

Harold Bekkering

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

11,989
citations

76326

40
h-index

79698

73
g-index

78
all docs

78
docs citations

78
times ranked

6839
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical Mechanisms of Human Imitation. <i>Science</i> , 1999, 286, 2526-2528.	12.6	2,712
2	Joint action: bodies and minds moving together. <i>Trends in Cognitive Sciences</i> , 2006, 10, 70-76.	7.8	1,534
3	Rational imitation in preverbal infants. <i>Nature</i> , 2002, 415, 755-755.	27.8	922
4	Compatibility between Observed and Executed Finger Movements: Comparing Symbolic, Spatial, and Imitative Cues. <i>Brain and Cognition</i> , 2000, 44, 124-143.	1.8	659
5	Movement observation affects movement execution in a simple response task. <i>Acta Psychologica</i> , 2001, 106, 3-22.	1.5	623
6	The mirror neuron system is more active during complementary compared with imitative action. <i>Nature Neuroscience</i> , 2007, 10, 817-818.	14.8	410
7	Modulation of activity in medial frontal and motor cortices during error observation. <i>Nature Neuroscience</i> , 2004, 7, 549-554.	14.8	398
8	Complementary Systems for Understanding Action Intentions. <i>Current Biology</i> , 2008, 18, 454-457.	3.9	358
9	Imitation of Gestures in Children is Goal-directed. <i>Quarterly Journal of Experimental Psychology Section A: Human Experimental Psychology</i> , 2000, 53, 153-164.	2.3	322
10	Modulation of Motor and Premotor Activity during Imitation of Target-directed Actions. <i>Cerebral Cortex</i> , 2002, 12, 847-855.	2.9	270
11	Action generation and action perception in imitation: an instance of the ideomotor principle. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 501-515.	4.0	246
12	Altered intrinsic functional connectivity of anterior and posterior insula regions in high-functioning participants with autism spectrum disorder. <i>Human Brain Mapping</i> , 2011, 32, 1013-1028.	3.6	240
13	Parieto-Frontal Connectivity during Visually Guided Grasping. <i>Journal of Neuroscience</i> , 2007, 27, 11877-11887.	3.6	182
14	Motor-cortical beta oscillations are modulated by correctness of observed action. <i>NeuroImage</i> , 2008, 40, 767-775.	4.2	154
15	Understanding action beyond imitation: Reversed compatibility effects of action observation in imitation and joint action.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2008, 34, 1493-1500.	0.9	154
16	Anatomical substrates of cooperative joint-action in a continuous motor task: Virtual lifting and balancing. <i>NeuroImage</i> , 2008, 41, 169-177.	4.2	150
17	Children's coding of human action: cognitive factors influencing imitation in 3-year-old. <i>Developmental Science</i> , 2000, 3, 405-414.	2.4	138
18	Action semantics: A unifying conceptual framework for the selective use of multimodal and modality-specific object knowledge. <i>Physics of Life Reviews</i> , 2014, 11, 220-250.	2.8	137

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19	Is human imitation based on a mirror-neurone system? Some behavioural evidence. <i>Experimental Brain Research</i> , 2002, 143, 335-341.	1.5	133
20	Motor activation during observation of unusual versus ordinary actions in infancy. <i>Social Neuroscience</i> , 2010, 5, 451-460.	1.3	126
21	Joint Action: Neurocognitive Mechanisms Supporting Human Interaction. <i>Topics in Cognitive Science</i> , 2009, 1, 340-352.	1.9	119
22	Imitation Improves Language Comprehension. <i>Psychological Science</i> , 2010, 21, 1903-1909.	3.3	106
23	Imitation in Infancy: Rational or Motor Resonance?. <i>Child Development</i> , 2011, 82, 1047-1057.	3.0	104
24	How specifically are action verbs represented in the neural motor system: An fMRI study. <i>NeuroImage</i> , 2010, 53, 1318-1325.	4.2	99
25	Exploring the brain basis of joint action: Co-ordination of actions, goals and intentions. <i>Social Neuroscience</i> , 2007, 2, 48-65.	1.3	93
26	Understanding motor resonance. <i>Social Neuroscience</i> , 2011, 6, 388-397.	1.3	79
27	What are you doing? How active and observational experience shape infants' action understanding. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2014, 369, 20130490.	4.0	79
28	Goals and means in action observation: A computational approach. <i>Neural Networks</i> , 2006, 19, 311-322.	5.9	75
29	What do mirror neurons mirror?. <i>Philosophical Psychology</i> , 2011, 24, 607-623.	0.9	59
30	Bridging the gap between the other and me: the functional role of motor resonance and action effects in infants' imitation. <i>Developmental Science</i> , 2011, 14, 901-910.	2.4	59
31	The role of immediate and final goals in action planning: An fMRI study. <i>NeuroImage</i> , 2007, 37, 589-598.	4.2	58
32	The role of inferior frontal and parietal areas in differentiating meaningful and meaningless object-directed actions. <i>Brain Research</i> , 2010, 1315, 63-74.	2.2	57
33	Joint action modulates motor system involvement during action observation in 3-year-olds. <i>Experimental Brain Research</i> , 2011, 211, 581-592.	1.5	57
34	The role of frequency information and teleological reasoning in infants' and adults' action prediction.. <i>Developmental Psychology</i> , 2011, 47, 976-983.	1.6	55
35	Interplay Between Action and Movement Intentions During Social Interaction. <i>Psychological Science</i> , 2012, 23, 30-35.	3.3	54
36	Self-identification and empathy modulate error-related brain activity during the observation of penalty shots between friend and foe. <i>Social Cognitive and Affective Neuroscience</i> , 2009, 4, 10-22.	3.0	52

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37	Online prediction of others' actions: the contribution of the target object, action context and movement kinematics. <i>Psychological Research</i> , 2012, 76, 434-445.	1.7	51
38	Fast responders have blinders on: ERP correlates of response inhibition in competition. <i>Cortex</i> , 2008, 44, 580-586.	2.4	50
39	Movement-Specific Repetition Suppression in Ventral and Dorsal Premotor Cortex during Action Observation. <i>Cerebral Cortex</i> , 2009, 19, 2736-2745.	2.9	49
40	Action semantic knowledge about objects is supported by functional motor activation.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1118-1128.	0.9	48
41	Executive functioning and imitation: Increasing working memory load facilitates behavioural imitation. <i>Neuropsychologia</i> , 2009, 47, 3265-3270.	1.6	44
42	Goal-directed imitation. , 2002, , 183-205.		41
43	Evidence for fast, low-level motor resonance to action observation: An MEG study. <i>Social Neuroscience</i> , 2008, 3, 213-228.	1.3	39
44	Context effects on the processing of action-relevant object features.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2010, 36, 330-340.	0.9	39
45	Joint Action Coordination in 2½- and 3-Year-Old Children. <i>Frontiers in Human Neuroscience</i> , 2010, 4, 220.	2.0	36
46	Object manipulation and motion perception: Evidence of an influence of action planning on visual processing.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2009, 35, 1062-1071.	0.9	35
47	To imitate or not to imitate? How the brain can do it, that is the question!. <i>Brain and Cognition</i> , 2003, 53, 479-482.	1.8	32
48	A Review of Intentional and Cognitive Control in Autism. <i>Frontiers in Psychology</i> , 2012, 3, 436.	2.1	32
49	Goal-directed imitation in patients with Ideomotor Apraxia. <i>Cognitive Neuropsychology</i> , 2005, 22, 419-432.	1.1	30
50	Context-dependent Changes in Functional Connectivity of Auditory Cortices during the Perception of Object Words. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2108-2119.	2.3	30
51	Action-effect binding by observational learning. <i>Psychonomic Bulletin and Review</i> , 2011, 18, 1022-1028.	2.8	26
52	Comparable Mechanisms for Action and Language: Neural Systems Behind Intentions, Goals, and Means. <i>Cortex</i> , 2006, 42, 495-498.	2.4	24
53	How a co-actor's task affects monitoring of own errors: evidence from a social event-related potential study. <i>Experimental Brain Research</i> , 2011, 211, 397-404.	1.5	24
54	Interplay Between Conceptual Expectations and Movement Predictions Underlies Action Understanding. <i>Cerebral Cortex</i> , 2015, 25, 2566-2573.	2.9	24

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55	Using Goal- and Grip-Related Information for Understanding the Correctness of Other's Actions: An ERP Study. <i>PLoS ONE</i> , 2012, 7, e36450.	2.5	23
56	Your mistake is my mistake – or is it? Behavioural adjustments following own and observed actions in cooperative and competitive contexts. <i>Quarterly Journal of Experimental Psychology</i> , 2012, 65, 317-325.	1.1	22
57	Monitoring others' errors: The role of the motor system in early childhood and adulthood. <i>British Journal of Developmental Psychology</i> , 2016, 34, 66-85.	1.7	22
58	Virtual lesions of the IFG abolish response facilitation for biological and non-biological cues. <i>Frontiers in Behavioral Neuroscience</i> , 2010, 4, 5.	2.0	21
59	Empathy is a beautiful thing: Empathy predicts imitation only for attractive others. <i>Scandinavian Journal of Psychology</i> , 2013, 54, 401-406.	1.5	21
60	Internal model deficits impair joint action in children and adolescents with autism spectrum disorders. <i>Research in Autism Spectrum Disorders</i> , 2011, 5, 1526-1537.	1.5	19
61	Understanding the flexibility of action-perception coupling. <i>Psychological Research</i> , 2009, 73, 578-586.	1.7	18
62	Hierarchy of Idea-Guided Action and Perception-Guided Movement. <i>Frontiers in Psychology</i> , 2012, 3, 579.	2.1	18
63	Grasping the other's attention: The role of animacy in action cueing of joint attention. <i>Vision Research</i> , 2011, 51, 940-944.	1.4	16
64	Embodied Language Comprehension Requires an Enactivist Paradigm of Cognition. <i>Frontiers in Psychology</i> , 2010, 1, 234.	2.1	14
65	Seeing the Unexpected: How Brains Read Communicative Intent through Kinematics. <i>Cerebral Cortex</i> , 2020, 30, 1056-1067.	2.9	13
66	Effects of stimulus response compatibility on covert imitation of vowels. <i>Attention, Perception, and Psychophysics</i> , 2018, 80, 1290-1299.	1.3	11
67	Action Recognition Depends on Observer's Level of Action Control and Social Personality Traits. <i>PLoS ONE</i> , 2013, 8, e81392.	2.5	10
68	Imitation: Common mechanisms in the observation and execution of finger and mouth movements. , 2002, , 163-182.		7
69	Processing of Prediction Errors in Mentalizing Areas. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 900-912.	2.3	7
70	Goals are not implied by actions, but inferred from actions and contexts. <i>Behavioral and Brain Sciences</i> , 2008, 31, 38-39.	0.7	5
71	Communicative intentions can modulate the linguistic perception-action link. <i>Behavioral and Brain Sciences</i> , 2013, 36, 361-362.	0.7	5
72	Social context influences planning ahead in three-year-olds. <i>Cognitive Development</i> , 2016, 40, 120-131.	1.3	4

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73	Higher-level processes in the formation and application of associations during action understanding. Behavioral and Brain Sciences, 2014, 37, 202-203.	0.7	3
74	Action predictability is reflected in beta power attenuation and predictive eye movements in adolescents with and without autism. Neuropsychologia, 2021, 157, 107859.	1.6	2
75	The extrastriate body area (EBA): One structure, multiple functions?. Cognitive Neuroscience, 2011, 2, 211-212.	1.4	1
76	Observed and Performed Error Signals in Auditory Lexical Decisions. Neuroscience, 2021, , .	2.3	0
77	The Role of Implicit and Explicit Feedback in Learning and the Implications for Distance Education Techniques. Advances in Mobile and Distance Learning Book Series, 2014, , 367-384.	0.5	0