

Michael S Gazzaniga

List of Publications by Year in descending order

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125
papers

9,206
citations

25034

57
h-index

43889

91
g-index

131
all docs

131
docs citations

131
times ranked

6209
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding complexity in the human brain. Trends in Cognitive Sciences, 2011, 15, 200-209.	7.8	393
2	The Integrated Mind. , 1978, , .		375
3	Forty-five years of split-brain research and still going strong. Nature Reviews Neuroscience, 2005, 6, 653-659.	10.2	352
4	Manipulo-spatial aspects of cerebral lateralization: Clues to the origin of lateralization. Neuropsychologia, 1977, 15, 743-750.	1.6	270
5	The Split Brain in Man. Scientific American, 1967, 217, 24-29.	1.0	230
6	Neuroprediction of future rearrest. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 6223-6228.	7.1	219
7	Principles of human brain organization derived from split-brain studies. Neuron, 1995, 14, 217-228.	8.1	208
8	Dissociation of Spatial and Temporal Coupling in the Bimanual Movements of Callosotomy Patients. Psychological Science, 1996, 7, 306-310.	3.3	206
9	Graspable objects grab attention when the potential for action is recognized. Nature Neuroscience, 2003, 6, 421-427.	14.8	201
10	Independent hemispheric attentional systems mediate visual search in split-brain patients. Nature, 1989, 342, 543-545.	27.8	192
11	No sex-related differences in human corpus callosum based on magnetic resonance imagery. Annals of Neurology, 1987, 21, 604-606.	5.3	179
12	Right hemisphere language following brain bisection: A 20-year perspective.. American Psychologist, 1983, 38, 525-537.	4.2	176
13	Artificial language training in global aphasics. Neuropsychologia, 1973, 11, 95-103.	1.6	163
14	Reflexive Joint Attention Depends on Lateralized Cortical Connections. Psychological Science, 2000, 11, 159-166.	3.3	163
15	Mike or me? Self-recognition in a split-brain patient. Nature Neuroscience, 2002, 5, 841-842.	14.8	160
16	Dichotic testing of partial and complete split brain subjects. Neuropsychologia, 1975, 13, 341-346.	1.6	151
17	A computational analysis of mental image generation: Evidence from functional dissociations in split-brain patients.. Journal of Experimental Psychology: General, 1985, 114, 311-341.	2.1	134
18	Cerebrally Lateralized Mental Representations of Hand Shape and Movement. Journal of Neuroscience, 1998, 18, 6539-6548.	3.6	134

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19	Dynamic network structure of interhemispheric coordination. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 18661-18668.	7.1	134
20	Neuroimaging techniques offer new perspectives on callosal transfer and interhemispheric communication. Cortex, 2008, 44, 1023-1029.	2.4	130
21	Facial recognition and brain asymmetries: Clues to underlying mechanisms. Annals of Neurology, 1983, 13, 536-540.	5.3	128
22	Creating false memories for visual scenes. Neuropsychologia, 1998, 36, 513-520.	1.6	125
23	The Split Brain Revisited. Scientific American, 1998, 279, 50-55.	1.0	123
24	The Functional Magnetic Resonance Imaging Data Center (fMRIDC): the challenges and rewards of large-scale databasing of neuroimaging studies. Philosophical Transactions of the Royal Society B: Biological Sciences, 2001, 356, 1323-1339.	4.0	119
25	Dissociating Processes Supporting Causal Perception and Causal Inference in the Brain.. Neuropsychology, 2005, 19, 591-602.	1.3	117
26	Neurological disorders and the structure of human consciousness. Trends in Cognitive Sciences, 2003, 7, 161-165.	7.8	116
27	Profiles of right hemisphere language and speech following brain bisection. Brain and Language, 1984, 22, 206-220.	1.6	113
28	A divided mind: Observations on the conscious properties of the separated hemispheres. Annals of Neurology, 1977, 2, 417-421.	5.3	107
29	Hemispheric Mechanisms Controlling Voluntary and Spontaneous Facial Expressions. Journal of Cognitive Neuroscience, 1990, 2, 239-245.	2.3	107
30	Insights into the functional specificity of the human corpus callosum. Brain, 2000, 123, 920-926.	7.6	104
31	DISSOCIATION OF LANGUAGE AND COGNITION: A PSYCHOLOGICAL PROFILE OF TWO DISCONNECTED RIGHT HEMISPHERES. Brain, 1984, 107, 145-153.	7.6	99
32	PLASTICITY IN SPEECH ORGANIZATION FOLLOWING COMMISSUROTOMY. Brain, 1979, 102, 805-815.	7.6	98
33	A left hemisphere basis for visual mental imagery?. Neuropsychologia, 1985, 23, 115-118.	1.6	98
34	Within grasp but out of reach: evidence for a double dissociation between imagined hand and arm movements in the left cerebral hemisphere. Neuropsychologia, 2001, 39, 36-50.	1.6	94
35	Surface Area of Human Cerebral Cortex and Its Gross Morphological Subdivisions: In Vivo Measurements in Monozygotic Twins Suggest Differential Hemisphere Effects of Genetic Factors. Journal of Cognitive Neuroscience, 1995, 7, 292-302.	2.3	93
36	Right-Hemisphere Memory Superiority: Studies of a Split-Brain Patient. Psychological Science, 1995, 6, 157-164.	3.3	93

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37	Structural Organization of the Corpus Callosum Predicts the Extent and Impact of Cortical Activity in the Nondominant Hemisphere. <i>Journal of Neuroscience</i> , 2008, 28, 2912-2918.	3.6	91
38	Direction information coordinated via the posterior third of the corpus callosum during bimanual movements. <i>Experimental Brain Research</i> , 1999, 128, 573-577.	1.5	90
39	Brain mechanisms underlying perceptual causality. <i>Cognitive Brain Research</i> , 2005, 24, 41-47.	3.0	90
40	Magnetic resonance imaging morphology of the corpus callosum in monozygotic twins. <i>Annals of Neurology</i> , 1989, 26, 100-104.	5.3	88
41	Acetylcholinesterase Staining in Human Auditory and Language Cortices: Regional Variation of Structural Features. <i>Cerebral Cortex</i> , 1996, 6, 260-270.	2.9	88
42	Brainprints: Computer-Generated Two-Dimensional Maps of the Human Cerebral Cortex <i>in vivo</i> . <i>Journal of Cognitive Neuroscience</i> , 1989, 1, 88-117.	2.3	83
43	Reading with a limited lexicon in the right hemisphere of a callosotomy patient. <i>Neuropsychologia</i> , 1992, 30, 187-200.	1.6	83
44	Perceptual and attentional processes following callosal section in humans. <i>Neuropsychologia</i> , 1987, 25, 119-133.	1.6	82
45	PROCESSING OF SEMANTIC ANOMALY BY RIGHT AND LEFT HEMISPHERES OF COMMISSUROTOMY PATIENTS. <i>Brain</i> , 1988, 111, 553-576.	7.6	81
46	Evidence of foveal splitting in a commissurotomy patient. <i>Neuropsychologia</i> , 1989, 27, 273-281.	1.6	79
47	Sharing neuroimaging studies of human cognition. <i>Nature Neuroscience</i> , 2004, 7, 473-481.	14.8	77
48	Representation of Visuotactile Space in the Split Brain. <i>Psychological Science</i> , 2001, 12, 90-93.	3.3	74
49	Hemispheric asymmetries for simple visual judgments in the split brain. <i>Neuropsychologia</i> , 2002, 40, 401-410.	1.6	72
50	Automatic Brainsâ€™ Interpretive Minds. <i>Current Directions in Psychological Science</i> , 2004, 13, 56-59.	5.3	72
51	Hemispheric differences in mnemonic processing: The effects of left hemisphere interpretation. <i>Neuropsychologia</i> , 1992, 30, 293-297.	1.6	70
52	Left ear performance in dichotic listening following commissurotomy. <i>Neuropsychologia</i> , 1978, 16, 305-312.	1.6	69
53	Independent Attentional Scanning in the Separated Hemispheres of Split-Brain Patients. <i>Journal of Cognitive Neuroscience</i> , 1994, 6, 84-91.	2.3	69
54	Functional Connectivity: Integrating Behavioral, Diffusion Tensor Imaging, and Functional Magnetic Resonance Imaging Data Sets. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 687-693.	2.3	68

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55	Deficits in Recall Following Partial and Complete Commissurotomy. <i>Cerebral Cortex</i> , 1991, 1, 492-491.	2.9	67
56	Blindsight Reconsidered. <i>Current Directions in Psychological Science</i> , 1994, 3, 93-96.	5.3	67
57	Memory Lost and Regained Following Bilateral Hippocampal Damage. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 682-697.	2.3	66
58	Out of Contact, Out of Mind. <i>Annals of the New York Academy of Sciences</i> , 2003, 1001, 65-78.	3.8	65
59	Why share data? Lessons learned from the fMRIDC. <i>NeuroImage</i> , 2013, 82, 677-682.	4.2	61
60	Cortical and Subcortical Interhemispheric Interactions Following Partial and Complete Callosotomy. <i>Archives of Neurology</i> , 2000, 57, 185.	4.5	58
61	A Dissociation between the Representation of Tool-use Skills and Hand Dominance: Insights from Left- and Right-handed Callosotomy Patients. <i>Journal of Cognitive Neuroscience</i> , 2005, 17, 262-272.	2.3	57
62	Three-Dimensional Quantitative Analysis of Hemispheric Asymmetry in the Human Superior Temporal Region. <i>Cerebral Cortex</i> , 1993, 3, 348-355.	2.9	55
63	Illusory Contour Perception and Amodal Boundary Completion: Evidence of a Dissociation Following Callosotomy. <i>Journal of Cognitive Neuroscience</i> , 1999, 11, 459-466.	2.3	55
64	Left hemisphere representations of emotional facial expressions. <i>Neuropsychologia</i> , 1996, 34, 23-29.	1.6	54
65	Databasing fMRI studies â€” towards a 'discovery science' of brain function. <i>Nature Reviews Neuroscience</i> , 2002, 3, 314-318.	10.2	54
66	Modular Organization of Cognitive Systems Masked by Interhemispheric Integration. <i>Science</i> , 1998, 280, 902-905.	12.6	53
67	Abnormal moral reasoning in complete and partial callosotomy patients. <i>Neuropsychologia</i> , 2010, 48, 2215-2220.	1.6	53
68	Unilateral medial temporal lobe memory impairment: type deficit, function deficit, or both?. <i>Neuropsychologia</i> , 1998, 36, 115-127.	1.6	51
69	Shifting Gears: Seeking New Approaches for Mind/Brain Mechanisms. <i>Annual Review of Psychology</i> , 2013, 64, 1-20.	17.7	51
70	Right Hemisphere Dominance in Visual Statistical Learning. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 1088-1099.	2.3	47
71	Enhanced dual task performance following corpus commissurotomy in humans. <i>Neuropsychologia</i> , 1985, 23, 315-321.	1.6	46
72	Islands of Residual Vision in Hemianopic Patients. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 203-221.	2.3	46

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73	Interaction in isolation: 50 years of insights from split-brain research. <i>Brain</i> , 2017, 140, 2051-2060.	7.6	44
74	DISTURBANCES IN CONCEPTUAL SPACE INVOLVING LANGUAGE AND SPEECH. <i>Brain</i> , 1987, 110, 1487-1496.	7.6	41
75	Hemispheric Encoding Asymmetry is More Apparent Than Real. <i>Journal of Cognitive Neuroscience</i> , 2002, 14, 702-708.	2.3	40
76	Chapter 22 Speculations on the neural basis of islands of blindsight. <i>Progress in Brain Research</i> , 2001, 134, 353-366.	1.4	39
77	On Neural Circuits and Cognition. <i>Neural Computation</i> , 1995, 7, 1-12.	2.2	38
78	Numerical processing in the two hemispheres: Studies of a split-brain patient. <i>Brain and Cognition</i> , 2005, 57, 43-52.	1.8	37
79	Late Positive Event-Related Potentials after Commissural Section in Humans. <i>Journal of Cognitive Neuroscience</i> , 1990, 2, 258-271.	2.3	36
80	A deficit in perceptual matching in the left hemisphere of a callosotomy patient. <i>Neuropsychologia</i> , 1999, 37, 1143-1154.	1.6	34
81	Cortical and subcortical contributions to the representation of temporal information. <i>Neuropsychologia</i> , 2003, 41, 1461-1473.	1.6	34
82	Neuroscience and the correct level of explanation for understanding mind. <i>Trends in Cognitive Sciences</i> , 2010, 14, 291-292.	7.8	33
83	A dissociation between spatial and identity matching in callosotomy patients. <i>NeuroReport</i> , 1999, 10, 2183-2187.	1.2	30
84	Guided Visual Search Is a Left-Hemisphere Process in Split-Brain Patients. <i>Psychological Science</i> , 1995, 6, 118-121.	3.3	29
85	Lateralization of language: Toward a biologically based model of language. <i>Linguistic Review</i> , 2005, 22, .	0.4	29
86	Can perceptual expertise account for the own-race bias in face recognition? A split-brain study. <i>Cognitive Neuropsychology</i> , 2005, 22, 877-883.	1.1	28
87	Predictive accuracy in the neuroprediction of rearrest. <i>Social Neuroscience</i> , 2014, 9, 332-336.	1.3	25
88	EVIDENCE FOR PARACALLOSAL VERBAL TRANSFER AFTER CALLOSAL SECTION. <i>Brain</i> , 1982, 105, 53-63.	7.6	24
89	Failure to remap visuotactile space across the midline in the split-brain.. <i>Canadian Journal of Experimental Psychology</i> , 2001, 55, 133-140.	0.8	23
90	Temporal discrimination in the split brain. <i>Brain and Cognition</i> , 2003, 53, 218-222.	1.8	23

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91	The calculating hemispheres: Studies of a split-brain patient. <i>Neuropsychologia</i> , 2007, 45, 2378-2386.	1.6	23
92	Placing a tool in the spotlight: spatial attention modulates visuomotor responses in cortex. <i>NeuroImage</i> , 2005, 26, 266-276.	4.2	21
93	The Recognition of Antonymy by a Language-Enriched Right Hemisphere. <i>Journal of Cognitive Neuroscience</i> , 1989, 1, 187-193.	2.3	19
94	Subcortical transfer of higher order information: More illusory than real?. <i>Neuropsychology</i> , 1995, 9, 321-328.	1.3	19
95	Motor experience with graspable objects reduces their implicit analysis in visual- and motor-related cortex. <i>Brain Research</i> , 2006, 1097, 156-166.	2.2	19
96	Cortical surface modeling reveals gross morphometric correlates of individual differences. <i>Human Brain Mapping</i> , 1995, 3, 257-270.	3.6	14
97	Memory Encoding Following Complete Callosotomy. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 143-159.	2.3	14
98	Hemispheric processing asymmetries: Implications for memory. <i>Brain and Cognition</i> , 2001, 46, 135-139.	1.8	12
99	Unifying control over the body: consciousness and cross-cueing in split-brain patients. <i>Brain</i> , 2018, 141, e15-e15.	7.6	10
100	The Organization of Human Language Cortex: Special Adaptation or Common Cortical Design?. <i>Neuroscientist</i> , 1997, 3, 61-72.	3.5	9
101	Some Contributions of Split-Brain Studies to the Study of Human Cognition. , 1985, , 341-348.		9
102	The Role of Language for Conscious Experience: Observations from Split-brain Man. <i>Progress in Brain Research</i> , 1980, 54, 689-696.	1.4	8
103	Continuing Progress in Neuroinformatics. <i>Science</i> , 2006, 311, 176a-176a.	12.6	8
104	Is Seeing Believing: Notes on Clinical Recovery. , 1978, , 409-414.		8
105	Chapter 29 Extrageniculostriate vision in humans: investigations with hemispherectomy patients. <i>Progress in Brain Research</i> , 1996, 112, 405-413.	1.4	7
106	Commentary on the Neuroscience Session. <i>Annals of the New York Academy of Sciences</i> , 1999, 882, 128-134.	3.8	7
107	The brain and the split brain: A duel with duality as a model of mind. <i>Behavioral and Brain Sciences</i> , 1981, 4, 109-110.	0.7	6
108	The role of the corpus callosum in the representation of lateral orientation. <i>Neuropsychologia</i> , 1993, 31, 675-686.	1.6	5

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109	The Left Hemisphere Does Not Miss the Right Hemisphere. , 2009, , 261-270.		5
110	Discrimination learning without reward. Physiology and Behavior, 1973, 11, 121-123.	2.1	4
111	Editor's Note:. Journal of Cognitive Neuroscience, 1989, 1, 2-2.	2.3	4
112	What Does Language Do for a Right Hemisphere?. , 1984, , 199-209.		4
113	Cerebral Lateralization and Hemisphere Specialization. , 1978, , 45-76.		4
114	The thoughtful distinction between embryo and human. Chronicle of Higher Education, 2005, 51, B10-2.	0.3	4
115	Brain Mechanisms and Behavior. , 1975, , 565-590.		3
116	Editor's Note. Journal of Cognitive Neuroscience, 1989, 1, 120-120.	2.3	2
117	Split-Brain Cases. , 2007, , 181-193.		2
118	Hemispheric asymmetries in the parietal lobes. Advances in Neurology, 2003, 93, 321-34.	0.8	2
119	Chapter 23 Blindsight: hypotheses and clinical implications. Handbook of Clinical Neurophysiology, 2005, , 441-450.	0.0	1
120	Split-Brain, Split-Mind. , 2016, , 271-279.		1
121	Brain, Imagery, and Memory. , 1978, , 121-139.		1
122	Attention in Split-Brain Patients. , 2005, , 358-362.		0
123	Split-brain Cases. , 2017, , 634-647.		0
124	The fMRI Data Center: Software Tools for Neuroimaging Data Management, Inspection, and Sharing. , 2003, , 221-235.		0
125	The Nature of Interhemispheric Communication. , 1978, , 9-44.		0