

Francesco Pavani

List of Publications by Year in descending order

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Version: 2024-02-01

105
papers

4,785
citations

109321

35
h-index

102487

66
g-index

109
all docs

109
docs citations

109
times ranked

3198
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Visual Capture of Touch: Out-of-the-Body Experiences With Rubber Gloves. <i>Psychological Science</i> , 2000, 11, 353-359. | 3.3 | 559 |
| 2 | Synchronous Multisensory Stimulation Blurs Self-Other Boundaries. <i>Psychological Science</i> , 2010, 21, 1202-1207. | 3.3 | 279 |
| 3 | Spatial constraints on visual-tactile cross-modal distractor congruency effects. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2004, 4, 148-169. | 2.0 | 229 |
| 4 | Crossmodal links between vision and touch in covert endogenous spatial attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 1298-1319. | 0.9 | 200 |
| 5 | Are perception and action affected differently by the Titchener circles illusion?. <i>Experimental Brain Research</i> , 1999, 127, 95-101. | 1.5 | 168 |
| 6 | Left tactile extinction following visual stimulation of a rubber hand. <i>Brain</i> , 2000, 123, 2350-2360. | 7.6 | 167 |
| 7 | Multisensory contributions to the 3-D representation of visuotactile peripersonal space in humans: evidence from the crossmodal congruency task. <i>Journal of Physiology (Paris)</i> , 2004, 98, 171-189. | 2.1 | 153 |
| 8 | Crossmodal links between vision and touch in covert endogenous spatial attention.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2000, 26, 1298-1319. | 0.9 | 142 |
| 9 | A Common Cortical Substrate Activated by Horizontal and Vertical Sound Movement in the Human Brain. <i>Current Biology</i> , 2002, 12, 1584-1590. | 3.9 | 125 |
| 10 | The Role of Hand Size in the Fake-Hand Illusion Paradigm. <i>Perception</i> , 2007, 36, 1547-1554. | 1.2 | 119 |
| 11 | Action-specific remapping of peripersonal space. <i>Neuropsychologia</i> , 2010, 48, 796-802. | 1.6 | 113 |
| 12 | Grasping actions remap peripersonal space. <i>NeuroReport</i> , 2009, 20, 913-917. | 1.2 | 94 |
| 13 | Acoustical Vision of Neglected Stimuli: Interaction among Spatially Converging Audiovisual Inputs in Neglect Patients. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 62-69. | 2.3 | 93 |
| 14 | Reappraising the apparent costs of attending to two separate visual objects. <i>Vision Research</i> , 2000, 40, 1323-1332. | 1.4 | 91 |
| 15 | Effect of prism adaptation on left dichotic listening deficit in neglect patients: glasses to hear better?. <i>Brain</i> , 2010, 133, 895-908. | 7.6 | 91 |
| 16 | Changes in Early Cortical Visual Processing Predict Enhanced Reactivity in Deaf Individuals. <i>PLoS ONE</i> , 2011, 6, e25607. | 2.5 | 81 |
| 17 | Binding personal and extrapersonal space through body shadows. <i>Nature Neuroscience</i> , 2004, 7, 14-16. | 14.8 | 79 |
| 18 | Losing One's Hand: Visual-Proprioceptive Conflict Affects Touch Perception. <i>PLoS ONE</i> , 2009, 4, e6920. | 2.5 | 79 |

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|----|---|-----|-----------|
| 19 | Enhanced reactivity to visual stimuli in deaf individuals. <i>Restorative Neurology and Neuroscience</i> , 2010, 28, 167-179. | 0.7 | 75 |
| 20 | Visual change detection recruits auditory cortices in early deafness. <i>NeuroImage</i> , 2014, 94, 172-184. | 4.2 | 72 |
| 21 | Selective deficit of auditory localisation in patients with visuospatial neglect. <i>Neuropsychologia</i> , 2002, 40, 291-301. | 1.6 | 70 |
| 22 | Changes in Sensory Dominance During Childhood: Converging Evidence From the Colavita Effect and the Sound-Induced Flash Illusion. <i>Child Development</i> , 2013, 84, 604-616. | 3.0 | 70 |
| 23 | Bilateral representations of touch in the primary somatosensory cortex. <i>Cognitive Neuropsychology</i> , 2016, 33, 48-66. | 1.1 | 68 |
| 24 | Functional selectivity for face processing in the temporal voice area of early deaf individuals. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6437-E6446. | 7.1 | 68 |
| 25 | Auditory Deficits in Visuospatial Neglect Patients. <i>Cortex</i> , 2004, 40, 347-365. | 2.4 | 66 |
| 26 | Change perception in complex auditory scenes. <i>Perception & Psychophysics</i> , 2008, 70, 619-629. | 2.3 | 65 |
| 27 | The Contribution of Primary and Secondary Somatosensory Cortices to the Representation of Body Parts and Body Sides: An fMRI Adaptation Study. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 2306-2320. | 2.3 | 62 |
| 28 | Neglect and extinction: within and between sensory modalities. <i>Restorative Neurology and Neuroscience</i> , 2006, 24, 217-32. | 0.7 | 58 |
| 29 | Spatial coding of touch at the fingers: Insights from double simultaneous stimulation within and between hands. <i>Neuroscience Letters</i> , 2011, 487, 78-82. | 2.1 | 55 |
| 30 | Auditory Peripersonal Space in Humans: a Case of Auditory-Tactile Extinction. <i>Neurocase</i> , 2001, 7, 97-103. | 0.6 | 52 |
| 31 | Auditory and multisensory aspects of visuospatial neglect. <i>Trends in Cognitive Sciences</i> , 2003, 7, 407-414. | 7.8 | 52 |
| 32 | Visual temporal order judgment in profoundly deaf individuals. <i>Experimental Brain Research</i> , 2008, 190, 179-188. | 1.5 | 50 |
| 33 | Ventriloquism in patients with unilateral visual neglect. <i>Neuropsychologia</i> , 2000, 38, 1634-1642. | 1.6 | 45 |
| 34 | Self-other bodily merging in the context of synchronous but arbitrary-related multisensory inputs. <i>Experimental Brain Research</i> , 2011, 213, 213-221. | 1.5 | 45 |
| 35 | Early integration of bilateral touch in the primary somatosensory cortex. <i>Human Brain Mapping</i> , 2015, 36, 1506-1523. | 3.6 | 45 |
| 36 | Small-sample characterization of stochastic approximation staircases in forced-choice adaptive threshold estimation. <i>Perception & Psychophysics</i> , 2007, 69, 254-262. | 2.3 | 41 |

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|----|---|-----|-----------|
| 37 | Evidence of sound symbolism in simple vocalizations. <i>Experimental Brain Research</i> , 2011, 214, 373-380. | 1.5 | 38 |
| 38 | Visual processing of moving and static self body-parts. <i>Neuropsychologia</i> , 2009, 47, 1988-1993. | 1.6 | 36 |
| 39 | Deficit of auditory space perception in patients with visuospatial neglect. <i>Neuropsychologia</i> , 2001, 39, 1401-1409. | 1.6 | 35 |
| 40 | Embodiment into a robot increases its acceptability. <i>Scientific Reports</i> , 2019, 9, 10083. | 3.3 | 34 |
| 41 | Unmasking the Difficulty of Listening to Talkers With Masks: lessons from the COVID-19 pandemic. <i>I-Perception</i> , 2021, 12, 204166952199839. | 1.4 | 34 |
| 42 | Response speed advantage for vision does not extend to touch in early deaf adults. <i>Experimental Brain Research</i> , 2014, 232, 1335-1341. | 1.5 | 29 |
| 43 | Action Planning Modulates Peripersonal Space. <i>Journal of Cognitive Neuroscience</i> , 2019, 31, 1141-1154. | 2.3 | 27 |
| 44 | Somatotopy and temporal dynamics of sensorimotor interactions: evidence from double afferent inhibition. <i>European Journal of Neuroscience</i> , 2015, 41, 1459-1465. | 2.6 | 26 |
| 45 | Long-lasting capture of tactile attention by body shadows. <i>Experimental Brain Research</i> , 2005, 166, 518-527. | 1.5 | 24 |
| 46 | Gaze Direction Modulates Auditory Spatial Deficits in Stroke Patients with Neglect. <i>Cortex</i> , 2005, 41, 181-188. | 2.4 | 24 |
| 47 | Spatial Cues Influence Time Estimations in Deaf Individuals. <i>IScience</i> , 2019, 19, 369-377. | 4.1 | 22 |
| 48 | Neuropsychological evidence of the functional integration of visual, auditory and proprioceptive spatial maps. <i>NeuroReport</i> , 1998, 9, 1195-1200. | 1.2 | 21 |
| 49 | Visual Abilities in Individuals with Profound Deafness. <i>Frontiers in Neuroscience</i> , 2011, , 423-448. | 0.0 | 21 |
| 50 | Prominent reflexive eye-movement orienting associated with deafness. <i>Cognitive Neuroscience</i> , 2012, 3, 8-13. | 1.4 | 20 |
| 51 | Top down influence on visuo-tactile interaction modulates neural oscillatory responses. <i>NeuroImage</i> , 2012, 59, 3406-3417. | 4.2 | 19 |
| 52 | Finding the balance between capture and control: Oculomotor selection in early deaf adults. <i>Brain and Cognition</i> , 2015, 96, 12-27. | 1.8 | 18 |
| 53 | The impact of a visual spatial frame on real sound-source localization in virtual reality. <i>Current Research in Behavioral Sciences</i> , 2020, 1, 100003. | 4.1 | 18 |
| 54 | Reaching to sounds in virtual reality: A multisensory-motor approach to promote adaptation to altered auditory cues. <i>Neuropsychologia</i> , 2020, 149, 107665. | 1.6 | 18 |

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|----|--|-----|-----------|
| 55 | Task-dependent visual coding of sound position in visuospatial neglect patients. <i>NeuroReport</i> , 2003, 14, 99-103. | 1.2 | 16 |
| 56 | Changing auditory time with prismatic goggles. <i>Cognition</i> , 2012, 125, 233-243. | 2.2 | 16 |
| 57 | Differential Effects of Cast Shadows on Perception and Action. <i>Perception</i> , 2004, 33, 1291-1304. | 1.2 | 15 |
| 58 | Self-attributed body-shadows modulate tactile attention. <i>Cognition</i> , 2007, 104, 73-88. | 2.2 | 15 |
| 59 | Change blindness in profoundly deaf individuals and cochlear implant recipients. <i>Brain Research</i> , 2008, 1242, 209-218. | 2.2 | 15 |
| 60 | Hearing again with two ears: Recovery of spatial hearing after bilateral cochlear implantation. <i>Neuropsychologia</i> , 2009, 47, 928-932. | 1.6 | 15 |
| 61 | Vision of the body and the differentiation of perceived body side in touch. <i>Cortex</i> , 2013, 49, 1340-1351. | 2.4 | 15 |
| 62 | Spatial and non-spatial multisensory cueing in unilateral cochlear implant users. <i>Hearing Research</i> , 2017, 344, 24-37. | 2.0 | 15 |
| 63 | Interactions between egocentric and allocentric spatial coding of sounds revealed by a multisensory learning paradigm. <i>Scientific Reports</i> , 2019, 9, 7892. | 3.3 | 15 |
| 64 | Eye-movements intervening between two successive sounds disrupt comparisons of auditory location. <i>Experimental Brain Research</i> , 2008, 189, 435-449. | 1.5 | 14 |
| 65 | Concurrent use of somatotopic and external reference frames in a tactile mislocalization task. <i>Brain and Cognition</i> , 2017, 111, 25-33. | 1.8 | 14 |
| 66 | Causal Dynamics of Scalp Electroencephalography Oscillation During the Rubber Hand Illusion. <i>Brain Topography</i> , 2017, 30, 122-135. | 1.8 | 14 |
| 67 | Stimulus- and goal-driven control of eye movements: Action videogame players are faster but not better. <i>Attention, Perception, and Psychophysics</i> , 2014, 76, 2398-2412. | 1.3 | 13 |
| 68 | With or Without Semantic Mediation: Retrieval of Lexical Representations in Sign Production. <i>Journal of Deaf Studies and Deaf Education</i> , 2015, 20, 163-171. | 1.2 | 13 |
| 69 | The role of eye movements in manual responses to social and nonsocial cues. <i>Attention, Perception, and Psychophysics</i> , 2019, 81, 1236-1252. | 1.3 | 13 |
| 70 | Spatial Hearing Difficulties in Reaching Space in Bilateral Cochlear Implant Children Improve With Head Movements. <i>Ear and Hearing</i> , 2022, 43, 192-205. | 2.1 | 13 |
| 71 | Spatial hearing with a single cochlear implant in late-implanted adults. <i>Hearing Research</i> , 2009, 255, 91-98. | 2.0 | 11 |
| 72 | Attentional orienting to social and nonsocial cues in early deaf adults.. <i>Journal of Experimental Psychology: Human Perception and Performance</i> , 2015, 41, 1758-1771. | 0.9 | 11 |

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|----|---|-----|-----------|
| 73 | Adapting to altered auditory cues: Generalization from manual reaching to head pointing. PLoS ONE, 2022, 17, e0263509. | 2.5 | 11 |
| 74 | Multisensory Interference in Early Deaf Adults. Journal of Deaf Studies and Deaf Education, 2017, 22, 422-433. | 1.2 | 10 |
| 75 | Assessing Spatial and Temporal Reliability of the Vive System as a Tool for Naturalistic Behavioural Research. , 2019, , . | | 10 |
| 76 | Updating spatial hearing abilities through multisensory and motor cues. Cognition, 2020, 204, 104409. | 2.2 | 10 |
| 77 | Visual Abilities in Individuals with Profound Deafness. Frontiers in Neuroscience, 2011, , 423-448. | 0.0 | 10 |
| 78 | Affective vocalizations influence body ownership as measured in the rubber hand illusion. PLoS ONE, 2017, 12, e0186009. | 2.5 | 9 |
| 79 | 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 |
| 80 | Increased overt attention to objects in early deaf adults: An eye-tracking study of complex naturalistic scenes. Cognition, 2020, 194, 104061. | 2.2 | 8 |
| 81 | Thinner than yourself: self-serving bias in body size estimation. Psychological Research, 2020, 84, 932-949. | 1.7 | 7 |
| 82 | Statistically robust evidence of stochastic resonance in human auditory perceptual system. European Physical Journal B, 2009, 69, 155-159. | 1.5 | 6 |
| 83 | The multisensory body revealed through its cast shadows. Frontiers in Psychology, 2015, 6, 666. | 2.1 | 6 |
| 84 | Incongruent multisensory stimuli alter bodily self-consciousness: Evidence from a first-person perspective experience. Acta Psychologica, 2018, 191, 261-270. | 1.5 | 6 |
| 85 | Environmental Learning of Social Cues: Evidence From Enhanced Gaze Cueing in Deaf Children. Child Development, 2019, 90, 1525-1534. | 3.0 | 6 |
| 86 | The oculomotor salience of flicker, apparent motion and continuous motion in saccade trajectories. Experimental Brain Research, 2017, 235, 181-191. | 1.5 | 5 |
| 87 | Oscillatory signatures of Repetition Suppression and Novelty Detection reveal altered induced visual responses in early deafness. Cortex, 2021, 142, 138-153. | 2.4 | 5 |
| 88 | Auditory Peripersonal Space in Humans: a Case of Auditory-Tactile Extinction. Neurocase, 2001, 7, 97-103. | 0.6 | 5 |
| 89 | From body shadows to bodily attention: Automatic orienting of tactile attention driven by cast shadows. Consciousness and Cognition, 2014, 29, 56-67. | 1.5 | 4 |
| 90 | Behavioral Dynamics of Rhythm and Meter Perception: The Effect of Musical Expertise in Deviance Detection. Timing and Time Perception, 2018, 6, 32-53. | 0.6 | 4 |

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|-----|---|-----|-----------|
| 91 | Certain, but incorrect: on the relation between subjective certainty and accuracy in sound localisation. <i>Experimental Brain Research</i> , 2020, 238, 727-739. | 1.5 | 4 |
| 92 | Probing language processing in cochlear implant users with visual word recognition: effects of lexical and orthographic word properties. <i>Language, Cognition and Neuroscience</i> , 2021, 36, 187-198. | 1.2 | 3 |
| 93 | Orienting Auditory Attention through Vision: the Impact of Monaural Listening. <i>Multisensory Research</i> , 2021, 35, 1-28. | 1.1 | 3 |
| 94 | Moving around Objects and Recognizing Them. <i>Perceptual and Motor Skills</i> , 1998, 86, 267-276. | 1.3 | 2 |
| 95 | Eye-movement patterns to social and non-social cues in early deaf adults. <i>Quarterly Journal of Experimental Psychology</i> , 2021, 74, 1021-1036. | 1.1 | 2 |
| 96 | Cortical dynamics during rubber hand illusion. <i>Multisensory Research</i> , 2013, 26, 151. | 1.1 | 1 |
| 97 | Can visual capture of sound separate auditory streams?. <i>Experimental Brain Research</i> , 2022, 240, 813. | 1.5 | 1 |
| 98 | Rethinking mind, brain and behaviour through a multisensory perspective. <i>Neuropsychologia</i> , 2007, 45, 467-468. | 1.6 | 0 |
| 99 | Multisensory integration in body perception is unaffected by concurrent interoceptive and exteroceptive tasks. <i>Seeing and Perceiving</i> , 2012, 25, 33. | 0.3 | 0 |
| 100 | Multisensory flexibility within a perceptual system reorganized by crossmodal plasticity. <i>Multisensory Research</i> , 2013, 26, 85. | 1.1 | 0 |
| 101 | The impact of saliency on overt visual selection in early-deaf adults. <i>Multisensory Research</i> , 2013, 26, 142. | 1.1 | 0 |
| 102 | Processing of /i/ and /u/ in Italian cochlear-implant children: a behavioral and neurophysiologic study. , 0, , . | | 0 |
| 103 | Eye Movement Patterns to Social and Non-social Cues in Early Deaf Adults. <i>Journal of Vision</i> , 2019, 19, 214. | 0.3 | 0 |
| 104 | Minor second intervals: A shared signature for infant cries and sadness in music. <i>I-Perception</i> , 2022, 13, 204166952210924. | 1.4 | 0 |
| 105 | Does age-related hearing loss deteriorate attentional resources?. <i>Aging, Neuropsychology, and Cognition</i> , 2023, 30, 601-619. | 1.3 | 0 |