Alessandro Farne'

List of Publications by Year
in descending order

161 papers	9,022 citations	44069 48 h-index	46799 89 g-index
176 all docs	176 docs citations	176 times ranked	4383 citing authors

#	Article	IF	Citations
1	Spatial Hearing Difficulties in Reaching Space in Bilateral Cochlear Implant Children Improve With Head Movements. Ear and Hearing, 2022, 43, 192-205.	2.1	13
2	The sense of body ownership shapes the visual representation of body size.. Journal of Experimental Psychology: General, 2022, 151, 872-884.	2.1	1
3	Faceâ€“hand sensorimotor interactions revealed by afferent inhibition. European Journal of Neuroscience, 2022, 55, 189-200.	2.6	3
4	A neural surveyor to map touch on the body. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	7.1	10
5	Body schema plasticity is altered in Developmental Coordination Disorder. Neuropsychologia, 2022, 166, 108136.	1.6	6
6	Adapting to altered auditory cues: Generalization from manual reaching to head pointing. PLoS ONE, 2022, 17, e0263509.	2.5	11
7	The long developmental trajectory of body representation plasticity following tool use. Scientific Reports, 2021, 11, 559.	3.3	32
8	Whole-hand perceptual maps of joint location. Experimental Brain Research, 2021, 239, 1235-1246.	1.5	0
9	Close facial emotions enhance physiological responses and facilitate perceptual discrimination. Cortex, 2021, 138, 40-58.	2.4	13
10	Optic flow selectivity in the macaque parieto-occipital sulcus. Brain Structure and Function, 2021, 226, 2911-2930.	2.3	9
11	Peripersonal and reaching space differ: Evidence from their spatial extent and multisensory facilitation pattern. Psychonomic Bulletin and Review, 2021, 28, 1894-1905.	2.8	14
12	The Peripersonal Space in a social world. Cortex, 2021, 142, 28-46.	2.4	17
13	Associative learning in peripersonal space: fear responses are acquired in hand-centered coordinates. Journal of Neurophysiology, 2021, 126, 864-874.	1.8	2
14	The toolish hand illusion: embodiment of a tool based on similarity with the hand. Scientific Reports, 2021, 11, 2024.	3.3	11
15	Me, you, and our object: Peripersonal space recruitment during executed and observed actions depends on object ownership.. Journal of Experimental Psychology: General, 2021, 150, 1410-1422.	2.1	7
16	Eye dominance modulates visuospatial attention. Neuropsychologia, 2020, 141, 107314.	1.6	12
17	Online proprioception feeds plasticity of arm representation following tool-use in healthy aging. Scientific Reports, 2020, 10, 17275.	3.3	8
18	The impact of a visual spatial frame on real sound-source localization in virtual reality. Current Research in Behavioral Sciences, 2020, 1, 100003.	4.1	18

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19	Exploring the Effect of Cooperation in Reducing Implicit Racial Bias and Its Relationship With Dispositional Empathy and Political Attitudes. Frontiers in Psychology, 2020, 11, 510787.	2.1	21
20	Reaching to sounds in virtual reality: A multisensory-motor approach to promote adaptation to altered auditory cues. Neuropsychologia, 2020, 149, 107665.	1.6	18
21	The role of the vestibular system in value attribution to positive and negative reinforcers. Cortex, 2020, 133, 215-235.	2.4	4
22	Feeling better: Tactile verbs speed up tactile detection. Brain and Cognition, 2020, 142, 105582.	1.8	4
23	The sense of body-ownership gates cross-modal improvement of tactile extinction in brain-damaged patients. Cortex, 2020, 127, 94-107.	2.4	11
24	Atomoxetine modulates the relationship between perceptual abilities and response bias. Psychopharmacology, 2019, 236, 3641-3653.	3.1	3
25	Embodiment into a robot increases its acceptability. Scientific Reports, 2019, 9, 10083.	3.3	34
26	Aim and Plausibility of Action Chains Remap Peripersonal Space. Frontiers in Psychology, 2019, 10, 1681.	2.1	3
27	The half of the story we did not know about prism adaptation. Cortex, 2019, 119, 141-157.	2.4	10
28	Hands Ahead in Mind and Motion: Active Inference in Peripersonal Hand Space. Vision (Switzerland), 2019, 3, 15.	1.2	10
29	Somatosensory-guided tool use modifies arm representation for action. Scientific Reports, 2019, 9, 5517.	3.3	30
30	Assessing Spatial and Temporal Reliability of the Vive System as a Tool for Naturalistic Behavioural Research. , 2019, , .		10
31	Somatosensory Cortex Efficiently Processes Touch Located Beyond the Body. Current Biology, 2019, 29, 4276-4283.e5.	3.9	53
32	Rubber hand illusion modulates the influences of somatosensory and parietal inputs to the motor cortex. Journal of Neurophysiology, 2019, 121, 563-573.	1.8	34
33	Unimodal and crossmodal extinction of nociceptive stimuli in healthy volunteers. Behavioural Brain Research, 2019, 362, 114-121.	2.2	6
34	Action Planning Modulates Peripersonal Space. Journal of Cognitive Neuroscience, 2019, 31, 1141-1154.	2.3	27
35	Adaptation to Leftward Shifting Prisms Alters Motor Interhemispheric Inhibition. Cerebral Cortex, 2018, 28, 528-537.	2.9	13
36	Probing the role of the vestibular system in motivation and reward-based attention. Cortex, 2018, 103, 82-99.	2.4	16

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37	Adding methylphenidate to prism-adaptation improves outcome in neglect patients. A randomized clinical trial. Cortex, 2018, 106, 288-298.	2.4	14
38	Mental space maps into the future. Cognition, 2018, 176, 65-73.	2.2	16
39	Vision facilitates tactile perception when grasping an object. Scientific Reports, 2018, 8, 15653.	3.3	10
40	Mind the Depth: Visual Perception of Shapes Is Better in Peripersonal Space. Psychological Science, 2018, 29, 1868-1877.	3.3	20
41	Sensing with tools extends somatosensory processing beyond the body. Nature, 2018, 561, 239-242.	27.8	120
42	A cortical substrate for the long-term memory of saccadic eye movements calibration. NeuroImage, 2018, 179, 348-356.	4.2	5
43	Cooperative tool-use reveals peripersonal and interpersonal spaces are dissociable. Cognition, 2017, 166, 13-22.	2.2	38
44	Studying the neural bases of prism adaptation using fMRI: A technical and design challenge. Behavior Research Methods, 2017, 49, 2031-2043.	4.0	10
45	The asymmetrical effect of leftward and rightward prisms on intact visuospatial cognition. Cortex, 2017, 97, 23-31.	2.4	30
46	It's in the eyes: Planning precise manual actions before execution. Journal of Vision, 2016, 16, 18.	0.3	47
47	Prismatic Adaptation Induces Plastic Changes onto Spatial and Temporal Domains in Near and Far Space. Neural Plasticity, 2016, 2016, 1-13.	2.2	6
48	Paired-Pulse Parietal-Motor Stimulation Differentially Modulates Corticospinal Excitability across Hemispheres When Combined with Prism Adaptation. Neural Plasticity, 2016, 2016, 1-9.	2.2	14
49	Proprioception Is Necessary for Body Schema Plasticity: Evidence from a Deafferented Patient. Frontiers in Human Neuroscience, 2016, 10, 272.	2.0	30
50	Disentangling Action from Social Space: Tool-Use Differently Shapes the Space around Us. PLoS ONE, 2016, 11, e0154247.	2.5	35
51	Tool-use: An open window into body representation and its plasticity. Cognitive Neuropsychology, 2016, 33, 82-101.	1.1	116
52	Changing ideas about othersâ€™ intentions: updating prior expectations tunes activity in the human motor system. Scientific Reports, 2016, 6, 26995.	3.3	13
53	Grasping objects by former amputees: The visuo-motor control of allografted hands. Restorative Neurology and Neuroscience, 2016, 34, 615-633.	0.7	2
54	Anticipatory eye fixations reveal tool knowledge for tool interaction. Experimental Brain Research, 2016, 234, 2415-2431.	1.5	14

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55	Boosting Norepinephrine Transmission Triggers Flexible Reconfiguration of Brain Networks at Rest. Cerebral Cortex, 2016, 27, 4691-4700.	2.9	34
56	Depth: the Forgotten Dimension inÂMultisensoryÂResearch. Multisensory Research, 2016, 29, 493-524.	1.1	27
57	Body image assessment in population with chronic low back pain and evolution after a functional restoration program. Annals of Physical and Rehabilitation Medicine, 2016, 59, e146.	2.3	0
58	Bilateral representations of touch in the primary somatosensory cortex. Cognitive Neuropsychology, 2016, 33, 48-66.	1.1	68
59	Neuromagnetic correlates of adaptive plasticity across the hand-face border in human primary somatosensory cortex. Journal of Neurophysiology, 2016, 115, 2095-2104.	1.8	15
60	Prism Adaptation Alters Electrophysiological Markers of Attentional Processes in the Healthy Brain. Journal of Neuroscience, 2016, 36, 1019-1030.	3.6	26
61	The rules of tool incorporation: Tool morpho-functional & sensori-motor constraints. Cognition, 2016, 149, 1-5.	2.2	41
62	Losing self control. ELife, 2016, 5, .	6.0	4
63	Somatotopy and temporal dynamics of sensorimotor interactions: evidence from double afferent inhibition. European Journal of Neuroscience, 2015, 41, 1459-1465.	2.6	26
64	Early integration of bilateral touch in the primary somatosensory cortex. Human Brain Mapping, 2015, 36, 1506-1523.	3.6	45
65	Deployment of spatial attention without moving the eyes is boosted by oculomotor adaptation. Frontiers in Human Neuroscience, 2015, 9, 426.	2.0	8
66	There or not there? A multidisciplinary review and research agenda on the impact of transparent barriers on human perception, action, and social behavior. Frontiers in Psychology, 2015, 6, 1381.	2.1	11
67	Increasing Attentional Load Boosts Saccadic Adaptation. , 2015, 56, 6304.		8
68	Left or right? Rapid visuomotor coding of hand laterality during motor decisions. Cortex, 2015, 64, 289-292.	2.4	9
69	Goal-oriented gaze strategies afforded by object interaction. Vision Research, 2015, 106, 47-57.	1.4	34
70	Sensorimotor and social aspects of peripersonal space. Neuropsychologia, 2015, 70, 309-312.	1.6	10
71	Testing Cognition and Rehabilitation in Unilateral Neglect with Wedge Prism Adaptation: Multiple Interplays Between Sensorimotor Adaptation and Spatial Cognition. , 2015, , 359-381.		9
72	A Role for the Parietal Cortex in Sensorimotor Adaptation of Saccades. Cerebral Cortex, 2014, 24, 304-314.	2.9	30

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73	Tool use imagery triggers tool incorporation in the body schema. Frontiers in Psychology, 2014, 5, 492.	2.1	48
74	Multisensory Representation of the Space Near the Hand. Neuroscientist, 2014, 20, 122-135.	3.5	104
75	Prism adaptation in the healthy brain: The shift in line bisection judgments is long lasting and fluctuates. Neuropsychologia, 2014, 53, 165-170.	1.6	68
76	Costs and benefits of tool-use on the perception of reachable space. Acta Psychologica, 2014, 148, 91-95.	1.5	69
77	Touch improvement at the hand transfers to the face. Current Biology, 2014, 24, R736-R737.	3.9	28
78	The helmet head restraint system: A viable solution for resting state fMRI in awake monkeys. NeuroImage, 2014, 86, 536-543.	4.2	19
79	Classification of multiscale spatiotemporal energy features for video segmentation and dynamic objects prioritisation. Pattern Recognition Letters, 2013, 34, 713-722.	4.2	3
80	Vision of the body and the differentiation of perceived body side in touch. Cortex, 2013, 49, 1340-1351.	2.4	15
81	The use of an exoskeleton to investigate the self advantage phenomenon. , 2013, 2013, 2503-6.		2
82	Remission of anosognosia for right hemiplegia and neglect after caloric vestibular stimulation. Restorative Neurology and Neuroscience, 2013, 31, 19-24.	0.7	20
83	Tonal cues modulate line bisection performance: preliminary evidence for a new rehabilitation prospect?. Frontiers in Psychology, 2013, 4, 704.	2.1	16
84	Effect of sensorimotor adaptation of saccades on covert attention.. Journal of Vision, 2013, 13, 1218-1218.	0.3	0
85	The Contribution of Primary and Secondary Somatosensory Cortices to the Representation of Body Parts and Body Sides: An fMRI Adaptation Study. Journal of Cognitive Neuroscience, 2012, 24, 2306-2320.	2.3	62
86	The Rubber Hand Illusion: Twoâ€™s a company, but threeâ€™s a crowd. Consciousness and Cognition, 2012, 21, 799-812.	1.5	40
87	The hands have it: Hand specific vision of touch enhances touch perception and somatosensory evoked potential. Seeing and Perceiving, 2012, 25, 43.	0.3	1
88	Grab an object with a tool and change your body: tool-use-dependent changes of body representation for action. Experimental Brain Research, 2012, 218, 259-271.	1.5	87
89	Keeping the world at hand: rapid visuomotor processing for handâ€“object interactions. Experimental Brain Research, 2012, 219, 421-428.	1.5	43
90	Facial macrosomatognosia and pain in a case of Wallenberg's syndrome: Selective effects of vestibular and transcutaneous stimulations. Neuropsychologia, 2012, 50, 245-253.	1.6	33

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91	Neglect: A multisensory deficit?. Neuropsychologia, 2012, 50, 1029-1044.	1.6	40
92	Increases of corticospinal excitability in selfâ€•related processing. European Journal of Neuroscience, 2012, 36, 2716-2721.	2.6	11
93	Spatial coding of touch at the fingers: Insights from double simultaneous stimulation within and between hands. Neuroscience Letters, 2011, 487, 78-82.	2.1	55
94	Studying Multisensory Processing and Its Role in the Representation of Space through Pathological and Physiological Crossmodal Extinction. Frontiers in Psychology, 2011, 2, 89.	2.1	14
95	Seeing Your Error Alters My Pointing: Observing Systematic Pointing Errors Induces Sensori-Motor After-Effects. PLoS ONE, 2011, 6, e21070.	2.5	15
96	The Agent is Right: When Motor Embodied Cognition is Space-Dependent. PLoS ONE, 2011, 6, e25036.	2.5	27
97	When action is not enough: Tool-use reveals tactile-dependent access to Body Schema. Neuropsychologia, 2011, 49, 3750-3757.	1.6	76
98	Spatial Perspective and Coordinate Systems in Autoscopy: A Case Report of a â€œFantome de Profilâ€•in Occipital Brain Damage. Journal of Cognitive Neuroscience, 2011, 23, 1741-1751.	2.3	15
99	Prism Adaptation and the Rehabilitation of Spatial Neglect. , 2011, , 81-104.		1
100	Human Tool Use. , 2011, , 202-219.		2
101	Peripersonal Space. Frontiers in Neuroscience, 2011, , 449-466.	0.0	29
102	Action-specific remapping of peripersonal space. Neuropsychologia, 2010, 48, 796-802.	1.6	113
103	Peripersonal Space and Body Schema. , 2010, , 40-46.		5
104	Selective impairment of self body-parts processing in right brain-damaged patients. Cortex, 2010, 46, 322-328.	2.4	46
105	REHABILITATION OF NEGLECT BY WEDGE PRISM ADAPTATION: From sensorimotor adaptation to spatial cognition. Higher Brain Function Research, 2010, 30, 235-250.	0.0	0
106	Coding of Visual Space during Motor Preparation: Approaching Objects Rapidly Modulate Corticospinal Excitability in Hand-Centered Coordinates. Journal of Neuroscience, 2009, 29, 11841-11851.	3.6	96
107	Visual processing of moving and static self body-parts. Neuropsychologia, 2009, 47, 1988-1993.	1.6	36
108	Tool-use induces morphological updating of the body schema. Current Biology, 2009, 19, R478-R479.	3.9	308

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109	Tool-use induces morphological updating of the body schema. Current Biology, 2009, 19, 1157.	3.9	57
110	Peripersonal Space and Body Schema: Two Labels for the Same Concept?. Brain Topography, 2009, 21, 252-260.	1.8	193
111	Optokinetic stimulation induces illusory movement of both out-of-the-body and on-the-body hand-held visual objects. Experimental Brain Research, 2009, 193, 633-638.	1.5	4
112	Grasping actions remap peripersonal space. NeuroReport, 2009, 20, 913-917.	1.2	94
113	Losing One's Hand: Visual-Proprioceptive Conflict Affects Touch Perception. PLoS ONE, 2009, 4, e6920.	2.5	79
114	Touch perception reveals the dominance of spatial over digital representation of numbers. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 5644-5648.	7.1	56
115	Extended Multisensory Space in Blind Cane Users. Psychological Science, 2007, 18, 642-648.	3.3	216
116	Divide et impera? Towards integrated multisensory perception and action. Behavioral and Brain Sciences, 2007, 30, 202-203.	0.7	0
117	Dynamic Size-Change of Peri-Hand Space Following Tool-Use: Determinants and Spatial Characteristics Revealed Through Cross-Modal Extinction. Cortex, 2007, 43, 436-443.	2.4	84
118	Feeling sounds after a thalamic lesion. Annals of Neurology, 2007, 62, 433-441.	5.3	84
119	Close to me: Multisensory space representations for action and pre-reflexive consciousness of oneself-in-the-world. Consciousness and Cognition, 2007, 16, 687-699.	1.5	43
120	Can vision of the body ameliorate impaired somatosensory function?. Neuropsychologia, 2007, 45, 1101-1107.	1.6	77
121	Dynamic size-change of peri-hand space through tool-use: Spatial extension or shift of the multi-sensory area. Journal of Neuropsychology, 2007, 1, 101-114.	1.4	48
122	Effects of prism adaptation on motor deficit in neglect: A single-case study with gait analysis. Gait and Posture, 2006, 24, S40-S41.	1.4	0
123	Prism adaptation in the rehabilitation of patients with visuo-spatial cognitive disorders. Current Opinion in Neurology, 2006, 19, 534-542.	3.6	150
124	Parietal rTMS distorts the mental number line: Simulating â€˜spatialâ€™ neglect in healthy subjects. Neuropsychologia, 2006, 44, 860-868.	1.6	183
125	Neglect and extinction: within and between sensory modalities. Restorative Neurology and Neuroscience, 2006, 24, 217-32.	0.7	58
126	Shaping multisensory actionâ€“space with tools: evidence from patients with cross-modal extinction. Neuropsychologia, 2005, 43, 238-248.	1.6	256

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127	Neuropsychological evidence of modular organization of the near peripersonal space. Neurology, 2005, 65, 1754-1758.	1.1	89
128	Disorders of Visuo-spatial Cognition. Neurocase, 2005, 11, 146-147.	0.6	1
129	The role played by tool-use and tool-length on the Plastic Elongation of peri-hand space: a single case study. Cognitive Neuropsychology, 2005, 22, 408-418.	1.1	45
130	Poor hand-pointing to sounds in right brain-damaged patients: Not just a problem of spatial-hearing. Brain and Cognition, 2005, 59, 215-224.	1.8	8
131	Implicit body representations in action. Advances in Consciousness Research, 2005, , 111-125.	0.2	11
132	Hemispatial neglect. Neurology, 2004, 62, 749-756.	1.1	520
133	Patterns of spontaneous recovery of neglect and associated disorders in acute right brain-damaged patients. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 1401-1410.	1.9	168
134	Visual Enhancing of Tactile Perception in the Posterior Parietal Cortex. Journal of Cognitive Neuroscience, 2004, 16, 24-30.	2.3	98
135	Visuo-tactile representation of near-the-body space. Journal of Physiology (Paris), 2004, 98, 161-170.	2.1	69
136	Neuropsychological Evidence for Multimodal Representations of Space near Specific Body Parts. , 2004, , 68-98.		10
137	Inhibition of return and the human frontal eye fields. Experimental Brain Research, 2003, 150, 290-296.	1.5	87
138	Visuo-motor control of the ipsilateral hand: evidence from right brain-damaged patients. Neuropsychologia, 2003, 41, 739-757.	1.6	87
139	Beyond the window: multisensory representation of peripersonal space across a transparent barrier. International Journal of Psychophysiology, 2003, 50, 51-61.	1.0	34
140	Bottom-up transfer of sensory-motor plasticity to recovery of spatial cognition: visuomotor adaptation and spatial neglect. Progress in Brain Research, 2003, 142, 273-287.	1.4	87
141	Task-dependent visual coding of sound position in visuospatial neglect patients. NeuroReport, 2003, 14, 99-103.	1.2	16
142	Viewing less to see better. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 195-198.	1.9	36
143	Viewing less to see better. Zeloni G, FarnÃ¨ A,âˆ—âˆ—Dr. A. FarnÃ¨, Dipatimento di Psicologica, Universita di Bologna, Viale Berti Pichat 5, 40127 Bologna, Italy; e-mail: farne@psibo.unibo.it Baccini M. J Neurol Neurosurg Psychiatry 2002;73:195â€“198.. American Journal of Ophthalmology, 2002, 134, 942.	3.3	0
144	Auditory Peripersonal Space in Humans. Journal of Cognitive Neuroscience, 2002, 14, 1030-1043.	2.3	105

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145	Locating the Human Frontal Eye Fields With Transcranial Magnetic Stimulation. Journal of Clinical and Experimental Neuropsychology, 2002, 24, 930-940.	1.3	41
146	Dissociated long lasting improvements of straight-ahead pointing and line bisection tasks in two hemineglect patients. Neuropsychologia, 2002, 40, 327-334.	1.6	144
147	Ameliorating neglect with prism adaptation: visuo-manual and visuo-verbal measures. Neuropsychologia, 2002, 40, 718-729.	1.6	170
148	Face or Hand, Not Both. Current Biology, 2002, 12, 1342-1346.	3.9	51
149	Auditory Peripersonal Space in Humans: a Case of Auditory-Tactile Extinction. Neurocase, 2001, 7, 97-103.	0.6	52
150	Auditory Peripersonal Space in Humans: a Case of Auditory-Tactile Extinction. Neurocase, 2001, 7, 97-103.	0.6	5
151	Dynamic size-change of hand peripersonal space following tool use. NeuroReport, 2000, 11, 1645-1649.	1.2	344
152	Seeing or not seeing where your hands are. Experimental Brain Research, 2000, 131, 458-467.	1.5	82
153	Left tactile extinction following visual stimulation of a rubber hand. Brain, 2000, 123, 2350-2360.	7.6	167
154	Hand kinematics during reaching and grasping in the macaque monkey. Behavioural Brain Research, 2000, 117, 75-82.	2.2	72
155	Are perception and action affected differently by the Titchener circles illusion?. Experimental Brain Research, 1999, 127, 95-101.	1.5	168
156	Prism adaptation to a rightward optical deviation rehabilitates left hemispatial neglect. Nature, 1998, 395, 166-169.	27.8	886
157	In search of biased egocentric reference frames in neglect. Neuropsychologia, 1998, 36, 611-623.	1.6	90
158	Neuropsychological Evidence of an Integrated Visuotactile Representation of Peripersonal Space in Humans. Journal of Cognitive Neuroscience, 1998, 10, 581-589.	2.3	216
159	Visual peripersonal space centred on the face in humans. Brain, 1998, 121, 2317-2326.	7.6	85
160	Seeing where your hands are. Nature, 1997, 388, 730-730.	27.8	247
161	Neglect determined by the relative location of responses. Brain, 1994, 117, 705-714.	7.6	19