David Burr

List of Publications by Year
in descending order

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91	7,749	94269 37	54797 84
papers	citations	h-index	g-index

91	91	91	4907
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The pupil responds spontaneously to perceived numerosity. Nature Communications, 2021, 12, 5944.	5.8	17
2	Adaptation to the Speed of Biological Motion in Autism. Journal of Autism and Developmental Disorders, 2020, 50, 373-385.	1.7	8
3	Fast saccadic eye-movements in humans suggest that numerosity perception is automatic and direct. Proceedings of the Royal Society B: Biological Sciences, 2020, 287, 20201884.	1.2	12
4	Serial dependence in perception requires conscious awareness. Current Biology, 2020, 30, R257-R258.	1.8	39
5	Cue Combination Within a Bayesian Framework. Springer Handbook of Auditory Research, 2019, , 9-31.	0.3	23
6	Reprint of â€œInvestigating ensemble perception of emotions in autistic and typical children and adolescentsâ€• Developmental Cognitive Neuroscience, 2018, 29, 97-107.	1.9	0
7	Past visual experiences weigh in on body size estimation. Scientific Reports, 2018, 8, 215.	1.6	37
8	Temporal Coding of Visual Space. Trends in Cognitive Sciences, 2018, 22, 883-895.	4.0	75
9	Ensemble perception of emotions in autistic and typical children and adolescents. Developmental Cognitive Neuroscience, 2017, 24, 51-62.	1.9	14
10	Audio-visual temporal perception in children with restored hearing. Neuropsychologia, 2017, 99, 350-359.	0.7	15
11	Binocular rivalry in children on the autism spectrum. Autism Research, 2017, 10, 1096-1106.	2.1	18
12	The light-from-above prior is intact in autistic children. Journal of Experimental Child Psychology, 2017, 161, 113-125.	0.7	37
13	Serial dependencies act directly on perception. Journal of Vision, 2017, 17, 6.	0.1	139
14	Adaptation to numerosity requires only brief exposures, and is determined by number of events, not exposure duration. Journal of Vision, 2016, 16, 22.	0.1	34
15	Adaptation to size affects saccades with long but not short latencies. Journal of Vision, 2016, 16, 2.	0.1	5
16	No rapid audiovisual recalibration in adults on the autism spectrum. Scientific Reports, 2016, 6, 21756.	1.6	62
17	Early visual deprivation severely compromises the auditory sense of space in congenitally blind children.. Developmental Psychology, 2016, 52, 847-853.	1.2	61
18	Predictive coding of multisensory timing. Current Opinion in Behavioral Sciences, 2016, 8, 200-206.	2.0	59

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19	Different coding strategies for the perception of stable and changeable facial attributes. Scientific Reports, 2016, 6, 32239.	1.6	102
20	Central tendency effects in time interval reproduction in autism. Scientific Reports, 2016, 6, 28570.	1.6	88
21	Numerical Estimation in Children With Autism. Autism Research, 2015, 8, 668-681.	2.1	18
22	Children do not recalibrate motorâ€sensory temporal order after exposure to delayed sensory feedback. Developmental Science, 2015, 18, 703-712.	1.3	18
23	Visual mislocalization during saccade sequences. Experimental Brain Research, 2015, 233, 577-585.	0.7	22
24	Atypicalities in Perceptual Adaptation in Autism Do Not Extend to Perceptual Causality. PLoS ONE, 2015, 10, e0120439.	1.1	26
25	Tactile feedback improves auditory spatial localization. Frontiers in Psychology, 2014, 5, 1121.	1.1	19
26	Development of context dependency in human space perception. Experimental Brain Research, 2014, 232, 3965-3976.	0.7	33
27	Musical training generalises across modalities and reveals efficient and adaptive mechanisms for reproducing temporal intervals. Acta Psychologica, 2014, 147, 25-33.	0.7	20
28	Vision: Efficient Adaptive Coding. Current Biology, 2014, 24, R1096-R1098.	1.8	73
29	Contextual effects in interval-duration judgements in vision, audition and touch. Experimental Brain Research, 2013, 230, 87-98.	0.7	29
30	Spatiotopic neural representations develop slowly across saccades. Current Biology, 2013, 23, R193-R194.	1.8	59
31	A Mechanism for Detecting Coincidence of Auditory and Visual Spatial Signals. Multisensory Research, 2013, 26, 333-345.	0.6	2
32	The "motion silencing" illusion results from global motion and crowding. Journal of Vision, 2013, 13, 14-14.	0.1	8
33	Spatiotemporal filtering and motion illusions. Journal of Vision, 2013, 13, 21-21.	0.1	3
34	Visual motion distorts visual and motor space. Journal of Vision, 2012, 12, 10-10.	0.1	18
35	Spatiotopic perceptual maps in humans: evidence from motion adaptation. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 3091-3097.	1.2	55
36	Visual size perception and haptic calibration during development. Developmental Science, 2012, 15, 854-862.	1.3	9

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37	Number, texture and crowding. Trends in Cognitive Sciences, 2012, 16, 196-197.	4.0	18
38	Visual size perception and haptic calibration during development. Developmental Science, 2012, 15, 854-862.	1.3	43
39	When the world becomes â€˜too realâ€™: a Bayesian explanation of autistic perception. Trends in Cognitive Sciences, 2012, 16, 504-510.	4.0	808
40	Response to Brock: noise and autism. Trends in Cognitive Sciences, 2012, 16, 574-575.	4.0	16
41	Development of Visuo-Auditory Integration in Space and Time. Frontiers in Integrative Neuroscience, 2012, 6, 77.	1.0	131
42	"Non-retinotopic processing" in Ternus motion displays modeled by spatiotemporal filters. Journal of Vision, 2012, 12, 10-10.	0.1	41
43	Spatiotemporal dynamics of perisaccadic remapping in humans revealed by classification images. Journal of Vision, 2012, 12, 11-11.	0.1	4
44	Active movement restores veridical event-timing after tactile adaptation. Journal of Neurophysiology, 2012, 108, 2092-2100.	0.9	25
45	Impaired visual size-discrimination in children with movement disorders. Neuropsychologia, 2012, 50, 1838-1843.	0.7	37
46	Optimal encoding of interval timing in expert percussionists. Nature Precedings, 2011, , .	0.1	0
47	Cross-Sensory Facilitation Reveals Neural Interactions between Visual and Tactile Motion in Humans. Frontiers in Psychology, 2011, 2, 55.	1.1	41
48	Vision and Audition Do Not Share Attentional Resources in Sustained Tasks. Frontiers in Psychology, 2011, 2, 56.	1.1	55
49	Perceived duration of Visual and Tactile Stimuli Depends on Perceived Speed. Frontiers in Integrative Neuroscience, 2011, 5, 51.	1.0	53
50	Direct and Indirect Haptic Calibration of Visual Size Judgments. PLoS ONE, 2011, 6, e25599.	1.1	28
51	Motion psychophysics: 1985â€“2010. Vision Research, 2011, 51, 1431-1456.	0.7	192
52	Visual Perception: More Than Meets the Eye. Current Biology, 2011, 21, R159-R161.	1.8	7
53	Spatiotopic Visual Maps Revealed by Saccadic Adaptation in Humans. Current Biology, 2011, 21, 1380-1384.	1.8	35
54	Adaptation Affects Both High and Low (Subitized) Numbers Under Conditions of High Attentional Load. Seeing and Perceiving, 2011, 24, 141-150.	0.4	40

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55	Multisensory Integration Develops Late in Humans. Frontiers in Neuroscience, 2011, , 345-362.	0.0	20
56	Multisensory Integration Develops Late in Humans. Frontiers in Neuroscience, 2011, , 345-362.	0.0	15
57	Poor Haptic Orientation Discrimination in Nonsighted Children May Reflect Disruption of Cross-Sensory Calibration. Current Biology, 2010, 20, 223-225.	1.8	163
58	Vision senses number directly. Nature Precedings, 2009, , .	0.1	0
59	Meaningful auditory information enhances perception of visual biological motion. Journal of Vision, 2009, 9, 25-25.	0.1	40
60	Temporal mechanisms of multimodal binding. Proceedings of the Royal Society B: Biological Sciences, 2009, 276, 1761-1769.	1.2	47
61	Visual aftereffects. Current Biology, 2009, 19, R11-R14.	1.8	158
62	Auditory dominance over vision in the perception of interval duration. Experimental Brain Research, 2009, 198, 49-57.	0.7	202
63	A Visual Sense of Number. Current Biology, 2008, 18, 425-428.	1.8	537
64	Response: Visual number. Current Biology, 2008, 18, R857-R858.	1.8	24
65	The knowing visual self. Trends in Cognitive Sciences, 2008, 12, 363-364.	4.0	14
66	Young children do not integrate visual and haptic information. Nature Precedings, 2008, , .	0.1	1
67	Cross-modal facilitation of visual and tactile motion. Nature Precedings, 2008, , .	0.1	0
68	Neural mechanisms for timing visual events are spatially selective in real-world coordinates. Nature Neuroscience, 2007, 10, 423-425.	7.1	230
69	Abnormal Adaptive Face-Coding Mechanisms in Children with Autism Spectrum Disorder. Current Biology, 2007, 17, 1508-1512.	1.8	169
70	Perceptual synchrony of audiovisual streams for natural and artificial motion sequences. Journal of Vision, 2006, 6, 6.	0.1	73
71	Resolution for spatial segregation and spatial localization by motion signals. Vision Research, 2006, 46, 932-939.	0.7	12
72	Time Perception: Spaceâ€“Time in the Brain. Current Biology, 2006, 16, R171-R173.	1.8	36

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73	Perception: Transient Disruptions to Neural Spaceâ€“Time. Current Biology, 2006, 16, R847-R849.	1.8	11
74	Chapter 14 Combining visual and auditory information. Progress in Brain Research, 2006, 155, 243-258.	0.9	87
75	Separate attentional resources for vision and audition. Proceedings of the Royal Society B: Biological Sciences, 2006, 273, 1339-1345.	1.2	120
76	Saccadic eye movements cause compression of time as well as space. Nature Neuroscience, 2005, 8, 950-954.	7.1	391
77	Perceived timing of first- and second-order changes in vision and hearing. Experimental Brain Research, 2005, 166, 445-454.	0.7	7
78	Effect of Saccadic Adaptation on Localization of Visual Targets. Journal of Neurophysiology, 2005, 93, 3605-3614.	0.9	86
79	Higher-level mechanisms detect facial symmetry. Proceedings of the Royal Society B: Biological Sciences, 2005, 272, 1379-1384.	1.2	51
80	Neural latencies do not explain the auditory and audio-visual flash-lag effect. Vision Research, 2005, 45, 2917-2925.	0.7	24
81	No direction-specific bimodal facilitation for audiovisual motion detection. Cognitive Brain Research, 2004, 19, 185-194.	3.3	110
82	The Ventriloquist Effect Results from Near-Optimal Bimodal Integration. Current Biology, 2004, 14, 257-262.	1.8	1,523
83	Vision: The World through Picket Fences. Current Biology, 2004, 14, R381-R382.	1.8	18
84	The â€œFlash-Lagâ€•Effect Occurs in Audition and Cross-Modally. Current Biology, 2003, 13, 59-63.	1.8	102
85	A featureâ€“based model of symmetry detection. Proceedings of the Royal Society B: Biological Sciences, 2003, 270, 1727-1733.	1.2	36
86	Saccadic compression can improve detection of Glass patterns. Vision Research, 2002, 42, 1361-1366.	0.7	5
87	Motion vision: Are â€˜speed linesâ€™ used in human visual motion?. Current Biology, 2000, 10, R440-R443.	1.8	51
88	Vision: Modular analysis â€“ or not?. Current Biology, 1999, 9, R90-R92.	1.8	13
89	Suppression of the magnocellular pathway during saccades. Behavioural Brain Research, 1996, 80, 1-8.	1.2	92
90	Visual processing of motion. Trends in Neurosciences, 1986, 9, 304-307.	4.2	142

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91	Motion smear. Nature, 1980, 284, 164-165.	13.7	308