

Antonio Ferretti

List of Publications by Year in descending order

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Version: 2024-02-01

61
papers

3,189
citations

147801

31
h-index

161849

54
g-index

64
all docs

64
docs citations

64
times ranked

4981
citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamics of male sexual arousal: distinct components of brain activation revealed by fMRI. <i>NeuroImage</i> , 2005, 26, 1086-1096.	4.2	287
2	Neural correlates of focused attention and cognitive monitoring in meditation. <i>Brain Research Bulletin</i> , 2010, 82, 46-56.	3.0	214
3	The <i>Sense</i> of Touch: Embodied Simulation in a Visuotactile Mirroring Mechanism for Observed Animate or Inanimate Touch. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1611-1623.	2.3	206
4	Neural Systems Underlying Observation of Humanly Impossible Movements: An fMRI Study. <i>Cerebral Cortex</i> , 2005, 15, 1761-1767.	2.9	165
5	Somato-motor inhibitory processing in humans: An event-related functional MRI study. <i>NeuroImage</i> , 2008, 39, 1858-1866.	4.2	121
6	Human secondary somatosensory cortex is involved in the processing of somatosensory rare stimuli: An fMRI study. <i>NeuroImage</i> , 2008, 40, 1765-1771.	4.2	100
7	Multisite longitudinal reliability of tract-based spatial statistics in diffusion tensor imaging of healthy elderly subjects. <i>NeuroImage</i> , 2014, 101, 390-403.	4.2	99
8	Chapter 5 Fundamentals of Electroencefalography, Magnetoencefalography, and Functional Magnetic Resonance Imaging. <i>International Review of Neurobiology</i> , 2009, 86, 67-80.	2.0	97
9	Longitudinal reproducibility of default-mode network connectivity in healthy elderly participants: A multicentric resting-state fMRI study. <i>NeuroImage</i> , 2016, 124, 442-454.	4.2	85
10	Functional topography of the secondary somatosensory cortex for nonpainful and painful stimuli: an fMRI study. <i>NeuroImage</i> , 2003, 20, 1625-1638.	4.2	82
11	Free water elimination improves testâ€retest reproducibility of diffusion tensor imaging indices in the brain: A longitudinal multisite study of healthy elderly subjects. <i>Human Brain Mapping</i> , 2017, 38, 12-26.	3.6	72
12	Differential patterns of cortical activation as a function of fluid reasoning complexity. <i>Human Brain Mapping</i> , 2009, 30, 497-510.	3.6	71
13	Combination Training in Aging Individuals Modifies Functional Connectivity and Cognition, and Is Potentially Affected by Dopamine-Related Genes. <i>PLoS ONE</i> , 2012, 7, e43901.	2.5	64
14	Functional topography of the secondary somatosensory cortex for nonpainful and painful stimulation of median and tibial nerve: an fMRI study. <i>NeuroImage</i> , 2004, 23, 1217-1225.	4.2	63
15	Topographic organization of the human primary and secondary somatosensory areas. <i>NeuroReport</i> , 2000, 11, 2035-2043.	1.2	62
16	Impaired sustained attention in euthymic bipolar disorder patients and nonâ€affected relatives: an fMRI study. <i>Bipolar Disorders</i> , 2012, 14, 764-779.	1.9	58
17	Effect of manual approaches with osteopathic modality on brain correlates of interoception: an fMRI study. <i>Scientific Reports</i> , 2020, 10, 3214.	3.3	55
18	Acute Effects of Modafinil on Brain Resting State Networks in Young Healthy Subjects. <i>PLoS ONE</i> , 2013, 8, e69224.	2.5	53

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19	Effects of Second Language Learning on the Plastic Aging Brain: Functional Connectivity, Cognitive Decline, and Reorganization. <i>Frontiers in Neuroscience</i> , 2019, 13, 423.	2.8	53
20	MRI-based clinical-radiomics model predicts tumor response before treatment in locally advanced rectal cancer. <i>Scientific Reports</i> , 2021, 11, 5379.	3.3	53
21	Intertrial Variability in the Premotor Cortex Accounts for Individual Differences in Peripersonal Space. <i>Journal of Neuroscience</i> , 2015, 35, 16328-16339.	3.6	52
22	Cortical brain responses during passive nonpainful median nerve stimulation at low frequencies (0.5–4 Hz): An fMRI study. <i>Human Brain Mapping</i> , 2007, 28, 645-653.	3.6	49
23	A Neural “Tuning Curve” for Multisensory Experience and Cognitive-Perceptual Schizotypy. <i>Schizophrenia Bulletin</i> , 2017, 43, 801-813.	4.3	48
24	Noxious Somatosensory Stimulation Affects the Default Mode of Brain Function: Evidence from Functional MR Imaging. <i>Radiology</i> , 2009, 253, 797-804.	7.3	46
25	Brain Networks during Free Viewing of Complex Erotic Movie: New Insights on Psychogenic Erectile Dysfunction. <i>PLoS ONE</i> , 2014, 9, e105336.	2.5	46
26	How spontaneous brain activity and narcissistic features shape social interaction. <i>Scientific Reports</i> , 2017, 7, 9986.	3.3	44
27	Functional and neurochemical interactions within the amygdala–medial prefrontal cortex circuit and their relevance to emotional processing. <i>Brain Structure and Function</i> , 2017, 222, 1267-1279.	2.3	43
28	Neural correlates of negative emotion processing in bipolar disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2015, 60, 1-10.	4.8	42
29	Effect of Continuous Touch on Brain Functional Connectivity Is Modified by the Operator’s Tactile Attention. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 368.	2.0	39
30	Macrostructural Alterations of Subcortical Grey Matter in Psychogenic Erectile Dysfunction. <i>PLoS ONE</i> , 2012, 7, e39118.	2.5	38
31	Test-retest reliability of the default mode network in a multi-centric fMRI study of healthy elderly: Effects of data-driven physiological noise correction techniques. <i>Human Brain Mapping</i> , 2016, 37, 2114-2132.	3.6	38
32	Amygdalar nuclei and hippocampal subfields on MRI: Test-retest reliability of automated volumetry across different MRI sites and vendors. <i>NeuroImage</i> , 2020, 218, 116932.	4.2	38
33	Longitudinal reproducibility of automatically segmented hippocampal subfields: A multisite European 3T study on healthy elderly. <i>Human Brain Mapping</i> , 2015, 36, 3516-3527.	3.6	34
34	Postural adjustment in experimental leg length difference evaluated by means of thermal infrared imaging. <i>Physiological Measurement</i> , 2010, 31, 35-43.	2.1	33
35	GABA content within the ventromedial prefrontal cortex is related to trait anxiety. <i>Social Cognitive and Affective Neuroscience</i> , 2016, 11, 758-766.	3.0	33
36	Step-by-Step: The effects of physical practice on the neural correlates of locomotion imagery revealed by fMRI. <i>Human Brain Mapping</i> , 2010, 31, 694-702.	3.6	32

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37	Brain structures activated by overt and covert emotional visual stimuli. <i>Brain Research Bulletin</i> , 2009, 79, 258-264.	3.0	32
38	Executive functions with different motor outputs in somatosensory Go/Nogo tasks: An event-related functional MRI study. <i>Brain Research Bulletin</i> , 2008, 77, 197-205.	3.0	30
39	Effects of somatosensory stimulation and attention on human somatosensory cortex: An fMRI study. <i>NeuroImage</i> , 2010, 53, 181-188.	4.2	30
40	GABA content within medial prefrontal cortex predicts the variability of fronto-limbic effective connectivity. <i>Brain Structure and Function</i> , 2017, 222, 3217-3229.	2.3	29
41	Human cortical responses during one-bit delayed-response tasks: An fMRI study. <i>Brain Research Bulletin</i> , 2005, 65, 383-390.	3.0	28
42	Human Neural Systems for Conceptual Knowledge of Proper Object Use: A Functional Magnetic Resonance Imaging Study. <i>Cerebral Cortex</i> , 2007, 17, 2744-2751.	2.9	28
43	The Role of Left Superior Parietal Lobe in Male Sexual Behavior: Dynamics of Distinct Components Revealed by fMRI. <i>Journal of Sexual Medicine</i> , 2012, 9, 1602-1612.	0.6	28
44	Altered brain response without behavioral attention deficits in healthy siblings of schizophrenic patients. <i>NeuroImage</i> , 2010, 49, 1080-1090.	4.2	27
45	Osteopathy modulates brain-heart interaction in chronic pain patients: an ASL study. <i>Scientific Reports</i> , 2021, 11, 4556.	3.3	27
46	Working memory of somatosensory stimuli: An fMRI study. <i>International Journal of Psychophysiology</i> , 2012, 86, 220-228.	1.0	24
47	Accuracy and reproducibility of automated white matter hyperintensities segmentation with lesion segmentation tool: A European multi-site 3T study. <i>Magnetic Resonance Imaging</i> , 2021, 76, 108-115.	1.8	24
48	Intermodal sensory image generation: An fMRI analysis. <i>European Journal of Cognitive Psychology</i> , 2004, 16, 729-752.	1.3	19
49	fMRI-vs-MEG evaluation of post-stroke interhemispheric asymmetries in primary sensorimotor hand areas. <i>Experimental Neurology</i> , 2007, 204, 631-639.	4.1	18
50	Passive tactile recognition of geometrical shape in humans: An fMRI study. <i>Brain Research Bulletin</i> , 2010, 83, 223-231.	3.0	15
51	Resting State BOLD Functional Connectivity at 3T: Spin Echo versus Gradient Echo EPI. <i>PLoS ONE</i> , 2015, 10, e0120398.	2.5	15
52	High γ -Aminobutyric Acid Content Within the Medial Prefrontal Cortex Is a Functional Signature of Somatic Symptoms Disorder in Patients With Parkinson's Disease. <i>Movement Disorders</i> , 2020, 35, 2184-2192.	3.9	15
53	Bipolar disorder with and without a history of psychotic features: fMRI correlates of sustained attention. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 98, 109817.	4.8	14
54	Negative BOLD effect on somato-motor inhibitory processing: An fMRI study. <i>Neuroscience Letters</i> , 2009, 462, 101-104.	2.1	13

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55	Human brain activation elicited by the localization of sounds delivered at attended or unattended positions: an fMRI/MEG study. Cognitive Processing, 2006, 7, 116-117.	1.4	12
56	GABA levels in the ventromedial prefrontal cortex during the viewing of appetitive and disgusting food images. Neuroscience, 2016, 333, 114-122.	2.3	12
57	Sensitivity of BOLD response to increasing visual contrast: Spin echo versus gradient echo EPI. NeuroImage, 2013, 82, 35-43.	4.2	11
58	Neural Correlates of Mindfulness and Concentration in Buddhist Monks: A fMRI study. , 2007, , .		9
59	Response inhibition failure to visual stimuli paired with a "single-type" stressor in PTSD patients: An fMRI pilot study. Brain Research Bulletin, 2015, 114, 20-30.	3.0	9
60	An fMRI study of the binding of audio-visual information: the dissociation between object and space processing. Cognitive Processing, 2006, 7, 138-139.	1.4	1
61	ASL 3.0 T Perfusion Studies. , 2017, , 133-144.		0