Luciano Fadiga

List of Publications by Year
in descending order

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191 papers	27,066 citations	23500 58 h-index	6113 159 g-index
196 all docs	196 docs citations	196 times ranked	13080 citing authors

#	Article	IF	Citations
1	The Change Matters! Measuring the Effect of Changing the Leader in Joint Music Performances. IEEE Transactions on Affective Computing, 2022, 13, 700-712.	5.7	6
2	On the longevity of flexible neural interfaces: Establishing biostability of polyimide-based intracortical implants. Biomaterials, 2022, 281, 121372.	5.7	27
3	Poly(3,4â€ethylenedioxythiophene)â€Based Neural Interfaces for Recording and Stimulation: Fundamental Aspects and In Vivo Applications. Advanced Science, 2022, 9, e2104701.	5.6	32
4	A Novel Biasing Scheme of Electrolyteâ€Gated Organic Transistors for Safe In Vivo Amplification of Electrophysiological Signals. Advanced Materials Interfaces, 2022, 9, .	1.9	7
5	Interpersonal synchronization of movement intermittency. IScience, 2022, 25, 104096.	1.9	12
6	Developmental Coordination Disorder: State of the Art and Future Directions from a Neurophysiological Perspective. Children, 2022, 9, 945.	0.6	2
7	Flexible Neural Interfaces Based on 3D PEDOT:PSS Micropillar Arrays. Advanced Materials Interfaces, 2022, 9, .	1.9	6
8	Spectral Power in Marmoset Frontal Motor Cortex during Natural Locomotor Behavior. Cerebral Cortex, 2021, 31, 1077-1089.	1.6	8
9	Interaction, Cooperation and Entrainment in Music: Experience and Perspectives. Lecture Notes in Morphogenesis, 2021, , 213-233.	0.2	2
10	Prediction of Speech Onset by Micro-Electrocorticography of the Human Brain. International Journal of Neural Systems, 2021, 31, 2150025.	3.2	6
11	Neurons of rat motor cortex become active during both grasping execution and grasping observation. Current Biology, 2021, 31, 4405-4412.e4.	1.8	10
12	Motor overload: GABAergic index of parallel buffer costs. Brain Stimulation, 2021, 14, 1106-1108.	0.7	7
13	Role of sensorimotor areas in early detection of motor errors: An EEG and TMS study. Behavioural Brain Research, 2020, 378, 112248.	1.2	4
14	Photovoltage generation in enzymatic bio-hybrid architectures. MRS Advances, 2020, 5, 985-990.	0.5	6
15	Motor cortical inhibition during concurrent action execution and action observation. NeuroImage, 2020, 208, 116445.	2.1	15
16	Flexible Bioelectronic Devices Based on Micropatterned Monolithic Carbon Fiber Mats. Advanced Materials Technologies, 2020, 5, 1900713.	3.0	21
17	Tutorial: guidelines for standardized performance tests for electrodes intended for neural interfaces and bioelectronics. Nature Protocols, 2020, 15, 3557-3578.	5.5	142
18	Beta Rebound as an Index of Temporal Integration of Somatosensory and Motor Signals. Frontiers in Systems Neuroscience, 2020, 14, 63.	1.2	6

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19	A minimal model of hospital patientsâ€™ dynamics in COVID-19. Chaos, Solitons and Fractals, 2020, 140, 110157.	2.5	7
20	Parallel fast and slow motor inhibition processes in Joint Action coordination. Cortex, 2020, 133, 346-357.	1.1	15
21	Neuromorphic Organic Devices that Specifically Discriminate Dopamine from Its Metabolites by Nonspecific Interactions. Advanced Functional Materials, 2020, 30, 2002141.	7.8	21
22	Conformable polyimide-based Î¼ECoGs: Bringing the electrodes closer to the signal source. Biomaterials, 2020, 255, 120178.	5.7	58
23	Water-Based PEDOT:Nafion Dispersion for Organic Bioelectronics. ACS Applied Materials & Interfaces, 2020, 12, 29807-29817.	4.0	13
24	Tunable Short-Term Plasticity Response in Three-Terminal Organic Neuromorphic Devices. ACS Applied Electronic Materials, 2020, 2, 1849-1854.	2.0	16
25	Scaling of capacitance of PEDOT:PSS: volumevs.area. Journal of Materials Chemistry C, 2020, 8, 11252-11262.	2.7	42
26	Flexible Bioelectronics: Flexible Bioelectronic Devices Based on Micropatterned Monolithic Carbon Fiber Mats (Adv. Mater. Technol. 2/2020). Advanced Materials Technologies, 2020, 5, 2070009.	3.0	0
27	Visual detection is locked to the internal dynamics of cortico-motor control. PLoS Biology, 2020, 18, e3000898.	2.6	18
28	Developmental stuttering disappearance after iatrogenic lesion of the facial nerve. Journal of Neurosurgical Sciences, 2020, 64, 311-312.	0.3	1
29	The First International Workshop on Multi-Scale Movement Technologies. , 2020, , .		0
30	Visual detection is locked to the internal dynamics of cortico-motor control. , 2020, 18, e3000898.		0
31	Visual detection is locked to the internal dynamics of cortico-motor control. , 2020, 18, e3000898.		0
32	Visual detection is locked to the internal dynamics of cortico-motor control. , 2020, 18, e3000898.		0
33	Visual detection is locked to the internal dynamics of cortico-motor control. , 2020, 18, e3000898.		0
34	Visual detection is locked to the internal dynamics of cortico-motor control. , 2020, 18, e3000898.		0
35	Visual detection is locked to the internal dynamics of cortico-motor control. , 2020, 18, e3000898.		0
36	A New Drug Delivery System Based on Tauroursodeoxycholic Acid and PEDOT. Chemistry - A European Journal, 2019, 25, 2322-2329.	1.7	23

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37	Fast Electrophysiological Mapping of Rat Cortical Motor Representation on a Time Scale of Minutes during Skin Stimulation. Neuroscience, 2019, 414, 245-254.	1.1	1
38	Can Crosstalk Compromise the Recording of High-Frequency Neural Signals?. , 2019, , .		3
39	Electrodeposited PEDOT:Nafion Composite for Neural Recording and Stimulation. Advanced Healthcare Materials, 2019, 8, e1900765.	3.9	51
40	Face Landmark-based Speaker-independent Audio-visual Speech Enhancement in Multi-talker Environments. , 2019, , .		33
41	Multi-layer adaptation of group coordination in musical ensembles. Scientific Reports, 2019, 9, 5854.	1.6	15
42	Cross-Modal Audiovisual Modulation of Corticospinal Motor Synergies in Professional Piano Players: A TMS Study during Motor Imagery. Neural Plasticity, 2019, 2019, 1-11.	1.0	4
43	The neural oscillatory markers of phonetic convergence during verbal interaction. Human Brain Mapping, 2019, 40, 187-201.	1.9	9
44	Motor cortex compensates for lack of sensory and motor experience during auditory speech perception. Neuropsychologia, 2019, 128, 290-296.	0.7	13
45	The Ontogenesis of Action Syntax. Collabra: Psychology, 2019, 5, .	0.9	11
46	Glassy carbon MEMS for novel origami-styled 3D integrated intracortical and epicortical neural probes. Journal of Micromechanics and Microengineering, 2018, 28, 065009.	1.5	27
47	Accurate motor mapping in awake common marmosets using micro-electrocorticographical stimulation and stochastic threshold estimation. Journal of Neural Engineering, 2018, 15, 036019.	1.8	5
48	Tool-use training temporarily enhances cognitive performance in long-tailed macaques (Macaca) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 3	0.9	7
49	Early modulation of intra-cortical inhibition during the observation of action mistakes. Scientific Reports, 2018, 8, 1784.	1.6	17
50	In Vivo Dopamine Detection and Single Unit Recordings Using Intracortical Glassy Carbon Microelectrode Arrays. MRS Advances, 2018, 3, 1629-1634.	0.5	31
51	Affordances in Psychology, Neuroscience, and Robotics: A Survey. IEEE Transactions on Cognitive and Developmental Systems, 2018, 10, 4-25.	2.6	108
52	Incorporation of Silicon Carbide and Diamondâ€Like Carbon as Adhesion Promoters Improves In Vitro and In Vivo Stability of Thinâ€Film Glassy Carbon Electrocorticography Arrays. Advanced Biology, 2018, 2, 1700081.	3.0	24
53	Achieving Ultra-Conformability With Polyimide-Based ECoG Arrays. , 2018, 2018, 4464-4467.		8
54	Motor system recruitment during action observation: No correlation between mu-rhythm desynchronization and corticospinal excitability. PLoS ONE, 2018, 13, e0207476.	1.1	14

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55	Glassy Carbon Electrocorticography Electrodes on Ultra-Thin and Finger-Like Polyimide Substrate: Performance Evaluation Based on Different Electrode Diameters. Materials, 2018, 11, 2486.	1.3	23
56	Movement kinematics drive chain selection toward intention detection. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 10452-10457.	3.3	25
57	Single walled carbon nanohorns composite for neural sensing and stimulation. Sensors and Actuators B: Chemical, 2018, 271, 280-288.	4.0	26
58	Biochemically Controlled Release of Dexamethasone Covalently Bound to PEDOT. Chemistry - A European Journal, 2018, 24, 10300-10305.	1.7	19
59	Superlinear Summation of Information in Premotor Neuron Pairs. International Journal of Neural Systems, 2017, 27, 1650009.	3.2	19
60	Highly Stable Glassy Carbon Interfaces for Long-Term Neural Stimulation and Low-Noise Recording of Brain Activity. Scientific Reports, 2017, 7, 40332.	1.6	116
61	Finger pressure adjustments to various object configurations during precision grip in humans and monkeys. European Journal of Neuroscience, 2017, 45, 1473-1484.	1.2	5
62	Improved long-term stability of thin-film glassy carbon electrodes through the use of silicon carbide and amorphous carbon. , 2017, , .		3
63	Action observation effects reflect the modular organization of the human motor system. Cortex, 2017, 95, 104-118.	1.1	16
64	Cortical control of objectâ€specific grasp relies on adjustments of both activity and effective connectivity: a common marmoset study. Journal of Physiology, 2017, 595, 7203-7221.	1.3	27
65	Independent Component Decomposition of Human Somatosensory Evoked Potentials Recorded by Micro-Electrocorticography. International Journal of Neural Systems, 2017, 27, 1650052.	3.2	15
66	Rapid Identification of Cortical Motor Areas in Rodents by High-Frequency Automatic Cortical Stimulation and Novel Motor Threshold Algorithm. Frontiers in Neuroscience, 2017, 11, 580.	1.4	8
67	Multilayer poly(3,4-ethylenedioxythiophene)-dexamethasone and poly(3,4-ethylenedioxythiophene)-polystyrene sulfonate-carbon nanotubes coatings on glassy carbon microelectrode arrays for controlled drug release. Biointerphases, 2017, 12, 031002.	0.6	23
68	Brain Language Mechanisms Built on Action and Perception. , 2016, , 311-324.		7
69	pHEMA Encapsulated PEDOT-PSS-CNT Microsphere Microelectrodes for Recording Single Unit Activity in the Brain. Frontiers in Neuroscience, 2016, 10, 151.	1.4	29
70	Measuring social interaction in music ensembles. Philosophical Transactions of the Royal Society B: Biological Sciences, 2016, 371, 20150377.	1.8	59
71	A Direct Comparison of Glassy Carbon and PEDOT-PSS Electrodes for High Charge Injection and Low Impedance Neural Interfaces. Advances in Science and Technology, 2016, 102, 68-76.	0.2	3
72	Desiderata for developmental cognitive architectures. Biologically Inspired Cognitive Architectures, 2016, 18, 116-127.	0.9	26

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73	Disruption of Broca's Area Alters Higher-order Chunking Processing during Perceptual Sequence Learning. Journal of Cognitive Neuroscience, 2016, 28, 402-417.	1.1	31
74	Integrating articulatory data in deep neural network-based acoustic modeling. Computer Speech and Language, 2016, 36, 173-195.	2.9	31
75	Peripersonal Space and Margin of Safety around the Body: Learning Visuo-Tactile Associations in a Humanoid Robot with Artificial Skin. PLoS ONE, 2016, 11, e0163713.	1.1	41
76	Nanostructured microsphere coated with living cells and tethered with low-stiffness wire: A possible solution to brain tissue reactions. , 2015, , .		4
77	Second Surgery in Insular Low-Grade Gliomas. BioMed Research International, 2015, 2015, 1-11.	0.9	13
78	Listener-Speaker Perceived Distance Predicts the Degree of Motor Contribution to Speech Perception. Cerebral Cortex, 2015, 25, 281-288.	1.6	36
79	What can music tell us about social interaction?. Trends in Cognitive Sciences, 2015, 19, 111-114.	4.0	130
80	When gaze opens the channel for communication: Integrative role of IFG and MPFC. NeuroImage, 2015, 119, 63-69.	2.1	76
81	A Compact and Autoclavable System for Acute Extracellular Neural Recording and Brain Pressure Monitoring for Humans. IEEE Transactions on Biomedical Circuits and Systems, 2015, 9, 50-59.	2.7	2
82	PEDOT-CNT-Coated Low-Impedance, Ultra-Flexible, and Brain-Conformable Micro-ECoG Arrays. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2015, 23, 342-350.	2.7	83
83	Bio-inspired hybrid microelectrodes: a hybrid solution to improve long-term performance of chronic intracortical implants. Frontiers in Neuroengineering, 2014, 7, 7.	4.8	39
84	Smaller, softer, lower-impedance electrodes for human neuroprosthesis: a pragmatic approach. Frontiers in Neuroengineering, 2014, 7, 8.	4.8	66
85	Surgery for insular low-grade glioma: predictors of postoperative seizure outcome. Journal of Neurosurgery, 2014, 120, 12-23.	0.9	61
86	Training the Motor Cortex by Observing the Actions of Others During Immobilization. Cerebral Cortex, 2014, 24, 3268-3276.	1.6	85
87	Vision of tongue movements bias auditory speech perception. Neuropsychologia, 2014, 63, 85-91.	0.7	20
88	An auto-encoder based approach to unsupervised learning of subword units. , 2014, , .		50
89	Computational Validation of the Motor Contribution to Speech Perception. Topics in Cognitive Science, 2014, 6, 461-475.	1.1	9
90	The ITALK Project: A Developmental Robotics Approach to the Study of Individual, Social, and Linguistic Learning. Topics in Cognitive Science, 2014, 6, 534-544.	1.1	17

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91	Energy-related optimal control accounts for gravitational load: comparing shoulder, elbow, and wrist rotations. Journal of Neurophysiology, 2014, 111, 4-16.	0.9	60
92	Sensorimotor communication in professional quartets. Neuropsychologia, 2014, 55, 98-104.	0.7	77
93	Motor Contagion during Human-Human and Human-Robot Interaction. PLoS ONE, 2014, 9, e106172.	1.1	84
94	Alterations in fiber pathways reveal brain tumor typology: a diffusion tractography study. PeerJ, 2014, 2, e497.	0.9	19
95	Ultra-flexible and brain-conformable micro-electrocorticography device with low impedance PEDOT-carbon nanotube coated microelectrodes. , 2013, , .		8
96	The motor cortex is causally related to predictive eye movements during action observation. Neuropsychologia, 2013, 51, 488-492.	0.7	74
97	Motor excitability evaluation in developmental stuttering: A transcranial magnetic stimulation study. Cortex, 2013, 49, 781-792.	1.1	24
98	Biologically Compatible Neural Interface To Safely Couple Nanocoated Electrodes to the Surface of the Brain. ACS Nano, 2013, 7, 3887-3895.	7.3	48
99	Robots can be perceived as goal-oriented agents. Interaction Studies, 2013, 14, 329-350.	0.4	33
100	Modeling speech imitation and ecological learning of auditory-motor maps. Frontiers in Psychology, 2013, 4, 364.	1.1	10
101	Towards Automated Analysis of Joint Music Performance in the Orchestra. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2013, , 120-127.	0.2	6
102	Beyond Motor Scheme: A Supramodal Distributed Representation in the Action-Observation Network. PLoS ONE, 2013, 8, e58632.	1.1	22
103	Activity in ventral premotor cortex is modulated by vision of own hand in action. PeerJ, 2013, 1, e88.	0.9	14
104	Shaping the Dynamics of a Bidirectional Neural Interface. PLoS Computational Biology, 2012, 8, e1002578.	1.5	24
105	Bi-hemispheric effects on corticospinal excitability induced by repeated sessions of imagery versus observation of actions. Restorative Neurology and Neuroscience, 2012, 30, 481-489.	0.4	13
106	Role of Broca's Area in Implicit Motor Skill Learning: Evidence from Continuous Theta-burst Magnetic Stimulation. Journal of Cognitive Neuroscience, 2012, 24, 80-92.	1.1	72
107	Surgery of Insular Nonenhancing Gliomas. Neurosurgery, 2012, 70, 1081-1094.	0.6	97
108	Low-grade glioma surgery in eloquent areas: volumetric analysis of extent of resection and its impact on overall survival. A single-institution experience in 190 patients. Journal of Neurosurgery, 2012, 117, 1039-1052.	0.9	247

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109	Deep-level acoustic-to-articulatory mapping for DBN-HMM based phone recognition. , 2012, , .		13
110	Functional effect of short-term immobilization: Kinematic changes and recovery on reaching-to-grasp. Neuroscience, 2012, 215, 127-134.	1.1	40
111	The role of the motor system in discriminating normal and degraded speech sounds. Cortex, 2012, 48, 882-887.	1.1	141
112	Automatic onlinespike sorting with singular value decomposition and fuzzy C-mean clustering. BMC Neuroscience, 2012, 13, 96.	0.8	30
113	Deep brain stimulation: Subthalamic nucleus electrophysiological activity in awake and anesthetized patients. Clinical Neurophysiology, 2012, 123, 2406-2413.	0.7	58
114	The contribution of the frontal lobe to the perception of speech. Journal of Neurolinguistics, 2012, 25, 328-335.	0.5	66
115	Corticospinal Facilitation during Observation of Graspable Objects: A Transcranial Magnetic Stimulation Study. PLoS ONE, 2012, 7, e49025.	1.1	43
116	Origins of 1/f² scaling in the power spectrum of intracortical local field potential. Journal of Neurophysiology, 2012, 107, 984-994.	0.9	46
117	Measuring Human-Robot Interaction Through Motor Resonance. International Journal of Social Robotics, 2012, 4, 223-234.	3.1	64
118	Communication in Orchestra Playing as Measured with Granger Causality. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2012, , 273-275.	0.2	2
119	Leadership in Orchestra Emerges from the Causal Relationships of Movement Kinematics. PLoS ONE, 2012, 7, e35757.	1.1	94
120	Motor cognition: TMS studies of action generation. , 2012, , .		1
121	Superior Electrochemical Performance of Carbon Nanotubes Directly Grown on Sharp Microelectrodes. ACS Nano, 2011, 5, 2206-2214.	7.3	70
122	Dynamic brain-machine interface: A novel paradigm for bidirectional interaction between brains and dynamical systems. , 2011, 2011, 4592-5.		8
123	A Roadmap for Cognitive Development in Humanoid Robots. Cognitive Systems Monographs, 2011, , .	0.1	56
124	The Use of Phonetic Motor Invariants Can Improve Automatic Phoneme Discrimination. PLoS ONE, 2011, 6, e24055.	1.1	11
125	Does Observation of Postural Imbalance Induce a Postural Reaction?. PLoS ONE, 2011, 6, e17799.	1.1	20
126	Vocal pitch discrimination in the motor system. Brain and Language, 2011, 118, 9-14.	0.8	30

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127	Effect of weight-related labels on corticospinal excitability during observation of grasping: a TMS study. Experimental Brain Research, 2011, 211, 161-167.	0.7	63
128	Carbon nanotube composite coating of neural microelectrodes preferentially improves the multiunit signal-to-noise ratio. Journal of Neural Engineering, 2011, 8, 066013.	1.8	79
129	Electromyographic Activity of Hand Muscles in a Motor Coordination Game: Effect of Incentive Scheme and Its Relation with Social Capital. PLoS ONE, 2011, 6, e17372.	1.1	2
130	Integration of Action and Language Knowledge: A Roadmap for Developmental Robotics. IEEE Transactions on Autonomous Mental Development, 2010, 2, 167-195.	2.3	126
131	Lexicality drives audio-motor transformations in Brocaâ€™s area. Brain and Language, 2010, 112, 3-11.	0.8	37
132	The iCubÂhumanoid robot: An open-systems platform for research in cognitive development. Neural Networks, 2010, 23, 1125-1134.	3.3	460
133	Chemical vapour deposited carbon nanotube coated microelectrodes for intracortical neural recording. Physica Status Solidi (B): Basic Research, 2010, 247, 2703-2707.	0.7	17
134	Active perception: sensorimotor circuits as a cortical basis for language. Nature Reviews Neuroscience, 2010, 11, 351-360.	4.9	840
135	Force requirements of observed object lifting are encoded by the observerâ€™s motor system: a TMS study. European Journal of Neuroscience, 2010, 31, 1144-1153.	1.2	106
136	New perspectives on the dialogue between brains and machines. Frontiers in Neuroscience, 2010, 4, 44.	1.4	51
137	Automatic versus Voluntary Motor Imitation: Effect of Visual Context and Stimulus Velocity. PLoS ONE, 2010, 5, e13506.	1.1	63
138	Do We Really Need Vision? How Blind People â€œSeeâ€•the Actions of Others. Journal of Neuroscience, 2009, 29, 9719-9724.	1.7	134
139	Encoding of human action in Broca's area. Brain, 2009, 132, 1980-1988.	3.7	201
140	The Motor Somatotopy of Speech Perception. Current Biology, 2009, 19, 381-385.	1.8	524
141	Broca's Area in Language, Action, and Music. Annals of the New York Academy of Sciences, 2009, 1169, 448-458.	1.8	257
142	Role of Broca's area in encoding sequential human actions: a virtual lesion study. NeuroReport, 2009, 20, 1496-1499.	0.6	97
143	The common language of speech perception and action: a neurocognitive perspective. Revue Francaise De Linguistique Appliquee, 2009, Vol. XIII, 9-22.	1.0	12
144	Chapitre 11. ReprÃ©sentation des actions de la main et du langage dans l'aire de BrocaÂ: le rÃ1le des neurones miroirs. Neurosciences & Cognition SÃ©rie LMD, 2009, , 191-200.	0.0	0

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145	Interaction of visual hemifield and body view in biological motion perception. European Journal of Neuroscience, 2008, 27, 514-522.	1.2	47
146	The Evolution of Social Cognition: Goal Familiarity Shapes Monkeys' Action Understanding. Current Biology, 2008, 18, 227-232.	1.8	113
147	Phonological and lexical motor facilitation during speech listening: A transcranial magnetic stimulation study. Journal of Physiology (Paris), 2008, 102, 101-105.	2.1	65
148	The mirror neuron system: New frontiers. Social Neuroscience, 2008, 3, 193-198.	0.7	114
149	Temporal prediction of touch instant during observation of human and robot grasping. Brain Research Bulletin, 2008, 75, 770-774.	1.4	19
150	Distinct Olfactory Cross-Modal Effects on the Human Motor System. PLoS ONE, 2008, 3, e1702.	1.1	41
151	Parietal cortex involvement in the localization of tactile and noxious mechanical stimuli: A transcranial magnetic stimulation study. Behavioural Brain Research, 2007, 178, 183-189.	1.2	41
152	Functional magnetic resonance imaging: Measuring versus estimating. NeuroImage, 2007, 37, 1042-1044.	2.1	16
153	The mirror-neurons system: data and models. Progress in Brain Research, 2007, 164, 39-59.	0.9	64
154	Precision grasping in humans: from motor control to cognition. Current Opinion in Neurobiology, 2007, 17, 644-648.	2.0	99
155	Enhancement of force after action observation. Neuropsychologia, 2007, 45, 3114-3121.	0.7	69
156	Hand Actions and Speech Representation in Broca's Area. Cortex, 2006, 42, 486-490.	1.1	96
157	Understanding mirror neurons. Interaction Studies, 2006, 7, 197-232.	0.4	60
158	Language in shadow. Social Neuroscience, 2006, 1, 77-89.	0.7	61
159	Brocaâ€™s Region: A Speech Area?. , 2006, , 137-152.		18
160	Human motor cortex excitability during the perception of othersâ€™ action. Current Opinion in Neurobiology, 2005, 15, 213-218.	2.0	439
161	Eye Position Affects Orienting of Visuospatial Attention. Current Biology, 2004, 14, 331-333.	1.8	78
162	Corticospinal excitability during painful self-stimulation in humans: a transcranial magnetic stimulation study. Neuroscience Letters, 2004, 361, 250-253.	1.0	19

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163	Electrophysiology of Action Representation. Journal of Clinical Neurophysiology, 2004, 21, 157-169.	0.9	103
164	New insights on sensorimotor integration: From hand action to speech perception. Brain and Cognition, 2003, 53, 514-524.	0.8	31
165	From mirror neurons to imitation: Facts and speculations. , 2002, , 247-266.		145
166	Hand action preparation influences the responses to hand pictures. Neuropsychologia, 2002, 40, 492-502.	0.7	264
167	Speech listening specifically modulates the excitability of tongue muscles: a TMS study. European Journal of Neuroscience, 2002, 15, 399-402.	1.2	709
168	I Know What You Are Doing. Neuron, 2001, 31, 155-165.	3.8	1,085
169	Peripheral oculomotor palsy affects orienting of visuospatial attention. NeuroReport, 2001, 12, 3283-3286.	0.6	43
170	Modulation of spinal excitability during observation of hand actions in humans. European Journal of Neuroscience, 2001, 13, 190-194.	1.2	163
171	Visuomotor neurons: ambiguity of the discharge or â€˜motorâ€™ perception?. International Journal of Psychophysiology, 2000, 35, 165-177.	0.5	337
172	Action for perception: A motor-visual attentional effect.. Journal of Experimental Psychology: Human Perception and Performance, 1999, 25, 1673-1692.	0.7	280
173	Corticospinal excitability is specifically modulated by motor imagery: a magnetic stimulation study. Neuropsychologia, 1998, 37, 147-158.	0.7	389
174	Grasping Objects and Grasping Action Meanings: The Dual Role of Monkey Rostroventral Premotor Cortex (Area F5). Novartis Foundation Symposium, 1998, 218, 81-108.	1.2	100
175	Premotor Cortex Activation during Observation and Naming of Familiar Tools. NeuroImage, 1997, 6, 231-236.	2.1	678
176	NEUROSCIENCE: Enhanced: The Space Around Us. Science, 1997, 277, 190-191.	6.0	677
177	Object Representation in the Ventral Premotor Cortex (Area F5) of the Monkey. Journal of Neurophysiology, 1997, 78, 2226-2230.	0.9	646
178	ACTION REPRESENTATION AND LANGUAGE IN THE BRAIN. Theoretical Linguistics, 1997, 23, .	0.1	12
179	Premotor cortex and the recognition of motor actions. Cognitive Brain Research, 1996, 3, 131-141.	3.3	4,178
180	Action recognition in the premotor cortex. Brain, 1996, 119, 593-609.	3.7	4,538

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181	Evidence for visuomotor priming effect. NeuroReport, 1996, 8, 347-349.	0.6	144
182	Localization of grasp representations in humans by positron emission tomography. Experimental Brain Research, 1996, 112, 103-11.	0.7	902
183	Space coding by premotor cortex. Experimental Brain Research, 1992, 89, 686-690.	0.7	204
184	Understanding motor events: a neurophysiological study. Experimental Brain Research, 1992, 91, 176-180.	0.7	2,983
185	Ultradian and circadian changes in the cAMP concentration in the preoptic region of the rat. Brain Research, 1991, 551, 132-135.	1.1	13
186	Relationship between cAMP concentration in anterior hypothalamic-preoptic region and the ultradian wake-sleep cycle. Journal of the Autonomic Nervous System, 1990, 30, S5-S7.	1.9	0
187	The Relationship Between F0 Synchrony and Speech Convergence in Dyadic Interaction. , 0, , .		9
188	Analyzing Vocal Tract Movements During Speech Accommodation. , 0, , .		2
189	Implantable Organic Artificial Synapses Exhibiting Crossover between Depressive and Facilitative Plasticity Response. Advanced Electronic Materials, 0, , 2100755.	2.6	5
190	Relevance-weighted-reconstruction of articulatory features in deep-neural-network-based acoustic-to-articulatory mapping. , 0, , .		8
191	Robots can be perceived as goal-oriented agents. Contemporary Discourses of Hate and Radicalism Across Space and Genres, 0, , 13-32.	0.0	1