

# Francesco Tomaiuolo

## List of Publications by Year in descending order

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Version: 2024-02-01

57  
papers

4,399  
citations

186265  
28  
h-index

155660  
55  
g-index

57  
all docs

57  
docs citations

57  
times ranked

5582  
citing authors

#	ARTICLE	IF	CITATIONS
1	Sulci and gyri are topological cerebral landmarks in individual subjects: a study of brain navigation during tumour resection. <i>European Journal of Neuroscience</i> , 2022, 55, 2037-2046.	2.6	2
2	Splenial Callosal Disconnection in Right Hemianopic Patients Induces Right Visual-Spatial Neglect. <i>Brain Sciences</i> , 2022, 12, 640.	2.3	2
3	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. <i>Journal of Neurotrauma</i> , 2021, 38, 283-290.	3.4	6
4	Pupil dilation during orienting of attention and conscious detection of visual targets in patients with left spatial neglect. <i>Cortex</i> , 2021, 134, 265-277.	2.4	9
5	Deficits of hierarchical predictive coding in left spatial neglect. <i>Brain Communications</i> , 2021, 3, fcab111.	3.3	13
6	Number space is made by response space: Evidence from left spatial neglect. <i>Neuropsychologia</i> , 2021, 154, 107773.	1.6	10
7	The Precentral Insular Cortical Network for Speech Articulation. <i>Cerebral Cortex</i> , 2021, 31, 3723-3731.	2.9	5
8	Provocation and prediction of visual peripersonal neglect-like symptoms in preoperative planning and during awake brain surgery. <i>Acta Neurochirurgica</i> , 2021, 163, 1941-1947.	1.7	0
9	A quantitative analysis of the retinofugal projections in congenital and late-onset blindness. <i>NeuroImage: Clinical</i> , 2021, 32, 102809.	2.7	10
10	Concomitant recovery from left spatial neglect and inflammatory dysfunction of white-matter pathways in a case of acute disseminated encephalo-myelitis (ADEM). <i>Cortex</i> , 2019, 119, 231-236.	2.4	1
11	The Hemispheric Distribution of $\hat{\pm}$ -Band EEG Activity During Orienting of Attention in Patients with Reduced Awareness of the Left Side of Space (Spatial Neglect). <i>Journal of Neuroscience</i> , 2019, 39, 4332-4343.	3.6	28
12	Visuospatial imagery in healthy individuals with different hypnotizability levels. <i>Neuroscience Letters</i> , 2019, 690, 158-161.	2.1	4
13	EEG Correlates of Preparatory Orienting, Contextual Updating, and Inhibition of Sensory Processing in Left Spatial Neglect. <i>Journal of Neuroscience</i> , 2018, 38, 3792-3808.	3.6	26
14	The influence of visual and phonological features on the hemispheric processing of hierarchical Navon letters. <i>Neuropsychologia</i> , 2018, 109, 75-85.	1.6	3
15	Increased cerebellar gray matter volume in head chefs. <i>PLoS ONE</i> , 2017, 12, e0171457.	2.5	12
16	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. <i>Journal of the International Neuropsychological Society</i> , 2016, 22, 620-630.	1.8	21
17	Cerebral 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 <i>et al</i> ). <i>European Journal of Neuroscience</i> , 2016, 43, 1266-1267.	2.6	9
18	Deep Brain Stimulation of the Anterior Limb of the Internal Capsule May Be Efficacious for Explosive Aggressive Behaviour. <i>Stereotactic and Functional Neurosurgery</i> , 2016, 94, 371-378.	1.5	13

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19	Neuropsychological Testing in Interventional Cardiology Staff after Long-Term Exposure to Ionizing Radiation. <i>Journal of the International Neuropsychological Society</i> , 2015, 21, 670-676.	1.8	39
20	Cingulate neglect in humans: Disruption of contralesional reward learning in right brain damage. <i>Cortex</i> , 2015, 62, 73-88.	2.4	30
21	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. <i>Cerebral Cortex</i> , 2014, 24, 691-706.	2.9	300
22	The influence of short-term memory on standard discrimination and cued identification olfactory tasks. <i>Journal of Neuroscience Methods</i> , 2014, 222, 138-141.	2.5	18
23	Which is the goal of cognitive rehabilitation in multiple sclerosis: the improvement of cognitive performance or the perception of cognitive deficits?. <i>Multiple Sclerosis Journal</i> , 2014, 20, 124-125.	3.0	5
24	A case of post-traumatic minimally conscious state reversed by midazolam: Clinical aspects and neurophysiological correlates. <i>Restorative Neurology and Neuroscience</i> , 2014, 32, 767-787.	0.7	17
25	Selective deficit of spatial short-term memory: Role of storage and rehearsal mechanisms. <i>Cortex</i> , 2014, 59, 22-32.	2.4	24
26	Morphometric Changes of the Corpus Callosum in Congenital Blindness. <i>PLoS ONE</i> , 2014, 9, e107871.	2.5	37
27	Computer-Assisted Cognitive Rehabilitation of Attention Deficits for Multiple Sclerosis. <i>Neurorehabilitation and Neural Repair</i> , 2013, 27, 284-295.	2.9	131
28	Interhemispheric coupling improves the brain's ability to perform low cognitive demand tasks in Alzheimer's disease and high cognitive demand tasks in normal aging.. <i>Neuropsychology</i> , 2013, 27, 464-480.	1.3	10
29	No inherent left and right side in human mental number line: evidence from right brain damage. <i>Brain</i> , 2012, 135, 2492-2505.	7.6	68
30	Memory and anatomical change in severe non missile traumatic brain injury: 1/41 vs. 1/48years follow-up. <i>Brain Research Bulletin</i> , 2012, 87, 373-382.	3.0	34
31	The cortical connectivity of the prefrontal cortex in the monkey brain. <i>Cortex</i> , 2012, 48, 58-81.	2.4	305
32	The prefrontal cortex: Comparative architectonic organization in the human and the macaque monkey brains. <i>Cortex</i> , 2012, 48, 46-57.	2.4	286
33	Transcranial Direct Current Stimulation Improves Word Retrieval in Healthy and Nonfluent Aphasic Subjects. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2309-2323.	2.3	247
34	Predict recovery of consciousness in post-acute severe brain injury: The role of EEG reactivity. <i>Brain Injury</i> , 2011, 25, 972-979.	1.2	73
35	Selective visual neglect in right brain damaged patients with splenial interhemispheric disconnection. <i>Experimental Brain Research</i> , 2010, 206, 209-217.	1.5	44
36	Improving language without words: First evidence from aphasia. <i>Neuropsychologia</i> , 2010, 48, 3824-3833.	1.6	81

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37	Spatial Orienting Biases in the Decimal Numeral System. <i>Current Biology</i> , 2009, 19, 682-687.	3.9	43
38	Selective deficit of mental visual imagery with intact primary visual cortex and visual perception. <i>Cortex</i> , 2008, 44, 109-118.	2.4	77
39	White matter (dis)connections and gray matter (dys)functions in visual neglect: Gaining insights into the brain networks of spatial awareness. <i>Cortex</i> , 2008, 44, 983-995.	2.4	303
40	The Neuroanatomy of Verbal Working Memory in Schizophrenia: A Voxel-Based Morphometry Study. <i>Clinical Schizophrenia and Related Psychoses</i> , 2008, 2, 79-87.	1.4	9
41	Callosal morphology in Williams syndrome: a new evaluation of shape and thickness. <i>NeuroReport</i> , 2007, 18, 203-207.	1.2	49
42	Dissociation between physical and mental number line bisection in right hemisphere brain damage. <i>Nature Neuroscience</i> , 2005, 8, 1663-1665.	14.8	187
43	Changes in White Matter in Long-Term Survivors of Severe Non-Missile Traumatic Brain Injury: A Computational Analysis of Magnetic Resonance Images. <i>Journal of Neurotrauma</i> , 2005, 22, 76-82.	3.4	50
44	Functional Anatomy of Motor Recovery After Early Brain Damage. <i>Neurocase</i> , 2004, 10, 265-269.	0.6	1
45	Language Disorder in a Child with Early Left Thalamic Lesion. <i>Neurocase</i> , 2004, 10, 308-315.	0.6	3
46	Unified univariate and multivariate random field theory. <i>NeuroImage</i> , 2004, 23, S189-S195.	4.2	346
47	Chronic schizophrenia as a brain misconnection syndrome: a white matter voxel-based morphometry study. <i>Schizophrenia Research</i> , 2003, 64, 15-23.	2.0	65
48	The anatomy of neglect without hemianopia: a key role for parietalâ€“frontal disconnection?. <i>NeuroReport</i> , 2003, 14, 2239-2243.	1.2	242
49	The Neural Correlates of Grammatical Gender: An fMRI Investigation. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 618-628.	2.3	77
50	Remembering What But Not Where: Independence of Spatial and Visual Working Memory in the Human Brain. <i>Cortex</i> , 2001, 37, 519-534.	2.4	119
51	Depressive Symptoms and Academic Self-Image in Adolescence. <i>Psychopathology</i> , 2001, 34, 57-61.	1.5	18
52	The dissociation of color from form and function knowledge. <i>Nature Neuroscience</i> , 2001, 4, 662-667.	14.8	172
53	Depression and school functioning in non-referred adolescents: a pilot study. <i>Child Psychiatry and Human Development</i> , 2000, 30, 161-171.	1.9	40
54	SELECTIVE DEFICIT FOR PEOPLEâ€™S NAMES FOLLOWING LEFT TEMPORAL DAMAGE: AN IMPAIRMENT OF DOMAIN-SPECIFIC CONCEPTUAL KNOWLEDGE. <i>Cognitive Neuropsychology</i> , 2000, 17, 489-516.	1.1	103

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55	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. <i>Perceptual and Motor Skills</i> , 2000, 91, 3-14.	1.3	6
56	Human Cingulate and Paracingulate Sulci: Pattern, Variability, Asymmetry, and Probabilistic Map. <i>Cerebral Cortex</i> , 1996, 6, 207-214.	2.9	355
57	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