

Aina Puce

List of Publications by Year in descending order

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Version: 2024-02-01

110
papers

16,640
citations

61945

43
h-index

46771

89
g-index

204
all docs

204
docs citations

204
times ranked

11442
citing authors

#	ARTICLE	IF	CITATIONS
1	Good scientific practice in EEG and MEG research: Progress and perspectives. <i>NeuroImage</i> , 2022, 257, 119056.	2.1	15
2	Advances in human intracranial electroencephalography research, guidelines and good practices. <i>NeuroImage</i> , 2022, 260, 119438.	2.1	50
3	Statistical power: Implications for planning MEG studies. <i>NeuroImage</i> , 2021, 233, 117894.	2.1	6
4	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021, 103, 78-97.	1.5	9
5	Neuromatch Academy: Teaching Computational Neuroscience with Global Accessibility. <i>Trends in Cognitive Sciences</i> , 2021, 25, 535-538.	4.0	14
6	Technological advances are the scaffold for propelling science forward in social neuroscience. <i>Journal of Vision</i> , 2021, 21, 75.	0.1	0
7	Issues and recommendations from the OHBM COBIDAS MEEG committee for reproducible EEG and MEG research. <i>Nature Neuroscience</i> , 2020, 23, 1473-1483.	7.1	113
8	Editorial: Where the rubber meets the road in visual perception: High temporal precision brain signals to top-down and bottom-up influences on perceptual resolution. <i>European Journal of Neuroscience</i> , 2020, 52, 4403-4410.	1.2	0
9	Differential effects of propofol and ketamine on critical brain dynamics. <i>PLoS Computational Biology</i> , 2020, 16, e1008418.	1.5	26
10	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0
11	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0
12	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0
13	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0
14	Editorial overview: The 25th Anniversary of the Human Brain Mapping Meeting. <i>NeuroImage</i> , 2019, 200, 704-705.	2.1	0
15	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). <i>Clinical Neurophysiology</i> , 2018, 129, 1720-1747.	0.7	111
16	Reply to "Clinical practice guidelines or clinical research guidelines?". <i>Clinical Neurophysiology</i> , 2018, 129, 2056-2057.	0.7	0
17	Socio-emotionally significant experience and children's processing of irrelevant auditory stimuli. <i>International Journal of Psychophysiology</i> , 2017, 112, 52-63.	0.5	2
18	A Review of Issues Related to Data Acquisition and Analysis in EEG/MEG Studies. <i>Brain Sciences</i> , 2017, 7, 58.	1.1	112

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19	MEG-EEG Primer. , 2017, , .		88
20	Editorial: Facing the Other: Novel Theories and Methods in Face Perception Research. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 32.	1.0	4
21	Same Interventionâ€™Different Reorganization. <i>Neurorehabilitation and Neural Repair</i> , 2016, 30, 988-1000.	1.4	24
22	On dissociating the neural time course of the processing of positive emotions. <i>Neuropsychologia</i> , 2016, 83, 123-137.	0.7	34
23	Something to sink your teeth into: The presence of teeth augments ERPs to mouth expressions. <i>NeuroImage</i> , 2016, 127, 227-241.	2.1	32
24	Neurophysiological correlates of childrenâ€™s processing of interparental conflict cues.. <i>Journal of Family Psychology</i> , 2015, 29, 518-527.	1.0	13
25	Photographic but not line-drawn faces show early perceptual neural sensitivity to eye gaze direction. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 185.	1.0	19
26	Extrastriate visual cortex reorganizes despite sequential bilateral occipital stroke: implications for vision recovery. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 224.	1.0	6
27	White matter abnormalities of microstructure and physiological noise in schizophrenia. <i>Brain Imaging and Behavior</i> , 2015, 9, 868-877.	1.1	12
28	Social decisions affect neural activity to perceived dynamic gaze. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1557-1567.	1.5	39
29	Face Recognition, Psychological and Neural Aspects. , 2015, , 663-666.		0
30	Nodal centrality of functional network in the differentiation of schizophrenia. <i>Schizophrenia Research</i> , 2015, 168, 345-352.	1.1	57
31	New Frontiers of Investigation in Social Attention. , 2015, , 1-19.		3
32	Neural Bases for Social Attention in Healthy Humans. , 2015, , 93-127.		8
33	Disrupted Modular Architecture of Cerebellum in Schizophrenia: A Graph Theoretic Analysis. <i>Schizophrenia Bulletin</i> , 2014, 40, 1216-1226.	2.3	67
34	Sustained neural activity to gaze and emotion perception in dynamic social scenes. <i>Social Cognitive and Affective Neuroscience</i> , 2014, 9, 350-357.	1.5	23
35	Neural correlates of apparent motion perception of impoverished facial stimuli: A comparison of ERP and ERSP activity. <i>NeuroImage</i> , 2014, 98, 442-459.	2.1	32
36	Reducing respiratory effect in motion correction for EPI images with sequential slice acquisition order. <i>Journal of Neuroscience Methods</i> , 2014, 227, 83-89.	1.3	5

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37	Perception of Nonverbal Cues. , 2013, , .		0
38	Multiple faces elicit augmented neural activity. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 282.	1.0	25
39	Neurophysiological Correlates of Face and Voice Integration. , 2013, , 163-178.		0
40	Inverse Effectiveness and Multisensory Interactions in Visual Event-Related Potentials with Audiovisual Speech. <i>Brain Topography</i> , 2012, 25, 308-326.	0.8	51
41	Action expertise reduces brain activity for audiovisual matching actions: An fMRI study with expert drummers. <i>NeuroImage</i> , 2011, 56, 1480-1492.	2.1	80
42	Cortical Networks Representing Object Categories and High-level Attributes of Familiar Real-world Action Sounds. <i>Journal of Cognitive Neuroscience</i> , 2011, 23, 2079-2101.	1.1	39
43	In the Blink of an Eye: Neural Responses Elicited to Viewing the Eye Blinks of Another Individual. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 68.	1.0	16
44	Relationship Between Touch Impairment and Brain Activation After Lesions of Subcortical and Cortical Somatosensory Regions. <i>Neurorehabilitation and Neural Repair</i> , 2011, 25, 443-457.	1.4	48
45	Structural Network Topology Revealed by White Matter Tractography in Cannabis Users: A Graph Theoretical Analysis. <i>Brain Connectivity</i> , 2011, 1, 473-483.	0.8	32
46	Multimodal Studies Using Dynamic Faces. , 2010, , 123-140.		1
47	Serial Functional Imaging Poststroke Reveals Visual Cortex Reorganization. <i>Neurorehabilitation and Neural Repair</i> , 2009, 23, 150-159.	1.4	15
48	Regional fMRI brain activation does correlate with global brain volume. <i>Brain Research</i> , 2009, 1259, 17-25.	1.1	21
49	Audiovisual Non-Verbal Dynamic Faces Elicit Converging fMRI and ERP Responses. <i>Brain Topography</i> , 2009, 21, 193-206.	0.8	27
50	Multisensory integration of drumming actions: musical expertise affects perceived audiovisual asynchrony. <i>Experimental Brain Research</i> , 2009, 198, 339-352.	0.7	84
51	Different categories of living and non-living sound-sources activate distinct cortical networks. <i>NeuroImage</i> , 2009, 47, 1778-1791.	2.1	91
52	Abnormal recruitment of working memory updating networks during maintenance of trauma-neutral information in post-traumatic stress disorder. <i>Psychiatry Research - Neuroimaging</i> , 2008, 163, 156-170.	0.9	105
53	Neuronal oscillations and visual amplification of speech. <i>Trends in Cognitive Sciences</i> , 2008, 12, 106-113.	4.0	438
54	Workshop on psychology of face and gesture recognition. , 2008, , .		0

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55	The left amygdala knows fear: laterality in the amygdala response to fearful eyes. <i>Social Cognitive and Affective Neuroscience</i> , 2008, 3, 47-54.	1.5	101
56	Whole-hand sensorimotor area: cortical stimulation localization and correlation with functional magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2008, 108, 491-500.	0.9	14
57	FLUORODEOXYGLUCOSEâ€“POSITRON EMISSION TOMOGRAPHIC IMAGING FOR THE DIAGNOSIS OF MESIAL TEMPORAL LOBE EPILEPSY. <i>Neurosurgery</i> , 2008, 63, 1130-1138.	0.6	21
58	fMRI Demonstrates Diaschisis in the Extrastriate Visual Cortex. <i>Stroke</i> , 2007, 38, 2360-2363.	1.0	9
59	It's all in the eyes: neural responses to socially significant gaze shifts. <i>NeuroReport</i> , 2007, 18, 763-766.	0.6	30
60	Mind Your Body. <i>Neuron</i> , 2007, 56, 198-200.	3.8	0
61	Common and distinct brain activation to viewing dynamic sequences of face and hand movements. <i>NeuroImage</i> , 2007, 37, 966-973.	2.1	91
62	Neural responses elicited to face motion and vocalization pairings. <i>Neuropsychologia</i> , 2007, 45, 93-106.	0.7	48
63	White Matter Correlates of Cognitive Capacity Studied With Diffusion Tensor Imaging: Implications for Cognitive Reserve. <i>Brain Imaging and Behavior</i> , 2007, 1, 83-92.	1.1	7
64	Chapter 4 Cortical activities elicited by viewing mouth movements: a magnetoencephalographic study. <i>Supplements To Clinical Neurophysiology</i> , 2006, 59, 27-34.	2.1	0
65	Human MT/V5 activity on viewing eye gaze changes in others: A magnetoencephalographic study. <i>Brain Research</i> , 2006, 1092, 152-160.	1.1	33
66	Neural correlates of imagined and synaesthetic colours. <i>Neuropsychologia</i> , 2006, 44, 2918-2925.	0.7	103
67	Neurobiological Techniques: Overview of Terms, Procedures, and Technologies. , 2005, , 3-28.		1
68	Configural Processing of Biological Motion in Human Superior Temporal Sulcus. <i>Journal of Neuroscience</i> , 2005, 25, 9059-9066.	1.7	178
69	Digit representation is more than just hand waving. <i>Cognitive Brain Research</i> , 2004, 21, 412-417.	3.3	23
70	Is the Fusiform Face Area Specialized for Faces, Individuation, or Expert Individuation?. <i>Journal of Cognitive Neuroscience</i> , 2004, 16, 189-203.	1.1	195
71	No About Face on Houses in the Fusiform Face Area!. <i>Neuron</i> , 2004, 44, 747-748.	3.8	13
72	Magnetoencephalographic study of occipitotemporal activity elicited by viewing mouth movements. <i>Clinical Neurophysiology</i> , 2004, 115, 1559-1574.	0.7	28

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73	Viewing the motion of human body parts activates different regions of premotor, temporal, and parietal cortex. <i>NeuroImage</i> , 2004, 22, 277-288.	2.1	198
74	Electrophysiology and brain imaging of biological motion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003, 358, 435-445.	1.8	597
75	The human temporal lobe integrates facial form and motion: evidence from fMRI and ERP studies. <i>NeuroImage</i> , 2003, 19, 861-869.	2.1	99
76	The functional magnetic resonance imaging hemodynamic response to faces remains stable until the ninth decade. <i>NeuroImage</i> , 2003, 20, 520-528.	2.1	33
77	The spatiotemporal dynamics of the face inversion effect: A magneto- and electro-encephalographic study. <i>Neuroscience</i> , 2003, 116, 879-895.	1.1	143
78	Functional MRI Studies of Perception, Cognition and Emotion: Studies in Normal and Diseased Brains. <i>Neuropsychology and Cognition</i> , 2003, , 131-171.	0.6	0
79	Category-Sensitive Excitatory and Inhibitory Processes in Human Extrastriate Cortex. <i>Journal of Neurophysiology</i> , 2002, 88, 2864-2868.	0.9	70
80	Differential Functional Magnetic Resonance Imaging Language Activation in Twins Discordant for a Left Frontal Tumor. <i>Journal of Child Neurology</i> , 2002, 17, 766-769.	0.7	13
81	Should Bad Workmen Always Blame Their Tools?. <i>Neuron</i> , 2002, 34, 6-7.	3.8	0
82	fMRI lateralisation of language function in children with cerebral lesions. <i>NeuroImage</i> , 2001, 13, 495.	2.1	0
83	Occipitotemporal Activity Elicited by Viewing Eye Movements: A Magnetoencephalographic Study. <i>NeuroImage</i> , 2001, 13, 351-363.	2.1	54
84	Human neural responses elicited to observing the actions of others. <i>Visual Neuroscience</i> , 2001, 18, 401-406.	0.5	50
85	Social perception from visual cues: role of the STS region. <i>Trends in Cognitive Sciences</i> , 2000, 4, 267-278.	4.0	2,158
86	ERPS EVOKED BY VIEWING FACIAL MOVEMENTS. <i>Cognitive Neuropsychology</i> , 2000, 17, 221-239.	0.4	139
87	Electrophysiological Studies of Human Face Perception. I: Potentials Generated in Occipitotemporal Cortex by Face and Non-face Stimuli. <i>Cerebral Cortex</i> , 1999, 9, 415-430.	1.6	786
88	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. <i>Human Brain Mapping</i> , 1998, 6, 14-32.	1.9	187
89	Temporal Cortex Activation in Humans Viewing Eye and Mouth Movements. <i>Journal of Neuroscience</i> , 1998, 18, 2188-2199.	1.7	1,005
90	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. <i>Human Brain Mapping</i> , 1998, 6, 14-32.	1.9	4

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91	Face-Specific Processing in the Human Fusiform Gyrus. <i>Journal of Cognitive Neuroscience</i> , 1997, 9, 605-610.	1.1	1,118
92	Comparison of cortical activation evoked by faces measured by intracranial field potentials and functional MRI: Two case studies. , 1997, 5, 298-305.		75
93	Localization of functional regions of human mesial cortex by somatosensory evoked potential recording and by cortical stimulation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1996, 100, 126-140.	2.0	120
94	Electrophysiological Studies of Face Perception in Humans. <i>Journal of Cognitive Neuroscience</i> , 1996, 8, 551-565.	1.1	2,690
95	Differential Sensitivity of Human Visual Cortex to Faces, Letterstrings, and Textures: A Functional Magnetic Resonance Imaging Study. <i>Journal of Neuroscience</i> , 1996, 16, 5205-5215.	1.7	929
96	Activation of Human Prefrontal Cortex during Spatial and Nonspatial Working Memory Tasks Measured by Functional MRI. <i>Cerebral Cortex</i> , 1996, 6, 600-611.	1.6	376
97	Comparative Assessment of Sensorimotor Function Using Functional Magnetic Resonance Imaging and Electrophysiological Methods. <i>Journal of Clinical Neurophysiology</i> , 1995, 12, 450-459.	0.9	69
98	Face-sensitive regions in human extrastriate cortex studied by functional MRI. <i>Journal of Neurophysiology</i> , 1995, 74, 1192-1199.	0.9	658
99	Functional magnetic resonance imaging of sensory and motor cortex: comparison with electrophysiological localization. <i>Journal of Neurosurgery</i> , 1995, 83, 262-270.	0.9	292
100	Face recognition in human extrastriate cortex. <i>Journal of Neurophysiology</i> , 1994, 71, 821-825.	0.9	517
101	Human Extrastriate Visual Cortex and the Perception of Faces, Words, Numbers, and Colors. <i>Cerebral Cortex</i> , 1994, 4, 544-554.	1.6	469
102	Functional NMR imaging using fast spin echo at 1.5 T. <i>Magnetic Resonance in Medicine</i> , 1994, 31, 686-690.	1.9	80
103	P3 latency jitter assessed using 2 techniques. I. Simulated data and surface recordings in normal subjects. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1994, 92, 352-364.	2.0	19
104	Functional magnetic resonance imaging of human prefrontal cortex activation during a spatial working memory task.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8690-8694.	3.3	431
105	Cortical hyperexcitability in progressive myoclonus epilepsy. <i>Neurology</i> , 1993, 43, 186-186.	1.5	85
106	Scalp and Limbic P3 Event-Related Potentials in the Assessment of Patients with Temporal Lobe Epilepsy. <i>Epilepsia</i> , 1991, 32, 629-634.	2.6	23
107	VISUAL RECOGNITION MEMORY. <i>Brain</i> , 1991, 114, 1647-1666.	3.7	67
108	Post-ictal recognition memory predicts laterality of temporal lobe seizure focus: Comparison with post-operative data. <i>Neuropsychologia</i> , 1990, 28, 957-967.	0.7	38

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109	Limbic P3 potentials, seizure localization, and surgical pathology in temporal lobe epilepsy. <i>Annals of Neurology</i> , 1989, 26, 377-385.	2.8	94
110	Comparative effects of age on limbic and scalp P3. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1989, 74, 385-393.	2.0	23