation. Brain and Behavior, 2013, 3, 263-272.	2.2	3
21	Object Substitution Masking in Schizophrenia: An Event-Related Potential Analysis. Frontiers in Psychology, 2013, 4, 30.	2.1	9
22	Nonconscious and conscious color priming in schizophrenia. Journal of Psychiatric Research, 2012, 46, 1312-1317.	3.1	12
23	Microgenesis of surface completion in visual objects: Evidence for filling-out. Vision Research, 2012, 55, 11-18.	1.4	6
24	The attentional blink in schizophrenia: Isolating the perception/attention interface. Journal of Psychiatric Research, 2011, 45, 1346-1351.	3.1	20
25	Metacontrast masking with texture-defined second-order stimuli. Vision Research, 2011, 51, 2453-2461.	1.4	6
26	Properties of spatial attention in conscious and nonconscious visual information processing. Consciousness and Cognition, 2011, 20, 426-431.	1.5	10
27	Visual Consciousness Revisited. Psychological Science, 2011, 22, 934-942.	3.3	43
28	Roles of contour and surface processing in microgenesis of object perception and visual consciousness. Advances in Cognitive Psychology, 2011, 7, 68-81.	0.5	9
29	Role of task-directed attention in nonconscious and conscious response priming by form and color.. Journal of Experimental Psychology: Human Perception and Performance, 2010, 36, 74-87.	0.9	54
30	Metacontrast masking within and between visual channels: Effects of orientation and spatial frequency contrasts. Journal of Vision, 2010, 10, 12-12.	0.3	12
31	Unconscious processing of color and form in metacontrast masking. Perception & Psychophysics, 2009, 71, 95-103.	2.3	29
32	Effects of contrast polarity in paracontrast masking. Attention, Perception, and Psychophysics, 2009, 71, 1576-1587.	1.3	9
33	Revisiting the metacontrast dissociation: Comparing sensitivity across different measures and tasks. Quarterly Journal of Experimental Psychology, 2009, 62, 286-309.	1.1	23
34	â€˜Change of Mindâ€™ within and between nonconscious (masked) and conscious (unmasked) visual processing. Consciousness and Cognition, 2008, 17, 254-266.	1.5	5
35	Functional hierarchies of nonconscious visual processing. Vision Research, 2008, 48, 1509-1513.	1.4	18
36	Metacontrast masking and stimulus contrast polarity. Vision Research, 2008, 48, 2433-2438.	1.4	13

#	ARTICLE	IF	CITATIONS
37	Motion, Not Masking, Provides the Medium for Feature Attribution. <i>Psychological Science</i> , 2008, 19, 823-829.	3.3	16
38	Metacontrast, target recovery, and the magno- and parvocellular systems: A reply to the perspective. <i>Visual Neuroscience</i> , 2008, 25, 611-616.	1.0	11
39	Subliminal processing of smoking-related and affective stimuli in tobacco addiction.. <i>Experimental and Clinical Psychopharmacology</i> , 2008, 16, 301-312.	1.8	27
40	Central factors contributing to para-contrast modulation of contour and brightness perception. <i>Visual Neuroscience</i> , 2007, 24, 191-196.	1.0	4
41	Comparing sensitivity across different processing measures under metacontrast masking conditions. <i>Vision Research</i> , 2007, 47, 3335-3349.	1.4	20
42	Unconscious, stimulus-dependent priming and conscious, percept-dependent priming with chromatic stimuli. <i>Perception &amp; Psychophysics</i> , 2007, 69, 550-557.	2.3	31
43	Visual masking: past accomplishments, present status, future developments. <i>Advances in Cognitive Psychology</i> , 2007, 3, 9-20.	0.5	109
44	Visual masking. <i>Scholarpedia Journal</i> , 2007, 2, 3330.	0.3	13
45	Forward and Backward Visual Masking in Unaffected Siblings of Schizophrenic Patients. <i>Biological Psychiatry</i> , 2006, 59, 446-451.	1.3	43
46	Meta- and paracontrast reveal differences between contour- and brightness-processing mechanisms. <i>Vision Research</i> , 2006, 46, 2645-2658.	1.4	75
47	Target recovery in metacontrast: The effect of contrast. <i>Vision Research</i> , 2006, 46, 4726-4734.	1.4	26
48	Modulation of Attention During Visual Masking in Schizophrenia. <i>American Journal of Psychiatry</i> , 2005, 162, 1533-1535.	7.2	38
49	Event-Related Gamma Activity in Schizophrenia Patients During a Visual Backward-Masking Task. <i>American Journal of Psychiatry</i> , 2005, 162, 2330-2336.	7.2	66
50	Unconscious and conscious priming by forms and their parts. <i>Visual Cognition</i> , 2005, 12, 720-736.	1.6	35
51	Visual processing in schizophrenia: Structural equation modeling of visual masking performance. <i>Schizophrenia Research</i> , 2005, 78, 251-260.	2.0	10
52	Unconscious Color Priming Occurs at Stimulus- Not Percept-Dependent Levels of Processing. <i>Psychological Science</i> , 2004, 15, 198-202.	3.3	116
53	A comparison of masking by visual and transcranial magnetic stimulation: implications for the study of conscious and unconscious visual processing. <i>Consciousness and Cognition</i> , 2004, 13, 829-843.	1.5	48
54	Unconscious priming by color and form: Different processes and levels. <i>Consciousness and Cognition</i> , 2004, 13, 138-157.	1.5	60

#	ARTICLE	IF	CITATIONS
55	Paracontrast and metacontrast in schizophrenia: clarifying the mechanism for visual masking deficits. <i>Schizophrenia Research</i> , 2004, 71, 485-492.	2.0	36
56	Feedback Contributions to Visual Awareness in Human Occipital Cortex. <i>Current Biology</i> , 2003, 13, 1038-1041.	3.9	149
57	Visual masking as a probe for abnormal gamma range activity in schizophrenia. <i>Biological Psychiatry</i> , 2003, 53, 1113-1119.	1.3	96
58	The what and where in visual masking. <i>Vision Research</i> , 2003, 43, 1337-1350.	1.4	140
59	Development of a computerized assessment for visual masking. <i>International Journal of Methods in Psychiatric Research</i> , 2002, 11, 83-89.	2.1	27
60	In Support of Pockett's Critique of Libet's Studies of the Time Course of Consciousness. <i>Consciousness and Cognition</i> , 2002, 11, 280-283.	1.5	16
61	Recent models and findings in visual backward masking: A comparison, review, and update. <i>Perception &amp; Psychophysics</i> , 2000, 62, 1572-1595.	2.3	436
62	The roles of location specificity and masking mechanisms in the attentional blink. <i>Perception &amp; Psychophysics</i> , 1999, 61, 798-809.	2.3	43
63	Colored Overlays for Visual Perceptual Deficits in Children with Reading Disability and Attention Deficit/Hyperactivity Disorder: Are They Differentially Effective?. <i>Journal of Clinical and Experimental Neuropsychology</i> , 1998, 20, 791-806.	1.3	42
64	Discriminability of random-dot stereograms in three-dimensional space. <i>International Journal of Neuroscience</i> , 1995, 80, 247-253.	1.6	22
65	Effects of background color on reaction time to stimuli varying in size and contrast: Inferences about human M channels. <i>Vision Research</i> , 1994, 34, 1039-1045.	1.4	72
66	Express saccades: Attention, fixation or both?. <i>Behavioral and Brain Sciences</i> , 1993, 16, 572-572.	0.7	2
67	Parallel Processing in Human Vision: History, Review, and Critique. <i>Advances in Psychology</i> , 1992, 86, 37-78.	0.1	15
68	Metacontrast reveals asymmetries at red-green isoluminance. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 1991, 8, 1324.	1.5	22
69	Metacontrast with masks varying in spatial frequency and wavelength. <i>Vision Research</i> , 1991, 31, 2017-2023.	1.4	34
70	Ups and downs of the visual field: Manipulation and locomotion. <i>Behavioral and Brain Sciences</i> , 1990, 13, 545-546.	0.7	1
71	Effects of isoluminant-background color on metacontrast and stroboscopic motion: Interactions between sustained (P) and transient (M) channels. <i>Vision Research</i> , 1990, 30, 1069-1075.	1.4	95
72	A Visually Based Deficit in Specific Reading Disability. <i>Irish Journal of Psychology</i> , 1989, 10, 534-541.	0.2	36

#	ARTICLE	IF	CITATIONS
73	The effects of dichoptic and binocular viewing on bistable motion percepts. <i>Vision Research</i> , 1989, 29, 1215-1219.	1.4	9
74	A choice reaction time analysis of spatial frequency discrimination. <i>Vision Research</i> , 1989, 29, 1575-1586.	1.4	11
75	A Discussion of Models of Motion Perception. , 1989, , 251-259.		1
76	Spatial frequency and contrast effects on percepts of bistable stroboscopic motion. <i>Perception &amp; Psychophysics</i> , 1988, 44, 525-531.	2.3	14
77	The role of visual pattern persistence in bistable stroboscopic motion. <i>Vision Research</i> , 1986, 26, 1801-1806.	1.4	52
78	Visual persistence and the effect of eccentric viewing, element size, and frame duration on bistable stroboscopic motion percepts. <i>Perception &amp; Psychophysics</i> , 1986, 39, 275-280.	2.3	51
79	Eye Movements and Visual Pattern Perception. , 1986, , 65-86.		6
80	Problems with the psychophysics of intention. <i>Behavioral and Brain Sciences</i> , 1985, 8, 539-540.	0.7	73
81	Stationary patterns suppress the perception of stroboscopic motion. <i>Vision Research</i> , 1985, 25, 1501-1505.	1.4	16
82	Icon as visual persistence: Alive and well. <i>Behavioral and Brain Sciences</i> , 1983, 6, 15-16.	0.7	5
83	Sensory Masking, Persistence, and Enhancement in Visual Exploration and Reading. , 1983, , 3-30.		19
84	The existence and role of retinotopic and spatiotopic forms of visual persistence. <i>Acta Psychologica</i> , 1982, 52, 175-196.	1.5	133
85	On the role of stroboscopic motion in metacontrast. <i>Bulletin of the Psychonomic Society</i> , 1981, 17, 29-32.	0.2	21
86	Flicker masking in spatial vision. <i>Vision Research</i> , 1981, 21, 1377-1385.	1.4	82
87	Metacontrast investigations of sustainedâ€“transient channel inhibitory interactions.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1981, 7, 770-779.	0.9	40
88	Backward masking by pattern stimulus onset.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 1981, 7, 972-977.	0.9	22
89	A single-transient masking paradigm. <i>Perception &amp; Psychophysics</i> , 1981, 30, 604-606.	2.3	11
90	Unmasking visual masking: A look at the "why" behind the veil of the "how.". <i>Psychological Review</i> , 1980, 87, 52-69.	3.8	297

#	ARTICLE	IF	CITATIONS
91	Contrast sensitivity and binocular brightness: Dioptic and dichoptic luminance conditions. Perception & Psychophysics, 1980, 27, 180-181.	2.3	5
92	The lateral effect of oscillation of peripheral luminance gratings: Test of various hypotheses. Vision Research, 1980, 20, 789-798.	1.4	24
93	The lateral effect of oscillation of peripheral luminance gratings on the foveal increment threshold. Vision Research, 1980, 20, 799-805.	1.4	34
94	Disinhibition in metacontrast masking of vernier acuity targets: Sustained channels inhibit transient channels. Vision Research, 1978, 18, 1401-1405.	1.4	34
95	Metacontrast with black and white stimuli: Evidence for inhibition of on- and off-sustained activity by either on- or off-transient activity. Vision Research, 1978, 18, 1443-1448.	1.4	23
96	Metacontrast masking as a function of mask energy. Bulletin of the Psychonomic Society, 1978, 12, 50-52.	0.2	35
97	Existence and Implications of a Tilted Binocular Disparity Space. Perception, 1977, 6, 161-164.	1.2	33
98	Temporal studies with flashed gratings: Inferences about human transient and sustained channels. Vision Research, 1977, 17, 861-865.	1.4	175
99	Binocular-Disparity-Dependent Upper and Lower Hemifield Anisotropy and Left and Right Hemifield Isotropy as Revealed by Dynamic Random-Dot Stereograms. Perception, 1976, 5, 129-141.	1.2	86
100	'U'-shaped backward contour masking during stroboscopic motion.. Journal of Experimental Psychology: Human Perception and Performance, 1976, 2, 167-173.	0.9	20
101	Implications of sustained and transient channels for theories of visual pattern masking, saccadic suppression, and information processing.. Psychological Review, 1976, 83, 1-36.	3.8	1,229
102	Predictions of U-Shaped Backward Pattern Masking from Considerations of the Spatio-Temporal Frequency Response. Perception, 1975, 4, 297-304.	1.2	13
103	The role of on and off transients in determining the psychophysical spatial frequency response. Vision Research, 1975, 15, 411-415.	1.4	97
104	Simple reaction time as a measure of the temporal response properties of transient and sustained channels. Vision Research, 1975, 15, 1411-1412.	1.4	355
105	Contour suppression during stroboscopic motion and metacontrast. Vision Research, 1974, 14, 1451-1456.	1.4	63
106	A relationship between the detection of size, rate, orientation and direction in the human visual system. Vision Research, 1973, 13, 41-58.	1.4	43
107	Frequency-specific color adaptation in the human visual system. Perception & Psychophysics, 1972, 11, 95-96.	2.3	42