

Fiona N Newell

List of Publications by Year in descending order

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Version: 2024-02-01

108
papers

3,509
citations

136950

32
h-index

161849

54
g-index

112
all docs

112
docs citations

112
times ranked

2734
citing authors

#	ARTICLE	IF	CITATIONS
1	Multisensory Processing in Review: from Physiology to Behaviour. <i>Seeing and Perceiving</i> , 2010, 23, 3-38.	0.3	239
2	Viewpoint Dependence in Visual and Haptic Object Recognition. <i>Psychological Science</i> , 2001, 12, 37-42.	3.3	231
3	Is inefficient multisensory processing associated with falls in older people?. <i>Experimental Brain Research</i> , 2011, 209, 375-384.	1.5	152
4	Familial patterns and the origins of individual differences in synaesthesia. <i>Cognition</i> , 2008, 106, 871-893.	2.2	144
5	Synaesthesia is associated with enhanced, self-rated visual imagery. <i>Consciousness and Cognition</i> , 2008, 17, 1032-1039.	1.5	113
6	Vision and touch: Independent or integrated systems for the perception of texture?. <i>Brain Research</i> , 2008, 1242, 59-72.	2.2	106
7	Differences in early sensory-perceptual processing in synesthesia: A visual evoked potential study. <i>NeuroImage</i> , 2008, 43, 605-613.	4.2	101
8	Visual, haptic and crossmodal recognition of scenes. <i>Experimental Brain Research</i> , 2005, 161, 233-242.	1.5	99
9	Improving the efficiency of multisensory integration in older adults: Audio-visual temporal discrimination training reduces susceptibility to the sound-induced flash illusion. <i>Neuropsychologia</i> , 2014, 61, 259-268.	1.6	96
10	The sound-induced flash illusion reveals dissociable age-related effects in multisensory integration. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 250.	3.4	92
11	Active and passive touch differentially activate somatosensory cortex in texture perception. <i>Human Brain Mapping</i> , 2011, 32, 1067-1080.	3.6	86
12	Familiarity Breeds Attraction: Effects of Exposure on the Attractiveness of Typical and Distinctive Faces. <i>Perception</i> , 2004, 33, 147-157.	1.2	85
13	Visual and haptic representations of scenes are updated with observer movement. <i>Experimental Brain Research</i> , 2005, 166, 481-488.	1.5	83
14	Categorical perception of familiar objects. <i>Cognition</i> , 2002, 85, 113-143.	2.2	63
15	The role of visual experience on the representation and updating of novel haptic scenes. <i>Brain and Cognition</i> , 2007, 65, 184-194.	1.8	63
16	What you see is what you hear: Twenty years of research using the Sound-Induced Flash Illusion. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 118, 759-774.	6.1	63
17	A standing posture is associated with increased susceptibility to the sound-induced flash illusion in fall-prone older adults. <i>Experimental Brain Research</i> , 2014, 232, 423-434.	1.5	59
18	Successful balance training is associated with improved multisensory function in fall-prone older adults. <i>Computers in Human Behavior</i> , 2015, 45, 192-203.	8.5	59

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19	Audiovisual temporal discrimination is less efficient with aging. <i>NeuroReport</i> , 2011, 22, 554-558.	1.2	58
20	The Effect of Depth Rotation on Object Identification. <i>Perception</i> , 1997, 26, 1231-1257.	1.2	50
21	A Wii Bit of Fun: A Novel Platform to Deliver Effective Balance Training to Older Adults. <i>Games for Health Journal</i> , 2015, 4, 423-433.	2.0	50
22	Ambient visual information confers a context-specific, long-term benefit on memory for haptic scenes. <i>Cognition</i> , 2013, 128, 363-379.	2.2	49
23	Recognizing Unfamiliar Faces: The Effects of Distinctiveness and View. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 1999, 52, 509-534.	2.3	48
24	Individual differences in ageing, cognitive status, and sex on susceptibility to the sound-induced flash illusion: A large-scale study.. <i>Psychology and Aging</i> , 2019, 34, 978-990.	1.6	46
25	Visual, haptic and cross-modal recognition of objects and scenes. <i>Journal of Physiology (Paris)</i> , 2004, 98, 147-159.	2.1	41
26	Evaluating the emotional content of human motions on real and virtual characters. , 2008, , .		40
27	Susceptibility to a multisensory speech illusion in older persons is driven by perceptual processes. <i>Frontiers in Psychology</i> , 2013, 4, 575.	2.1	40
28	Categorical perception of sex occurs in familiar but not unfamiliar faces. <i>Visual Cognition</i> , 2004, 11, 823-855.	1.6	38
29	Investigating the role of body shape on the perception of emotion. <i>ACM Transactions on Applied Perception</i> , 2009, 6, 1-11.	1.9	37
30	Behavioral evidence for task-dependent "what" versus "where" processing within and across modalities. <i>Perception & Psychophysics</i> , 2008, 70, 36-49.	2.3	36
31	Synesthesia, Meaning, and Multilingual Speakers. , 2013, , .		36
32	The Effect of Combined Sensory and Semantic Components on Audio-Visual Speech Perception in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2011, 3, 19.	3.4	35
33	Task-specific transfer of perceptual learning across sensory modalities. <i>Current Biology</i> , 2016, 26, R20-R21.	3.9	35
34	The role of characteristic motion in object categorization. <i>Journal of Vision</i> , 2004, 4, 5.	0.3	34
35	Multisensory recognition of actively explored objects.. <i>Canadian Journal of Experimental Psychology</i> , 2007, 61, 242-253.	0.8	34
36	Perceptual learning shapes multisensory causal inference via two distinct mechanisms. <i>Scientific Reports</i> , 2016, 6, 24673.	3.3	33

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37	Menstrual cycle phase modulates cognitive control over male but not female stimuli. <i>Brain Research</i> , 2008, 1224, 79-87.	2.2	31
38	Perceiving emotion in crowds: the role of dynamic body postures on the perception of emotion in crowded scenes. <i>Experimental Brain Research</i> , 2010, 204, 361-372.	1.5	31
39	Familiar environments enhance object and spatial memory in both younger and older adults. <i>Experimental Brain Research</i> , 2016, 234, 1555-1574.	1.5	30
40	The interaction of shape- and location-based priming in object categorisation: Evidence for a hybrid "what+where" representation stage. <i>Vision Research</i> , 2005, 45, 2065-2080.	1.4	28
41	Evaluating the effect of motion and body shape on the perceived sex of virtual characters. <i>ACM Transactions on Applied Perception</i> , 2009, 5, 1-14.	1.9	28
42	Multisensory integration and cross-modal learning in synaesthesia: A unifying model. <i>Neuropsychologia</i> , 2016, 88, 140-150.	1.6	28
43	The effect of temporal delay and spatial differences on cross-modal object recognition. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2004, 4, 260-269.	2.0	27
44	Are representations of unfamiliar faces independent of encoding modality?. <i>Neuropsychologia</i> , 2007, 45, 506-513.	1.6	26
45	The Effect of the Neurogranin Schizophrenia Risk Variant rs12807809 on Brain Structure and Function. <i>Twin Research and Human Genetics</i> , 2012, 15, 296-303.	0.6	26
46	The NOS1 variant rs6490121 is associated with variation in prefrontal function and grey matter density in healthy individuals. <i>NeuroImage</i> , 2012, 60, 614-622.	4.2	26
47	Virtual shapers & movers. , 2007, , .		24
48	Integration of faces and voices, but not faces and names, in person recognition. <i>British Journal of Psychology</i> , 2012, 103, 73-82.	2.3	24
49	Canonical Views in Haptic Object Perception. <i>Perception</i> , 2008, 37, 1867-1878.	1.2	23
50	Colored-Speech Synaesthesia Is Triggered by Multisensory, Not Unisensory, Perception. <i>Psychological Science</i> , 2009, 20, 529-533.	3.3	23
51	Age-related sensory decline mediates the Sound-Induced Flash Illusion: Evidence for reliability weighting models of multisensory perception. <i>Scientific Reports</i> , 2019, 9, 19347.	3.3	23
52	Stimulus Context and View Dependence in Object Recognition. <i>Perception</i> , 1998, 27, 47-68.	1.2	21
53	The role of familiarity in the recognition of static and dynamic objects. <i>Progress in Brain Research</i> , 2006, 154, 315-325.	1.4	21
54	An exploratory study of linguistic "colour associations across languages in multilingual synaesthetes. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 1343-1355.	1.1	20

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55	Combined structural and functional imaging reveals cortical deactivations in grapheme-color synaesthesia. <i>Frontiers in Psychology</i> , 2013, 4, 755.	2.1	20
56	The role of long-term and short-term familiarity in visual and haptic face recognition. <i>Experimental Brain Research</i> , 2005, 166, 583-591.	1.5	18
57	The role of social cues in the deployment of spatial attention: head-body relationships automatically activate directional spatial codes in a Simon task. <i>Frontiers in Integrative Neuroscience</i> , 2011, 6, 4.	2.1	18
58	Reduced Vision Selectively Impairs Spatial Updating in Fall-prone Older Adults. <i>Multisensory Research</i> , 2013, 26, 69-94.	1.1	18
59	Perceptual and Social Attributes Underlining Age-Related Preferences for Faces. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 437.	2.0	16
60	Crowded environments reduce spatial memory in older but not younger adults. <i>Psychological Research</i> , 2018, 82, 407-428.	1.7	16
61	Acceptability of a custom-designed game, CityQuest, aimed at improving balance confidence and spatial cognition in fall-prone and healthy older adults. <i>Behaviour and Information Technology</i> , 2018, 37, 538-557.	4.0	15
62	Perceptual training narrows the temporal binding window of audiovisual integration in both younger and older adults. <i>Neuropsychologia</i> , 2022, 173, 108309.	1.6	15
63	Gray matter volume in the right angular gyrus is associated with differential patterns of multisensory integration with aging. <i>Neurobiology of Aging</i> , 2021, 100, 83-90.	3.1	14
64	Task-Specific, Age Related Effects in the Cross-Modal Identification and Localisation of Objects. <i>Multisensory Research</i> , 2015, 28, 111-151.	1.1	13
65	Recognizing Unfamiliar Faces: The Effects of Distinctiveness and View. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 1999, 52, 509-534.	2.3	13
66	Multisensory integration precision is associated with better cognitive performance over time in older adults: A large-scale exploratory study. <i>Aging Brain</i> , 2022, 2, 100038.	1.3	13
67	Is object search mediated by object-based or image-based representations?. <i>Spatial Vision</i> , 2004, 17, 511-541.	1.4	12
68	Crossmodal priming of unfamiliar faces supports early interactions between voices and faces in person perception. <i>Visual Cognition</i> , 2017, 25, 611-628.	1.6	12
69	Children's spatial-numerical associations on horizontal, vertical, and sagittal axes. <i>Journal of Experimental Child Psychology</i> , 2021, 209, 105169.	1.4	12
70	The effect of eye disease, cataract surgery and hearing aid use on multisensory integration in ageing. <i>Cortex</i> , 2020, 133, 161-176.	2.4	11
71	New Insights into Multisensory Perception. <i>Perception</i> , 2007, 36, 1415-1417.	1.2	9
72	The effect of body and part-based motion on the recognition of unfamiliar objects. <i>Visual Cognition</i> , 2010, 18, 456-480.	1.6	9

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73	Urban and rural environments differentially shape multisensory perception in ageing. <i>Aging, Neuropsychology, and Cognition</i> , 2022, 29, 197-212.	1.3	9
74	Holistic processing of faces and words predicts reading accuracy and speed in dyslexic readers. <i>PLoS ONE</i> , 2021, 16, e0259986.	2.5	8
75	Changes in Regional Brain Grey-Matter Volume Following Successful Completion of a Sensori-Motor Intervention Targeted at Healthy and Fall-Prone Older Adults. <i>Multisensory Research</i> , 2018, 31, 317-344.	1.1	7
76	Do synaesthesia and mental imagery tap into similar cross-modal processes?. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2019, 374, 20180359.	4.0	7
77	Static images of novel, moveable objects learned through touch activate visual area hMT+. <i>NeuroImage</i> , 2010, 49, 1708-1716.	4.2	6
78	Motion facilitates face perception across changes in viewpoint and expression in older adults.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2014, 40, 2266-2280.	0.9	6
79	Non-rigid, but not rigid, motion interferes with the processing of structural face information in developmental prosopagnosia. <i>Neuropsychologia</i> , 2015, 70, 281-295.	1.6	6
80	Individual differences in context-dependent effects reveal common mechanisms underlying the direction aftereffect and direction repulsion. <i>Vision Research</i> , 2017, 141, 109-116.	1.4	6
81	Aging Impairs Audiovisual Facilitation of Object Motion Within Self-Motion. <i>Multisensory Research</i> , 2018, 31, 251-272.	1.1	6
82	Temporal shifts in eye gaze and facial expressions independently contribute to the perceived attractiveness of unfamiliar faces. <i>Visual Cognition</i> , 2018, 26, 831-852.	1.6	6
83	Tactile-to-Visual Cross-Modal Transfer of Texture Categorisation Following Training: An fMRI Study. <i>Frontiers in Integrative Neuroscience</i> , 2018, 12, 24.	2.1	6
84	Evidence for Crossmodal Interactions across Depth on Target Localisation Performance in a Spatial Array. <i>Perception</i> , 2012, 41, 757-773.	1.2	5
85	“CityQuest,” A Custom-Designed Serious Game, Enhances Spatial Memory Performance in Older Adults. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 806418.	3.4	5
86	The sound of the crowd: Auditory information modulates the perceived emotion of a crowd based on bodily expressions.. <i>Emotion</i> , 2012, 12, 120-131.	1.8	4
87	Viewpoint Invariance in Object Recognition. <i>Irish Journal of Psychology</i> , 1992, 13, 494-507.	0.2	3
88	Perception and prediction of social intentions from human body motion. , 2013, , .		3
89	Laterality effects in the haptic discrimination of verbal and non-verbal shapes. <i>Laterality</i> , 2020, 25, 654-674.	1.0	3
90	Visuo-haptic Perception of Objects and Scenes. , 2010, , 251-271.		3

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91	Multisensory Perception and Learning: Linking Pedagogy, Psychophysics, and Human-Computer Interaction. <i>Multisensory Research</i> , 2022, 35, 335-366.	1.1	3
92	Short Article: Are Attractive Facial Characteristics Peculiar to the Sex of a Face?. <i>Quarterly Journal of Experimental Psychology</i> , 2009, 62, 833-843.	1.1	2
93	A glance back on 50 years of research in perception. <i>Irish Journal of Psychology</i> , 2012, 33, 65-71.	0.2	2
94	Inefficient cross-sensory temporal integration in older persons with a history of falling. <i>Seeing and Perceiving</i> , 2012, 25, 210.	0.3	2
95	The effect of non-informative spatial sounds on haptic scene recognition. <i>International Journal of Autonomous and Adaptive Communications Systems</i> , 2013, 6, 342.	0.3	2
96	Turning Heads: The Effects of Face View and Eye Gaze Direction on the Perceived Attractiveness of Expressive Faces. <i>Perception</i> , 2020, 49, 330-356.	1.2	2
97	The Natural Truth: The Contribution of Vision and Touch in the Categorisation of "Naturalness". <i>Lecture Notes in Computer Science</i> , 2008, , 319-324.	1.3	2
98	Strutting Hero, Sneaking Villain. <i>ACM Transactions on Applied Perception</i> , 2015, 13, 1-21.	1.9	1
99	Changes in perceptual category affects serial dependence in judgements of attractiveness. <i>Visual Cognition</i> , 2020, 28, 557-580.	1.6	1
100	Investigating Visuo-tactile Recognition of Unfamiliar Moving Objects. <i>Lecture Notes in Computer Science</i> , 2008, , 308-312.	1.3	1
101	Is maintaining balance during standing associated with inefficient audio-visual integration in older adults?. <i>Seeing and Perceiving</i> , 2012, 25, 50.	0.3	0
102	The effect of balance training on audio-visual integration in older adults. <i>Seeing and Perceiving</i> , 2012, 25, 155.	0.3	0
103	Effects of ageing and sound on perceived timing of human interactions. , 2013, , .		0
104	Introduction to the Special Issue on Synaesthesia and Cross-Modal Perception. <i>Multisensory Research</i> , 2017, 30, 195-197.	1.1	0
105	351 Integration of Auditory and Visual Information is Associated with Ageing, Sex and Cognitive Performance. <i>Age and Ageing</i> , 2019, 48, iii17-iii65.	1.6	0
106	Seeing an image of the hand affects performance on a crossmodal congruency task for sequences of events. <i>Consciousness and Cognition</i> , 2020, 80, 102900.	1.5	0
107	The development of visuotactile congruency effects for sequences of events. <i>Journal of Experimental Child Psychology</i> , 2021, 207, 105094.	1.4	0
108	Haptic recognition memory and lateralisation for verbal and nonverbal shapes. <i>Memory</i> , 2021, 29, 1043-1057.	1.7	0