

# Laure Zago

## List of Publications by Year in descending order

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Version: 2024-02-01

55  
papers

5,499  
citations

117453

34  
h-index

168136

53  
g-index

60  
all docs

60  
docs citations

60  
times ranked

6710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cortical networks for working memory and executive functions sustain the conscious resting state in man. <i>Brain Research Bulletin</i> , 2001, 54, 287-298.	1.4	837
2	What is right-hemisphere contribution to phonological, lexico-semantic, and sentence processing?. <i>NeuroImage</i> , 2011, 54, 577-593.	2.1	383
3	Neural Correlates of Simple and Complex Mental Calculation. <i>NeuroImage</i> , 2001, 13, 314-327.	2.1	370
4	Shifting from the Perceptual Brain to the Logical Brain: The Neural Impact of Cognitive Inhibition Training. <i>Journal of Cognitive Neuroscience</i> , 2000, 12, 721-728.	1.1	350
5	Brain activity at rest: a multiscale hierarchical functional organization. <i>Journal of Neurophysiology</i> , 2011, 105, 2753-2763.	0.9	287
6	Gaussian Mixture Modeling of Hemispheric Lateralization for Language in a Large Sample of Healthy Individuals Balanced for Handedness. <i>PLoS ONE</i> , 2014, 9, e101165.	1.1	246
7	AICHA: An atlas of intrinsic connectivity of homotopic areas. <i>Journal of Neuroscience Methods</i> , 2015, 254, 46-59.	1.3	232
8	A Common Language Network for Comprehension and Production: A Contribution to the Definition of Language Epicenters with PET. <i>NeuroImage</i> , 2000, 11, 347-357.	2.1	207
9	Revisiting human hemispheric specialization with neuroimaging. <i>Trends in Cognitive Sciences</i> , 2013, 17, 69-80.	4.0	200
10	Neural Correlates of Topographic Mental Exploration: The Impact of Route versus Survey Perspective Learning. <i>NeuroImage</i> , 2000, 12, 588-600.	2.1	198
11	Mental calculation in a prodigy is sustained by right prefrontal and medial temporal areas. <i>Nature Neuroscience</i> , 2001, 4, 103-107.	7.1	166
12	The resting state questionnaire: An introspective questionnaire for evaluation of inner experience during the conscious resting state. <i>Brain Research Bulletin</i> , 2010, 81, 565-573.	1.4	146
13	Access to Deductive Logic Depends on a Right Ventromedial Prefrontal Area Devoted to Emotion and Feeling: Evidence from a Training Paradigm. <i>NeuroImage</i> , 2001, 14, 1486-1492.	2.1	125
14	Cortical Terminations of the Inferior Fronto-Occipital and Uncinate Fasciculi: Anatomical Stem-Based Virtual Dissection. <i>Frontiers in Neuroanatomy</i> , 2016, 10, 58.	0.9	114
15	How verbal and spatial manipulation networks contribute to calculation: An fMRI study. <i>Neuropsychologia</i> , 2008, 46, 2403-2414.	0.7	108
16	Patterns of hemodynamic low-frequency oscillations in the brain are modulated by the nature of free thought during rest. <i>NeuroImage</i> , 2012, 59, 3194-3200.	2.1	96
17	Distinguishing visuospatial working memory and complex mental calculation areas within the parietal lobes. <i>Neuroscience Letters</i> , 2002, 331, 45-49.	1.0	92
18	Adult brains don't fully overcome biases that lead to incorrect performance during cognitive development: an fMRI study in young adults completing a Piaget's task. <i>Developmental Science</i> , 2009, 12, 326-338.	1.3	91

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19	Revisiting the human uncinate fasciculus, its subcomponents and asymmetries with stem-based tractography and microdissection validation. <i>Brain Structure and Function</i> , 2017, 222, 1645-1662.	1.2	91
20	Descriptive anatomy of Heschl's gyri in 430 healthy volunteers, including 198 left-handers. <i>Brain Structure and Function</i> , 2015, 220, 729-743.	1.2	89
21	Cerebral small vessel disease genomics and its implications across the lifespan. <i>Nature Communications</i> , 2020, 11, 6285.	5.8	89
22	BIL&GIN: A neuroimaging, cognitive, behavioral, and genetic database for the study of human brain lateralization. <i>NeuroImage</i> , 2016, 124, 1225-1231.	2.1	81
23	The Rise and Fall of Priming: How Visual Exposure Shapes Cortical Representations of Objects. <i>Cerebral Cortex</i> , 2005, 15, 1655-1665.	1.6	72
24	Pseudoneglect in line bisection judgement is associated with a modulation of right hemispheric spatial attention dominance in right-handers. <i>Neuropsychologia</i> , 2017, 94, 75-83.	0.7	65
25	A SENtence Supramodal Areas Atlas (SENSAAS) based on multiple task-induced activation mapping and graph analysis of intrinsic connectivity in 144 healthy right-handers. <i>Brain Structure and Function</i> , 2019, 224, 859-882.	1.2	58
26	Strong rightward lateralization of the dorsal attentional network in left-handers with right sighting eye: An evolutionary advantage. <i>Human Brain Mapping</i> , 2015, 36, 1151-1164.	1.9	53
27	Weak language lateralization affects both verbal and spatial skills: An fMRI study in 297 subjects. <i>Neuropsychologia</i> , 2014, 65, 56-62.	0.7	48
28	A population-based atlas of the human pyramidal tract in 410 healthy participants. <i>Brain Structure and Function</i> , 2019, 224, 599-612.	1.2	48
29	Functional Asymmetries Revealed in Visually Guided Saccades: An fMRI Study. <i>Journal of Neurophysiology</i> , 2009, 102, 2994-3003.	0.9	47
30	Left Hemisphere Lateralization for Language in Right-Handers Is Controlled in Part by Familial Sinistrality, Manual Preference Strength, and Head Size. <i>Journal of Neuroscience</i> , 2010, 30, 13314-13318.	1.7	46
31	Effect of Familial Sinistrality on Planum Temporale Surface and Brain Tissue Asymmetries. <i>Cerebral Cortex</i> , 2010, 20, 1476-1485.	1.6	44
32	Between-hand difference in ipsilateral deactivation is associated with hand lateralization: fMRI mapping of 284 volunteers balanced for handedness. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 5.	1.0	42
33	Relationships between hand laterality and verbal and spatial skills in 436 healthy adults balanced for handedness. <i>Laterality</i> , 2014, 19, 383-404.	0.5	41
34	The association between hemispheric specialization for language production and for spatial attention depends on left-hand preference strength. <i>Neuropsychologia</i> , 2016, 93, 394-406.	0.7	41
35	Heschl's gyrification pattern is related to speech-listening hemispheric lateralization: fMRI investigation in 281 healthy volunteers. <i>Brain Structure and Function</i> , 2015, 220, 1585-1599.	1.2	39
36	Impact of the virtual reality on the neural representation of an environment. <i>Human Brain Mapping</i> , 2010, 31, 1065-1075.	1.9	36

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37	Right hemisphere dominance for auditory attention and its modulation by eye position: an event related fMRI study. <i>Restorative Neurology and Neuroscience</i> , 2007, 25, 211-25.	0.4	31
38	Cooperative and competitive spatial interactions in motion integration. <i>Visual Neuroscience</i> , 1999, 16, 755-770.	0.5	27
39	Predicting hemispheric dominance for language production in healthy individuals using support vector machine. <i>Human Brain Mapping</i> , 2017, 38, 5871-5889.	1.9	23
40	A Novel Group ICA Approach Based on Multi-scale Individual Component Clustering. Application to a Large Sample of fMRI Data. <i>Neuroinformatics</i> , 2012, 10, 269-285.	1.5	17
41	Sex-dependent modulation of activity in the neural networks engaged during emotional speech comprehension. <i>Brain Research</i> , 2011, 1390, 108-117.	1.1	16
42	What Are the Contributions of Handedness, Sighting Dominance, Hand Used to Bisect, and Visuospatial Line Processing to the Behavioral Line Bisection Bias?. <i>Frontiers in Psychology</i> , 2018, 9, 1688.	1.1	14
43	A common neural system is activated in hearing non-signers to process French Sign language and spoken French. <i>Brain Research Bulletin</i> , 2011, 84, 75-87.	1.4	13
44	Neural support of manual preference revealed by BOLD variations during right and left finger-tapping in a sample of 287 healthy adults balanced for handedness. <i>Laterality</i> , 2021, 26, 398-420.	0.5	12
45	The MRI-Share database: brain imaging in a cross-sectional cohort of 1870 university students. <i>Brain Structure and Function</i> , 2021, 226, 2057-2085.	1.2	11
46	Neural correlates of counting large numerosity. <i>ZDM - International Journal on Mathematics Education</i> , 2010, 42, 569-577.	1.3	8
47	Word Meaning Contributes to Free Recall Performance in Supraspan Verbal List-Learning Tests. <i>Frontiers in Psychology</i> , 2020, 11, 2043.	1.1	7
48	Development of handedness, anatomical and functional brain lateralization. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2020, 173, 99-105.	1.0	7
49	Novel characterization of the relationship between verbal list learning outcomes and hippocampal subfields in healthy adults. <i>Human Brain Mapping</i> , 2021, 42, 5264-5277.	1.9	7
50	The neural correlates of highly iconic structures and topographic discourse in French Sign Language as observed in six hearing native signers. <i>Brain and Language</i> , 2010, 114, 180-192.	0.8	6
51	What Is the Role of Manual Preference in Hand-Digit Mapping During Finger Counting? A Study in a Large Sample of Right- and Left-Handers. <i>Perception</i> , 2016, 45, 125-135.	0.5	3
52	Neural bases of topographical representation in humans: Contribution of neuroimaging studies. , 2010, , 17-30.		2
53	Is there neural dissociation between language and reasoning?. <i>Trends in Cognitive Sciences</i> , 2012, 16, 494-495.	4.0	2
54	What can we learn from healthy atypical individuals on the segregation of complementary functions?. <i>Physics of Life Reviews</i> , 2019, 30, 34-37.	1.5	2

#	ARTICLE	IF	CITATIONS
55	THE RISE AND FALL OF VISUAL PRIMING. <i>Journal of Vision</i> , 2010, 3, 192-192.	0.1	0