# Francesco Tomaiuolo

List of Publications by Year
in descending order



| 57 | 4,399 | 186265 28 | 155660 55 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 57 | 57 | 57 | 5582 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Human Cingulate and Paracingulate Sulci: Pattern, Variability, Asymmetry, and Probabilistic Map. Cerebral Cortex, 1996, 6, 207-214. | 2.9 | 355 |
| 2 | Unified univariate and multivariate random field theory. NeuroImage, 2004, 23, S189-S195. | 4.2 | 346 |
| 3 | The cortical connectivity of the prefrontal cortex in the monkey brain. Cortex, 2012, 48, 58-81. | 2.4 | 305 |
| 4 | White matter (dis)connections and gray matter (dys)functions in visual neglect: Gaining insights into the brain networks of spatial awareness. Cortex, 2008, 44, 983-995. | 2.4 | 303 |
| 5 | Damage to White Matter Pathways in Subacute and Chronic Spatial Neglect: A Group Study and 2 Single-Case Studies with Complete Virtual "In Vivo" Tractography Dissection. Cerebral Cortex, 2014, 24, 691-706. | 2.9 | 300 |
| 6 | The prefrontal cortex: Comparative architectonic organization in the human and the macaque monkey brains. Cortex, 2012, 48, 46-57. | 2.4 | 286 |
| 7 | Transcranial Direct Current Stimulation Improves Word Retrieval in Healthy and Nonfluent Aphasic Subjects. Journal of Cognitive Neuroscience, 2011, 23, 2309-2323. | 2.3 | 247 |
| 8 | The anatomy of neglect without hemianopia: a key role for parietalâ€“frontal disconnection?. NeuroReport, 2003, 14, 2239-2243. | 1.2 | 242 |
| 9 | In vivo morphometry of the intrasulcal gray matter in the human cingulate, paracingulate, and superior-rostral sulci: Hemispheric asymmetries, gender differences and probability maps. , 1996, 376, 664-673. | | 211 |
| 10 | Dissociation between physical and mental number line bisection in right hemisphere brain damage. Nature Neuroscience, 2005, 8, 1663-1665. | 14.8 | 187 |
| 11 | The dissociation of color from form and function knowledge. Nature Neuroscience, 2001, 4, 662-667. | 14.8 | 172 |
| 12 | Computer-Assisted Cognitive Rehabilitation of Attention Deficits for Multiple Sclerosis. Neurorehabilitation and Neural Repair, 2013, 27, 284-295. | 2.9 | 131 |
| 13 | Remembering What But Not Where: Independence of Spatial and Visual Working Memory in the Human Brain. Cortex, 2001, 37, 519-534. | 2.4 | 119 |
| 14 | SELECTIVE DEFICIT FOR PEOPLEâ€™S NAMES FOLLOWING LEFT TEMPORAL DAMAGE: AN IMPAIRMENT OF DOMAIN-SPECIFIC CONCEPTUAL KNOWLEDGE. Cognitive Neuropsychology, 2000, 17, 489-516. | 1.1 | 103 |
| 15 | Improving language without words: First evidence from aphasia. Neuropsychologia, 2010, 48, 3824-3833. | 1.6 | 81 |
| 16 | The Neural Correlates of Grammatical Gender: An fMRI Investigation. Journal of Cognitive Neuroscience, 2002, 14, 618-628. | 2.3 | 77 |
| 17 | Selective deficit of mental visual imagery with intact primary visual cortex and visual perception. Cortex, 2008, 44, 109-118. | 2.4 | 77 |
| 18 | Predict recovery of consciousness in post-acute severe brain injury: The role of EEG reactivity. Brain Injury, 2011, 25, 972-979. | 1.2 | 73 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | No inherent left and right side in human â€˜mental number lineâ€™: evidence from right brain damage. Brain, 2012, 135, 2492-2505. | 7.6 | 68 |
| 20 | Chronic schizophrenia as a brain misconnection syndrome: a white matter voxel-based morphometry study. Schizophrenia Research, 2003, 64, 15-23. | 2.0 | 65 |
| 21 | Changes in White Matter in Long-Term Survivors of Severe Non-Missile Traumatic Brain Injury: A Computational Analysis of Magnetic Resonance Images. Journal of Neurotrauma, 2005, 22, 76-82. | 3.4 | 50 |
| 22 | Callosal morphology in Williams syndrome: a new evaluation of shape and thickness. NeuroReport, 2007, 18, 203-207. | 1.2 | 49 |
| 23 | Selective visual neglect in right brain damaged patients with splenial interhemispheric disconnection. Experimental Brain Research, 2010, 206, 209-217. | 1.5 | 44 |
| 24 | Spatial Orienting Biases in the Decimal Numeral System. Current Biology, 2009, 19, 682-687. | 3.9 | 43 |
| 25 | Depression and school functioning in non-referred adolescents: a pilot study. Child Psychiatry and Human Development, 2000, 30, 161-171. | 1.9 | 40 |
| 26 | Neuropsychological Testing in Interventional Cardiology Staff after Long-Term Exposure to Ionizing Radiation. Journal of the International Neuropsychological Society, 2015, 21, 670-676. | 1.8 | 39 |
| 27 | Morphometric Changes of the Corpus Callosum in Congenital Blindness. PLoS ONE, 2014, 9, e107871. | 2.5 | 37 |
| 28 | Memory and anatomical change in severe non missile traumatic brain injury: â^¼1 vs. â^¼8years follow-up. Brain Research Bulletin, 2012, 87, 373-382. | 3.0 | 34 |
| 29 | Cingulate neglect in humans: Disruption of contralesional reward learning in right brain damage. Cortex, 2015, 62, 73-88. | 2.4 | 30 |
| 30 | The Hemispheric Distribution of Î±-Band EEG Activity During Orienting of Attention in Patients with Reduced Awareness of the Left Side of Space (Spatial Neglect). Journal of Neuroscience, 2019, 39, 4332-4343. | 3.6 | 28 |
| 31 | EEG Correlates of Preparatory Orienting, Contextual Updating, and Inhibition of Sensory Processing in Left Spatial Neglect. Journal of Neuroscience, 2018, 38, 3792-3808. | 3.6 | 26 |
| 32 | Selective deficit of spatial short-term memory: Role of storage and rehearsal mechanisms. Cortex, 2014, 59, 22-32. | 2.4 | 24 |
| 33 | Progression from Vegetative to Minimally Conscious State Is Associated with Changes in Brain Neural Response to Passive Tasks: A Longitudinal Single-Case Functional MRI Study. Journal of the International Neuropsychological Society, 2016, 22, 620-630. | 1.8 | 21 |
| 34 | Depressive Symptoms and Academic Self-Image in Adolescence. Psychopathology, 2001, 34, 57-61. | 1.5 | 18 |
| 35 | The influence of short-term memory on standard discrimination and cued identification olfactory tasks. Journal of Neuroscience Methods, 2014, 222, 138-141. | 2.5 | 18 |
| 36 | A case of post-traumatic minimally conscious state reversed by midazolam: Clinical aspects and neurophysiological correlates. Restorative Neurology and Neuroscience, 2014, 32, 767-787. | 0.7 | 17 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Deep Brain Stimulation of the Anterior Limb of the Internal Capsule May Be Efficacious for Explosive Aggressive Behaviour. Stereotactic and Functional Neurosurgery, 2016, 94, 371-378. | 1.5 | 13 |
| 38 | Deficits of hierarchical predictive coding in left spatial neglect. Brain Communications, 2021, 3, fcab111. | 3.3 | 13 |
| 39 | Increased cerebellar gray matter volume in head chefs. PLoS ONE, 2017, 12, e0171457. | 2.5 | 12 |
| 40 | Interhemispheric coupling improves the brainâ€™s ability to perform low cognitive demand tasks in Alzheimerâ€™s disease and high cognitive demand tasks in normal aging.. Neuropsychology, 2013, 27, 464-480. | 1.3 | 10 |
| 41 | Number space is made by response space: Evidence from left spatial neglect. Neuropsychologia, 2021, 154, 107773. | 1.6 | 10 |
| 42 | A quantitative analysis of the retinofugal projections in congenital and late-onset blindness. NeuroImage: Clinical, 2021, 32, 102809. | 2.7 | 10 |
| 43 | Cerebal sulci and gyri are intrinsic landmarks for brain navigation in individual subjects: an instrument to assist neurosurgeons in preserving cognitive function in brain tumour surgery (Commentary on Zlatkina etÂal.). European Journal of Neuroscience, 2016, 43, 1266-1267. | 2.6 | 9 |
| 44 | Pupil dilation during orienting of attention and conscious detection of visual targets in patients with left spatial neglect. Cortex, 2021, 134, 265-277. | 2.4 | 9 |
| 45 | The Neuroanatomy of Verbal Working Memory in Schizophrenia: A Voxel-Based Morphometry Study. Clinical Schizophrenia and Related Psychoses, 2008, 2, 79-87. | 1.4 | 9 |
| 46 | Spatial Stimulus-Response Compatibility and Coding of Tactile Motor Events: Influence of Distance between Stimulated and Responding Body Parts, Spatial Complexity of the Task and Sex of Subject. Perceptual and Motor Skills, 2000, 91, 3-14. | 1.3 | 6 |
| 47 | Brain Neurodegeneration in the Chronic Stage of the Survivors from Severe Non-Missile Traumatic Brain Injury: A Voxel-Based Morphometry Within-Group at One versus Nine Years from a Head Injury. Journal of Neurotrauma, 2021, 38, 283-290. | 3.4 | 6 |
| 48 | Which is the goal of cognitive rehabilitation in multiple sclerosis: the improvement of cognitive performance or the perception of cognitive deficits?. Multiple Sclerosis Journal, 2014, 20, 124-125. | 3.0 | 5 |
| 49 | The Precentral Insular Cortical Network for Speech Articulation. Cerebral Cortex, 2021, 31, 3723-3731. | 2.9 | 5 |
| 50 | Visuospatial imagery in healthy individuals with different hypnotizability levels. Neuroscience Letters, 2019, 690, 158-161. | 2.1 | 4 |
| 51 | Language Disorder in a Child with Early Left Thalamic Lesion. Neurocase, 2004, 10, 308-315. | 0.6 | 3 |
| 52 | The influence of visual and phonological features on the hemispheric processing of hierarchical Navon letters. Neuropsychologia, 2018, 109, 75-85. | 1.6 | 3 |
| 53 | Sulci and gyri are topological cerebral landmarks in individual subjects: a study of brain navigation during tumour resection. European Journal of Neuroscience, 2022, 55, 2037-2046. | 2.6 | 2 |
| 54 | Splenial Callosal Disconnection in Right Hemianopic Patients Induces Right Visual-Spatial Neglect. Brain Sciences, 2022, 12, 640. | 2.3 | 2 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Functional Anatomy of Motor Recovery After Early Brain Damage. Neurocase, 2004, 10, 265-269. | 0.6 | 1 |
| 56 | Concomitant recovery from left spatial neglect and inflammatory dysfunction of white-matter pathways in a case of acute disseminated encephalo-myelitis (ADEM). Cortex, 2019, 119, 231-236. | 2.4 | 1 |
| 57 | Provocation and prediction of visual peripersonal neglect-like symptoms in preoperative planning and during awake brain surgery. Acta Neurochirurgica, 2021, 163, 1941-1947. | 1.7 | 0 |