

Melvyn A Goodale

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293
papers

26,140
citations

76
h-index

156
g-index

338
ext. papers

29,588
ext. citations

4.6
avg, IF

7.25
L-index

#	Paper	IF	Citations
293	Separate visual pathways for perception and action. <i>Trends in Neurosciences</i> , 1992 , 15, 20-5	13.3	4378
292	A neurological dissociation between perceiving objects and grasping them. <i>Nature</i> , 1991 , 349, 154-6	50.4	1211
291	Two visual systems re-viewed. <i>Neuropsychologia</i> , 2008 , 46, 774-85	3.2	938
290	Large adjustments in visually guided reaching do not depend on vision of the hand or perception of target displacement. <i>Nature</i> , 1986 , 320, 748-50	50.4	882
289	Size-contrast illusions deceive the eye but not the hand. <i>Current Biology</i> , 1995 , 5, 679-85	6.3	866
288	Visually guided grasping produces fMRI activation in dorsal but not ventral stream brain areas. <i>Experimental Brain Research</i> , 2003 , 153, 180-9	2.3	542
287	Differences in the visual control of pantomimed and natural grasping movements. <i>Neuropsychologia</i> , 1994 , 32, 1159-78	3.2	509
286	Ventral occipital lesions impair object recognition but not object-directed grasping: an fMRI study. <i>Brain</i> , 2003 , 126, 2463-75	11.2	473
285	Separate neural pathways for the visual analysis of object shape in perception and prehension. <i>Current Biology</i> , 1994 , 4, 604-10	6.3	410
284	An evolving view of duplex vision: separate but interacting cortical pathways for perception and action. <i>Current Opinion in Neurobiology</i> , 2004 , 14, 203-11	7.6	342
283	fMRI evidence for a parietal reach region in the human brain. <i>Experimental Brain Research</i> , 2003 , 153, 140-5	2.3	338
282	Haptic study of three-dimensional objects activates extrastriate visual areas. <i>Neuropsychologia</i> , 2002 , 40, 1706-14	3.2	332
281	The effect of pictorial illusion on prehension and perception. <i>Journal of Cognitive Neuroscience</i> , 1998 , 10, 122-36	3.1	316
280	A kinematic analysis of reaching and grasping movements in a patient recovering from optic ataxia. <i>Neuropsychologia</i> , 1991 , 29, 803-9	3.2	293
279	Human fMRI evidence for the neural correlates of preparatory set. <i>Nature Neuroscience</i> , 2002 , 5, 1345-52	5.5	284
278	A comparison of frontoparietal fMRI activation during anti-saccades and anti-pointing. <i>Journal of Neurophysiology</i> , 2000 , 84, 1645-55	3.2	250
277	Functional magnetic resonance imaging reveals the neural substrates of arm transport and grip formation in reach-to-grasp actions in humans. <i>Journal of Neuroscience</i> , 2010 , 30, 10306-23	6.6	243

276	The organization of eye and limb movements during unrestricted reaching to targets in contralateral and ipsilateral visual space. <i>Experimental Brain Research</i> , 1985 , 60, 159-78	2.3	242
275	Transforming vision into action. <i>Vision Research</i> , 2011 , 51, 1567-87	2.1	240
274	The objects of action and perception. <i>Cognition</i> , 1998 , 67, 181-207	3.5	240
273	Attention to form or surface properties modulates different regions of human occipitotemporal cortex. <i>Cerebral Cortex</i> , 2007 , 17, 713-31	5.1	239
272	Differential effects of viewpoint on object-driven activation in dorsal and ventral streams. <i>Neuron</i> , 2002 , 35, 793-801	13.9	233
271	Grasping after a delay shifts size-scaling from absolute to relative metrics. <i>Journal of Cognitive Neuroscience</i> , 2000 , 12, 856-68	3.1	233
270	The role of binocular vision in prehension: a kinematic analysis. <i>Vision Research</i> , 1992 , 32, 1513-21	2.1	229
269	Perceptual illusion and the real-time control of action. <i>Spatial Vision</i> , 2003 , 16, 243-54		227
268	The effects of lesions of the superior colliculus on locomotor orientation and the orienting reflex in the rat. <i>Brain Research</i> , 1975 , 88, 243-61	3.7	224
267	Visual pathways to perception and action. <i>Progress in Brain Research</i> , 1993 , 95, 317-37	2.9	220
266	An fMRI study of the selective activation of human extrastriate form vision areas by radial and concentric gratings. <i>Current Biology</i> , 2000 , 10, 1455-8	6.3	206
265	The dissociation between perception and action in the Ebbinghaus illusion: nonillusory effects of pictorial cues on grasp. <i>Current Biology</i> , 2001 , 11, 177-81	6.3	198
264	The role of surface information in object recognition: studies of a visual form agnostic and normal subjects. <i>Perception</i> , 1994 , 23, 1457-81	1.2	181
263	The fusiform face area is not sufficient for face recognition: evidence from a patient with dense prosopagnosia and no occipital face area. <i>Neuropsychologia</i> , 2006 , 44, 594-609	3.2	177
262	Active manual control of object views facilitates visual recognition. <i>Current Biology</i> , 1999 , 9, 1315-8	6.3	157
261	Visual control of action but not perception requires analytical processing of object shape. <i>Nature</i> , 2003 , 426, 664-7	50.4	155
260	What is the best fixation target? The effect of target shape on stability of fixational eye movements. <i>Vision Research</i> , 2013 , 76, 31-42	2.1	154
259	The effects of visual object priming on brain activation before and after recognition. <i>Current Biology</i> , 2000 , 10, 1017-24	6.3	153

258	The effects of delay on the kinematics of grasping. <i>Experimental Brain Research</i> , 1999 , 126, 109-16	2.3	148
257	The nature and limits of orientation and pattern processing supporting visuomotor control in a visual form agnostic. <i>Journal of Cognitive Neuroscience</i> , 1994 , 6, 46-56	3.1	146
256	Two distinct modes of control for object-directed action. <i>Progress in Brain Research</i> , 2004 , 144, 131-44	2.9	142
255	The involvement of the "fusiform face area" in processing facial expression. <i>Neuropsychologia</i> , 2005 , 43, 1645-54	3.2	142
254	Neural correlates of natural human echolocation in early and late blind echolocation experts. <i>PLoS ONE</i> , 2011 , 6, e20162	3.7	138
253	A double dissociation between sensitivity to changes in object identity and object orientation in the ventral and dorsal visual streams: a human fMRI study. <i>Neuropsychologia</i> , 2006 , 44, 218-28	3.2	133
252	Hemispheric specialization for the visual control of action is independent of handedness. <i>Journal of Neurophysiology</i> , 2006 , 95, 3496-501	3.2	127
251	Flexible retinotopy: motion-dependent position coding in the visual cortex. <i>Science</i> , 2003 , 302, 878-81	33.3	127
250	Visual pathways supporting perception and action in the primate cerebral cortex. <i>Current Opinion in Neurobiology</i> , 1993 , 3, 578-85	7.6	124
249	Visually guided pecking in the pigeon (<i>Columba livia</i>). <i>Brain, Behavior and Evolution</i> , 1983 , 22, 22-41	1.5	121
248	Living in a material world: how visual cues to material properties affect the way that we lift objects and perceive their weight. <i>Journal of Neurophysiology</i> , 2009 , 102, 3111-8	3.2	120
247	The influence of visual motion on fast reaching movements to a stationary object. <i>Nature</i> , 2003 , 423, 869-73	50.4	120
246	Superior performance for visually guided pointing in the lower visual field. <i>Experimental Brain Research</i> , 2001 , 137, 303-8	2.3	117
245	fMRI reveals a dissociation between grasping and perceiving the size of real 3D objects. <i>PLoS ONE</i> , 2007 , 2, e424	3.7	107
244	Differences in perceived shape from shading correlate with activity in early visual areas. <i>Current Biology</i> , 1997 , 7, 144-7	6.3	106
243	Retinotopic activity in V1 reflects the perceived and not the retinal size of an afterimage. <i>Nature Neuroscience</i> , 2012 , 15, 540-2	25.5	105
242	fMRI activation in the human frontal eye field is correlated with saccadic reaction time. <i>Journal of Neurophysiology</i> , 2005 , 94, 605-11	3.2	105
241	Frames of reference for perception and action in the human visual system. <i>Neuroscience and Biobehavioral Reviews</i> , 1998 , 22, 161-72	9	101

240	Kinematic analysis of limb movements in neuropsychological research: subtle deficits and recovery of function. <i>Canadian Journal of Psychology</i> , 1990 , 44, 180-95		100
239	Recovery of fMRI activation in motion area MT following storage of the motion aftereffect. <i>Journal of Neurophysiology</i> , 1999 , 81, 388-93	3.2	99
238	Distance estimation in the Mongolian gerbil: the role of dynamic depth cues. <i>Behavioural Brain Research</i> , 1984 , 14, 29-39	3.4	97
237	Reaching for the unknown: multiple target encoding and real-time decision-making in a rapid reach task. <i>Cognition</i> , 2010 , 116, 168-76	3.5	96
236	Direct effects of prismatic lenses on visuomotor control: an event-related functional MRI study. <i>European Journal of Neuroscience</i> , 2008 , 28, 1696-704	3.5	94
235	The effects of time and distance on accuracy of target-directed locomotion: does an accurate short-term memory for spatial location exist?. <i>Journal of Motor Behavior</i> , 1988 , 20, 399-415	1.4	94
234	A double dissociation between action and perception in the context of visual illusions: opposite effects of real and illusory size. <i>Psychological Science</i> , 2008 , 19, 221-5	7.9	92
233	Independent effects of pictorial displays on perception and action. <i>Vision Research</i> , 2000 , 40, 1597-607	2.1	92
232	How (and why) the visual control of action differs from visual perception. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014 , 281, 20140337	4.4	90
231	The role of visual feedback of hand position in the control of manual prehension. <i>Experimental Brain Research</i> , 1999 , 125, 281-6	2.3	90
230	Bringing the real world into the fMRI scanner: repetition effects for pictures versus real objects. <i>Scientific Reports</i> , 2011 , 1, 130	4.9	87
229	fMR-adaptation reveals separate processing regions for the perception of form and texture in the human ventral stream. <i>Experimental Brain Research</i> , 2009 , 192, 391-405	2.3	86
228	Action without perception in human vision. <i>Cognitive Neuropsychology</i> , 2008 , 25, 891-919	2.3	86
227	Independent processing of form, colour, and texture in object perception. <i>Perception</i> , 2008 , 37, 57-78	1.2	85
226	Comparison of memory- and visually guided saccades using event-related fMRI. <i>Journal of Neurophysiology</i> , 2004 , 91, 873-89	3.2	84
225	Scratching beneath the surface: new insights into the functional properties of the lateral occipital area and parahippocampal place area. <i>Journal of Neuroscience</i> , 2011 , 31, 8248-58	6.6	83
224	The removal of binocular cues disrupts the calibration of grasping in patients with visual form agnosia. <i>Experimental Brain Research</i> , 1997 , 116, 113-21	2.3	82
223	Reaching to ipsilateral or contralateral targets: within-hemisphere visuomotor processing cannot explain hemispacial differences in motor control. <i>Experimental Brain Research</i> , 1996 , 112, 496-504	2.3	82

222	Dissociating arbitrary stimulus-response mapping from movement planning during preparatory period: evidence from event-related functional magnetic resonance imaging. <i>Journal of Neuroscience</i> , 2006 , 26, 2704-13	6.6	81
221	Does a monocularly presented size-contrast illusion influence grip aperture?. <i>Neuropsychologia</i> , 1998 , 36, 491-7	3.2	79
220	Dissociation between two modes of spatial processing by a visual form agnostic. <i>NeuroReport</i> , 1995 , 6, 1893-6	1.7	77
219	Practice makes perfect, but only with the right hand: sensitivity to perceptual illusions with awkward grasps decreases with practice in the right but not the left hand. <i>Neuropsychologia</i> , 2008 , 46, 624-31	3.2	76
218	Oral asymmetries during verbal and non-verbal movements of the mouth. <i>Neuropsychologia</i> , 1987 , 25, 375-96	3.2	76
217	Left handedness does not extend to visually guided precision grasping. <i>Experimental Brain Research</i> , 2007 , 182, 275-9	2.3	75
216	The role of image size and retinal motion in the computation of absolute distance by the Mongolian gerbil (<i>Meriones unguiculatus</i>). <i>Vision Research</i> , 1990 , 30, 399-413	2.1	75
215	Hemispheric differences in motor control. <i>Behavioural Brain Research</i> , 1988 , 30, 203-14	3.4	75
214	Dissociation of perception and action unmasked by the hollow-face illusion. <i>Brain Research</i> , 2006 , 1080, 9-16	3.7	74
213	Preserved visual imagery in visual form agnosia. <i>Neuropsychologia</i> , 1995 , 33, 1383-94	3.2	74
212	When two eyes are better than one in prehension: monocular viewing and end-point variance. <i>Experimental Brain Research</i> , 2004 , 158, 317-27	2.3	73
211	Representation of object weight in human ventral visual cortex. <i>Current Biology</i> , 2014 , 24, 1866-73	6.3	72
210	Dual routes to action: contributions of the dorsal and ventral streams to adaptive behavior. <i>Progress in Brain Research</i> , 2005 , 149, 269-83	2.9	72
209	Visually guided reaching depends on motion area MT+. <i>Cerebral Cortex</i> , 2007 , 17, 2644-9	5.1	70
208	Manipulating and recognizing virtual objects: where the action is. <i>Canadian Journal of Experimental Psychology</i> , 2001 , 55, 111-20	0.8	70
207	Hand preference for precision grasping predicts language lateralization. <i>Neuropsychologia</i> , 2009 , 47, 3182-9	3.2	68
206	Behavioral and neuroimaging evidence for a contribution of color and texture information to scene classification in a patient with visual form agnosia. <i>Journal of Cognitive Neuroscience</i> , 2004 , 16, 955-65	3.1	68
205	Lifting without seeing: the role of vision in perceiving and acting upon the size weight illusion. <i>PLoS ONE</i> , 2010 , 5, e9709	3.7	67

204	Dissociable neural mechanisms for determining the perceived heaviness of objects and the predicted weight of objects during lifting: an fMRI investigation of the size-weight illusion. <i>NeuroImage</i> , 2009 , 44, 200-12	7.9	66
203	Visual sampling after lesions of the superior colliculus in rats. <i>Journal of Comparative and Physiological Psychology</i> , 1979 , 93, 1015-23		66
202	The effects of landmarks on the performance of delayed and real-time pointing movements. <i>Experimental Brain Research</i> , 2005 , 167, 335-44	2.3	63
201	Obstacle avoidance during locomotion is unaffected in a patient with visual form agnosia. <i>NeuroReport</i> , 1996 , 8, 165-8	1.7	63
200	The McCollough effect reveals orientation discrimination in a case of cortical blindness. <i>Current Biology</i> , 1995 , 5, 545-51	6.3	62
199	Understanding the contribution of binocular vision to the control of adaptive locomotion. <i>Experimental Brain Research</i> , 2002 , 142, 551-61	2.3	57
198	A neurological dissociation between shape from shading and shape from edges. <i>Behavioural Brain Research</i> , 1996 , 76, 117-25	3.4	57
197	Category-specific neural processing for naming pictures of animals and naming pictures of tools: an ALE meta-analysis. <i>Neuropsychologia</i> , 2010 , 48, 409-18	3.2	56
196	Interactions between the processing of gaze direction and facial expression. <i>Vision Research</i> , 2005 , 45, 1191-200	2.1	56
195	Peripheral vision for perception and action. <i>Experimental Brain Research</i> , 2005 , 165, 97-106	2.3	56
194	fMRI reveals a lower visual field preference for hand actions in human superior parieto-occipital cortex (SPOC) and precuneus. <i>Cortex</i> , 2013 , 49, 2525-41	3.8	55
193	Why color synesthesia involves more than color. <i>Trends in Cognitive Sciences</i> , 2009 , 13, 288-92	14	54
192	Probing unconscious visual processing with the McCollough effect. <i>Consciousness and Cognition</i> , 1998 , 7, 494-519	2.6	53
191	Pointing to places and spaces in a patient with visual form agnosia. <i>Neuropsychologia</i> , 2006 , 44, 1584-94	3.2	53
190	A temporal analysis of grasping in the Ebbinghaus illusion: planning versus online control. <i>Experimental Brain Research</i> , 2002 , 144, 275-80	2.3	53
189	Echolocation in humans: an overview. <i>Wiley Interdisciplinary Reviews: Cognitive Science</i> , 2016 , 7, 382-393	4.5	52
188	Converging evidence for diverging pathways: neuropsychology and psychophysics tell the same story. <i>Vision Research</i> , 2011 , 51, 804-11	2.1	52
187	Orientation sensitivity to graspable objects: an fMRI adaptation study. <i>NeuroImage</i> , 2007 , 36 Suppl 2, T87-93	7.9	52

186	Grasping two-dimensional images and three-dimensional objects in visual-form agnosia. <i>Experimental Brain Research</i> , 2002 , 144, 262-7	2.3	52
185	Grasping future events: explicit knowledge of the availability of visual feedback fails to reliably influence prehension. <i>Experimental Brain Research</i> , 2008 , 188, 603-11	2.3	51
184	Selective, non-lateralized impairment of motor imagery following right parietal damage. <i>Neurocase</i> , 2002 , 8, 194-204	0.8	51
183	Orientation Discrimination in a Visual Form Agnostic: Evidence from the McCollough Effect. <i>Psychological Science</i> , 1991 , 2, 331-335	7.9	51
182	Target selection for reaching and saccades share a similar behavioral reference frame in the macaque. <i>Journal of Neurophysiology</i> , 2003 , 89, 1456-66	3.2	50
181	A haptic size-contrast illusion affects size perception but not grasping. <i>Experimental Brain Research</i> , 2003 , 153, 253-9	2.3	50
180	Getting a grip on reality: Grasping movements directed to real objects and images rely on dissociable neural representations. <i>Cortex</i> , 2018 , 98, 34-48	3.8	49
179	Visuomotor control: where does vision end and action begin?. <i>Current Biology</i> , 1998 , 8, R489-91	6.3	49
178	Missing in action: the effect of obstacle position and size on avoidance while reaching. <i>Experimental Brain Research</i> , 2008 , 191, 83-97	2.3	48
177	An investigation of auditory contagious yawning. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2009 , 9, 335-42	3.5	46
176	One to four, and nothing more: nonconscious parallel individuation of objects during action planning. <i>Psychological Science</i> , 2011 , 22, 803-11	7.9	46
175	The relationship between fMRI adaptation and repetition priming. <i>NeuroImage</i> , 2006 , 32, 1432-40	7.9	46
174	Enhanced auditory spatial localization in blind echolocators. <i>Neuropsychologia</i> , 2015 , 67, 35-40	3.2	45
173	Shape-specific activation of occipital cortex in an early blind echolocation expert. <i>Neuropsychologia</i> , 2013 , 51, 938-49	3.2	43
172	Abnormal face identity coding in the middle fusiform gyrus of two brain-damaged prosopagnosic patients. <i>Neuropsychologia</i> , 2009 , 47, 2584-92	3.2	43
171	No evidence for visuomotor priming in a visually guided action task. <i>Neuropsychologia</i> , 2005 , 43, 216-26	3.2	43
170	Repetition suppression in occipital-temporal visual areas is modulated by physical rather than semantic features of objects. <i>NeuroImage</i> , 2008 , 41, 130-44	7.9	42
169	Grasping versus pointing and the differential use of visual feedback. <i>Human Movement Science</i> , 1993 , 12, 219-234	2.4	42

168	The role of head movements in the discrimination of 2-D shape by blind echolocation experts. <i>Attention, Perception, and Psychophysics</i> , 2014 , 76, 1828-37	2	41
167	Effector-specific fields for motor preparation in the human frontal cortex. <i>NeuroImage</i> , 2007 , 34, 1209-19	3.9	40
166	Left-sided oral asymmetries in spontaneous but not posed smiles. <i>Neuropsychologia</i> , 1988 , 26, 823-32	3.2	40
165	Dual-task interference is greater in delayed grasping than in visually guided grasping. <i>Journal of Vision</i> , 2007 , 7, 5.1-12	0.4	39
164	Enhanced detection of visual targets on the hand and familiar tools. <i>Neuropsychologia</i> , 2009 , 47, 2454-63	3.2	38
163	Visual motion due to eye movements helps guide the hand. <i>Experimental Brain Research</i> , 2005 , 162, 394-400	4.0	38
162	Transient visual pathway critical for normal development of primate grasping behavior. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 1364-1369	11.5	37
161	DFB visual brain in action: the role of tactile cues. <i>Neuropsychologia</i> , 2014 , 55, 41-50	3.2	37
160	Updating the programming of a precision grip is a function of recent history of available feedback. <i>Experimental Brain Research</i> , 2009 , 194, 619-29	2.3	37
159	The influence of competing perceptual and motor priors in the context of the size-weight illusion. <i>Experimental Brain Research</i> , 2010 , 205, 283-8	2.3	37
158	Crinkling and crumpling: an auditory fMRI study of material properties. <i>NeuroImage</i> , 2008 , 43, 368-78	7.9	37
157	Integration of haptic and visual size cues in perception and action revealed through cross-modal conflict. <i>Experimental Brain Research</i> , 2010 , 201, 863-73	2.3	36
156	A hand in blindsight: hand placement near target improves size perception in the blind visual field. <i>Neuropsychologia</i> , 2008 , 46, 786-802	3.2	36
155	The two-visual-systems hypothesis and the perspectival features of visual experience. <i>Consciousness and Cognition</i> , 2015 , 35, 225-33	2.6	35
154	Grasping the non-conscious: preserved grip scaling to unseen objects for immediate but not delayed grasping following a unilateral lesion to primary visual cortex. <i>Vision Research</i> , 2011 , 51, 908-24	2.1	35
153	The role of apparent size in building- and object-specific regions of ventral visual cortex. <i>Brain Research</i> , 2011 , 1388, 109-22	3.7	35
152	"Real-time" obstacle avoidance in the absence of primary visual cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15996-6001	11.5	35
151	Repetition priming and the time course of object recognition: an fMRI study. <i>NeuroReport</i> , 1999 , 10, 1019-23	2.3	35

150	Decoding visual object categories in early somatosensory cortex. <i>Cerebral Cortex</i> , 2015 , 25, 1020-31	5.1	34
149	Neural correlates of motion processing through echolocation, source hearing, and vision in blind echolocation experts and sighted echolocation novices. <i>Journal of Neurophysiology</i> , 2014 , 111, 112-27	3.2	34
148	The material-weight illusion induced by expectations alone. <i>Attention, Perception, and Psychophysics</i> , 2011 , 73, 36-41	2	34
147	Motor force field learning influences visual processing of target motion. <i>Journal of Neuroscience</i> , 2007 , 27, 9975-83	6.6	34
146	The Two Visual Systems Hypothesis: New Challenges and Insights from Visual form Agnostic Patient DF. <i>Frontiers in Neurology</i> , 2014 , 5, 255	4.1	33
145	Contribution of visual and proprioceptive information to the precision of reaching movements. <i>Experimental Brain Research</i> , 2010 , 202, 15-32	2.3	33
144	Now you see it, now you don't: How delaying an action system can transform a theory. <i>Behavioral and Brain Sciences</i> , 1992 , 15, 335-336	0.9	33
143	The effects of instructions to subjects on the programming of visually directed reaching movements. <i>Journal of Motor Behavior</i> , 1989 , 21, 5-19	1.4	33
142	Two visual pathways - Where have they taken us and where will they lead in future?. <i>Cortex</i> , 2018 , 98, 283-292	3.8	32
141	The intermanual transfer of anticipatory force control in precision grip lifting is not influenced by the perception of weight. <i>Experimental Brain Research</i> , 2008 , 185, 319-29	2.3	32
140	Sight Unseen 2013 ,		32
139	Does grasping in patient D.F. depend on vision?. <i>Trends in Cognitive Sciences</i> , 2012 , 16, 256-7; discussion 258-9	14	31
138	Size matters: a single representation underlies our perceptions of heaviness in the size-weight illusion. <i>PLoS ONE</i> , 2013 , 8, e54709	3.7	30
137	Neural substrates of visual spatial coding and visual feedback control for hand movements in allocentric and target-directed tasks. <i>Frontiers in Human Neuroscience</i> , 2011 , 5, 92	3.3	30
136	The lateral-occipital and the inferior-frontal cortex play different roles during the naming of visually presented objects. <i>Human Brain Mapping</i> , 2009 , 30, 3851-64	5.9	30
135	Observing object lifting errors modulates cortico-spinal excitability and improves object lifting performance. <i>Cortex</i> , 2014 , 50, 115-24	3.8	29
134	Mental blocks: fMRI reveals top-down modulation of early visual cortex when obstacles interfere with grasp planning. <i>Neuropsychologia</i> , 2011 , 49, 1703-17	3.2	29
133	What Role Does "Elongation" Play in "Tool-Specific" Activation and Connectivity in the Dorsal and Ventral Visual Streams?. <i>Cerebral Cortex</i> , 2018 , 28, 1117-1131	5.1	28

132	Real-time vision, tactile cues, and visual form agnosia: removing haptic feedback from a "natural" grasping task induces pantomime-like grasps. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 216	3.3	28
131	Separate visual systems for perception and action: a framework for understanding cortical visual impairment. <i>Developmental Medicine and Child Neurology</i> , 2013 , 55 Suppl 4, 9-12	3.3	28
130	Programs for action in superior parietal cortex: a triple-pulse TMS investigation. <i>Neuropsychologia</i> , 2011 , 49, 2391-9	3.2	28
129	Overlapping neural circuits for visual attention and eye movements in the human cerebellum. <i>Neuropsychologia</i> , 2015 , 69, 9-21	3.2	27
128	Visual salience dominates early visuomotor competition in reaching behavior. <i>Journal of Vision</i> , 2011 , 11,	0.4	27
127	Measuring unconscious actions in action-blindsight: exploring the kinematics of pointing movements to targets in the blind field of two patients with cortical hemianopia. <i>Neuropsychologia</i> , 2003 , 41, 1068-81	3.2	27
126	Selective, Non-lateralized Impairment of Motor Imagery Following Right Parietal Damage. <i>Neurocase</i> , 2002 , 8, 194-204	0.8	27
125	The role of vision in detecting and correcting fingertip force errors during object lifting. <i>Journal of Vision</i> , 2011 , 11, 4	0.4	26
124	Short-term motor plasticity revealed in a visuomotor decision-making task. <i>Behavioural Brain Research</i> , 2010 , 214, 130-4	3.4	26
123	Plans for action. <i>Behavioral and Brain Sciences</i> , 2004 , 27,	0.9	26
122	A conscious route to unconscious vision. <i>Current Biology</i> , 2000 , 10, R64-7	6.3	26
121	Transient visual responses reset the phase of low-frequency oscillations in the skeletomotor periphery. <i>European Journal of Neuroscience</i> , 2015 , 42, 1919-32	3.5	25
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119	Effects of material properties and object orientation on precision grip kinematics. <i>Experimental Brain Research</i> , 2016 , 234, 2253-65	2.3	24
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