

Aina Puce

List of Publications by Citations

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104
papers

14,125
citations

43
h-index

118
g-index

204
ext. papers

15,442
ext. citations

5.5
avg. IF

6.14
L-index

#	Paper	IF	Citations
104	Electrophysiological Studies of Face Perception in Humans. <i>Journal of Cognitive Neuroscience</i> , 1996 , 8, 551-565	3.1	2285
103	Social perception from visual cues: role of the STS region. <i>Trends in Cognitive Sciences</i> , 2000 , 4, 267-278	14	1871
102	Face-specific processing in the human fusiform gyrus. <i>Journal of Cognitive Neuroscience</i> , 1997 , 9, 605-10	3.1	982
101	Temporal cortex activation in humans viewing eye and mouth movements. <i>Journal of Neuroscience</i> , 1998 , 18, 2188-99	6.6	906
100	Differential sensitivity of human visual cortex to faces, letterstrings, and textures: a functional magnetic resonance imaging study. <i>Journal of Neuroscience</i> , 1996 , 16, 5205-15	6.6	817
99	Electrophysiological studies of human face perception. I: Potentials generated in occipitotemporal cortex by face and non-face stimuli. <i>Cerebral Cortex</i> , 1999 , 9, 415-30	5.1	653
98	Face-sensitive regions in human extrastriate cortex studied by functional MRI. <i>Journal of Neurophysiology</i> , 1995 , 74, 1192-9	3.2	577
97	Electrophysiology and brain imaging of biological motion. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2003 , 358, 435-45	5.8	502
96	Face recognition in human extrastriate cortex. <i>Journal of Neurophysiology</i> , 1994 , 71, 821-5	3.2	462
95	Human extrastriate visual cortex and the perception of faces, words, numbers, and colors. <i>Cerebral Cortex</i> , 1994 , 4, 544-54	5.1	405
94	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, 8690-4	11.5	387
93	Neuronal oscillations and visual amplification of speech. <i>Trends in Cognitive Sciences</i> , 2008 , 12, 106-13	14	367
92	Activation of human prefrontal cortex during spatial and nonspatial working memory tasks measured by functional MRI. <i>Cerebral Cortex</i> , 1996 , 6, 600-11	5.1	343
91	Functional magnetic resonance imaging of sensory and motor cortex: comparison with electrophysiological localization. <i>Journal of Neurosurgery</i> , 1995 , 83, 262-70	3.2	244
90	Viewing the motion of human body parts activates different regions of premotor, temporal, and parietal cortex. <i>NeuroImage</i> , 2004 , 22, 277-88	7.9	173
89	Configural processing of biological motion in human superior temporal sulcus. <i>Journal of Neuroscience</i> , 2005 , 25, 9059-66	6.6	160
88	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. <i>Human Brain Mapping</i> , 1998 , 6, 14-32	5.9	154

87	Is the fusiform face area specialized for faces, individuation, or expert individuation?. <i>Journal of Cognitive Neuroscience</i> , 2004 , 16, 189-203	3.1	152
86	The spatiotemporal dynamics of the face inversion effect: a magneto- and electro-encephalographic study. <i>Neuroscience</i> , 2003 , 116, 879-95	3.9	132
85	Erps evoked by viewing facial movements. <i>Cognitive Neuropsychology</i> , 2000 , 17, 221-39	2.3	123
84	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, 126-40		100
83	Neural correlates of imagined and synaesthetic colours. <i>Neuropsychologia</i> , 2006 , 44, 2918-25	3.2	89
82	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, 156-70	2.9	87
81	The human temporal lobe integrates facial form and motion: evidence from fMRI and ERP studies. <i>NeuroImage</i> , 2003 , 19, 861-9	7.9	87
80	Limbic P3 potentials, seizure localization, and surgical pathology in temporal lobe epilepsy. <i>Annals of Neurology</i> , 1989 , 26, 377-85	9.4	87
79	Common and distinct brain activation to viewing dynamic sequences of face and hand movements. <i>NeuroImage</i> , 2007 , 37, 966-73	7.9	85
78	The left amygdala knows fear: laterality in the amygdala response to fearful eyes. <i>Social Cognitive and Affective Neuroscience</i> , 2008 , 3, 47-54	4	83
77	Different categories of living and non-living sound-sources activate distinct cortical networks. <i>NeuroImage</i> , 2009 , 47, 1778-91	7.9	76
76	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). <i>Clinical Neurophysiology</i> , 2018 , 129, 1720-1747	4.3	75
75	Functional NMR imaging using fast spin echo at 1.5 T. <i>Magnetic Resonance in Medicine</i> , 1994 , 31, 686-90	4.4	74
74	Cortical hyperexcitability in progressive myoclonus epilepsy: a study with transcranial magnetic stimulation. <i>Neurology</i> , 1993 , 43, 186-92	6.5	69
73	Category-sensitive excitatory and inhibitory processes in human extrastriate cortex. <i>Journal of Neurophysiology</i> , 2002 , 88, 2864-8	3.2	67
72	A Review of Issues Related to Data Acquisition and Analysis in EEG/MEG Studies. <i>Brain Sciences</i> , 2017 , 7,	3.4	63
71	Multisensory integration of drumming actions: musical expertise affects perceived audiovisual asynchrony. <i>Experimental Brain Research</i> , 2009 , 198, 339-52	2.3	63
70	Comparison of cortical activation evoked by faces measured by intracranial field potentials and functional MRI: two case studies. <i>Human Brain Mapping</i> , 1997 , 5, 298-305	5.9	62

69	Comparative assessment of sensorimotor function using functional magnetic resonance imaging and electrophysiological methods. <i>Journal of Clinical Neurophysiology</i> , 1995 , 12, 450-9	2.2	61
68	Visual recognition memory. Neurophysiological evidence for the role of temporal white matter in man. <i>Brain</i> , 1991 , 114 (Pt 4), 1647-66	11.2	60
67	MEG-EEG Primer 2017 ,		59
66	Action expertise reduces brain activity for audiovisual matching actions: an fMRI study with expert drummers. <i>NeuroImage</i> , 2011 , 56, 1480-92	7.9	52
65	Disrupted modular architecture of cerebellum in schizophrenia: a graph theoretic analysis. <i>Schizophrenia Bulletin</i> , 2014 , 40, 1216-26	1.3	50
64	Occipitotemporal activity elicited by viewing eye movements: a magnetoencephalographic study. <i>NeuroImage</i> , 2001 , 13, 351-63	7.9	49
63	Human neural responses elicited to observing the actions of others. <i>Visual Neuroscience</i> , 2001 , 18, 401-61.7		46
62	Nodal centrality of functional network in the differentiation of schizophrenia. <i>Schizophrenia Research</i> , 2015 , 168, 345-52	3.6	43
61	Issues and recommendations from the OHBM COBIDAS MEEG committee for reproducible EEG and MEG research. <i>Nature Neuroscience</i> , 2020 , 23, 1473-1483	25.5	43
60	Neural responses elicited to face motion and vocalization pairings. <i>Neuropsychologia</i> , 2007 , 45, 93-106	3.2	42
59	Relationship between touch impairment and brain activation after lesions of subcortical and cortical somatosensory regions. <i>Neurorehabilitation and Neural Repair</i> , 2011 , 25, 443-57	4.7	41
58	Inverse effectiveness and multisensory interactions in visual event-related potentials with audiovisual speech. <i>Brain Topography</i> , 2012 , 25, 308-26	4.3	40
57	Cortical networks representing object categories and high-level attributes of familiar real-world action sounds. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 2079-101	3.1	33
56	Post-ictal recognition memory predicts laterality of temporal lobe seizure focus: comparison with post-operative data. <i>Neuropsychologia</i> , 1990 , 28, 957-67	3.2	33
55	Human MT/V5 activity on viewing eye gaze changes in others: A magnetoencephalographic study. <i>Brain Research</i> , 2006 , 1092, 152-60	3.7	30
54	The functional magnetic resonance imaging hemodynamic response to faces remains stable until the ninth decade. <i>NeuroImage</i> , 2003 , 20, 520-8	7.9	29
53	Social decisions affect neural activity to perceived dynamic gaze. <i>Social Cognitive and Affective Neuroscience</i> , 2015 , 10, 1557-67	4	27
52	Magnetoencephalographic study of occipitotemporal activity elicited by viewing mouth movements. <i>Clinical Neurophysiology</i> , 2004 , 115, 1559-74	4.3	27

51	On dissociating the neural time course of the processing of positive emotions. <i>Neuropsychologia</i> , 2016 , 83, 123-137	3.2	26
50	Something to sink your teeth into: The presence of teeth augments ERPs to mouth expressions. <i>NeuroImage</i> , 2016 , 127, 227-241	7.9	26
49	It's all in the eyes: neural responses to socially significant gaze shifts. <i>NeuroReport</i> , 2007 , 18, 763-6	1.7	26
48	Neural correlates of apparent motion perception of impoverished facial stimuli: a comparison of ERP and ERSP activity. <i>NeuroImage</i> , 2014 , 98, 442-459	7.9	25
47	Audiovisual non-verbal dynamic faces elicit converging fMRI and ERP responses. <i>Brain Topography</i> , 2009 , 21, 193-206	4.3	25
46	Structural network topology revealed by white matter tractography in cannabis users: a graph theoretical analysis. <i>Brain Connectivity</i> , 2011 , 1, 473-83	2.7	25
45	Digit representation is more than just hand waving. <i>Cognitive Brain Research</i> , 2004 , 21, 412-7		23
44	Sustained neural activity to gaze and emotion perception in dynamic social scenes. <i>Social Cognitive and Affective Neuroscience</i> , 2014 , 9, 350-7	4	21
43	Scalp and limbic P3 event-related potentials in the assessment of patients with temporal lobe epilepsy. <i>Epilepsia</i> , 1991 , 32, 629-34	6.4	21
42	Comparative effects of age on limbic and scalp P3. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1989 , 74, 385-93		21
41	Fluorodeoxyglucose-positron emission tomographic imaging for the diagnosis of mesial temporal lobe epilepsy. <i>Neurosurgery</i> , 2008 , 63, 1130-8; discussion 1138	3.2	20
40	Multiple faces elicit augmented neural activity. <i>Frontiers in Human Neuroscience</i> , 2013 , 7, 282	3.3	18
39	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, 352-64		17
38	Best Practices in Data Analysis and Sharing in Neuroimaging using MEEG		17
37	Regional fMRI brain activation does correlate with global brain volume. <i>Brain Research</i> , 2009 , 1259, 17-25.7		16
36	Same Intervention-Different Reorganization: The Impact of Lesion Location on Training-Facilitated Somatosensory Recovery After Stroke. <i>Neurorehabilitation and Neural Repair</i> , 2016 , 30, 988-1000	4.7	14
35	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	3.3	14
34	Serial functional imaging poststroke reveals visual cortex reorganization. <i>Neurorehabilitation and Neural Repair</i> , 2009 , 23, 150-9	4.7	14

33	Photographic but not line-drawn faces show early perceptual neural sensitivity to eye gaze direction. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 185	3.3	13
32	No about face on houses in the fusiform face area!. <i>Neuron</i> , 2004 , 44, 747-8	13.9	13
31	Differential functional magnetic resonance imaging language activation in twins discordant for a left frontal tumor. <i>Journal of Child Neurology</i> , 2002 , 17, 766-9	2.5	12
30	Neurophysiological Correlates of Children's Processing of Interparental Conflict Cues. <i>Journal of Family Psychology</i> , 2015 , 29, 518-27	2.7	11
29	White matter abnormalities of microstructure and physiological noise in schizophrenia. <i>Brain Imaging and Behavior</i> , 2015 , 9, 868-77	4.1	10
28	Whole-hand sensorimotor area: cortical stimulation localization and correlation with functional magnetic resonance imaging. <i>Journal of Neurosurgery</i> , 2008 , 108, 491-500	3.2	10
27	Neuromatch Academy: Teaching Computational Neuroscience with Global Accessibility. <i>Trends in Cognitive Sciences</i> , 2021 , 25, 535-538	14	8
26	fMRI demonstrates diaschisis in the extrastriate visual cortex. <i>Stroke</i> , 2007 , 38, 2360-3	6.7	7
25	Differential effects of propofol and ketamine on critical brain dynamics. <i>PLoS Computational Biology</i> , 2020 , 16, e1008418	5	6
24	Reducing respiratory effect in motion correction for EPI images with sequential slice acquisition order. <i>Journal of Neuroscience Methods</i> , 2014 , 227, 83-9	3	5
23	Extrastriate visual cortex reorganizes despite sequential bilateral occipital stroke: implications for vision recovery. <i>Frontiers in Human Neuroscience</i> , 2015 , 9, 224	3.3	5
22	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	4.1	4
21	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI 1998 , 6, 14		4
20	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. <i>Neurobiology of Aging</i> , 2021 , 103, 78-97	5.6	3
19	New Frontiers of Investigation in Social Attention 2015 , 1-19		2
18	Neural Bases for Social Attention in Healthy Humans 2015 , 93-127		2
17	Statistical power: implications for planning MEG studies		2
16	Good Scientific Practice in MEEG Research: Progress and Perspectives.. <i>NeuroImage</i> , 2022 , 119056	7.9	2

15	Socio-emotionally significant experience and children's processing of irrelevant auditory stimuli. <i>International Journal of Psychophysiology</i> , 2017 , 112, 52-63	2.9	1
14	Somatosensory Function 2010 , 1		1
13	Neurobiological Techniques: Overview of Terms, Procedures, and Technologies 2005 , 3-28		1
12	Statistical power: Implications for planning MEG studies. <i>NeuroImage</i> , 2021 , 233, 117894	7.9	1
11	Face Recognition, Psychological and Neural Aspects 2015 , 663-666		
10	Reply to "Clinical practice guidelines or clinical research guidelines?". <i>Clinical Neurophysiology</i> , 2018 , 129, 2056-2057	4.3	
9	Cortical activities elicited by viewing mouth movements: a magnetoencephalographic study. <i>Supplements To Clinical Neurophysiology</i> , 2006 , 59, 27-34		
8	Should bad workmen always blame their tools?. <i>Neuron</i> , 2002 , 34, 6-7	13.9	
7	Functional MRI Studies of Perception, Cognition and Emotion: Studies in Normal and Diseased Brains. <i>Neuropsychology and Cognition</i> , 2003 , 131-171		
6	Neurophysiological Correlates of Face and Voice Integration 2013 , 163-178		
5	Technological advances are the scaffold for propelling science forward in social neuroscience. <i>Journal of Vision</i> , 2021 , 21, 75	0.4	
4	Differential effects of propofol and ketamine on critical brain dynamics 2020 , 16, e1008418		
3	Differential effects of propofol and ketamine on critical brain dynamics 2020 , 16, e1008418		
2	Differential effects of propofol and ketamine on critical brain dynamics 2020 , 16, e1008418		
1	Differential effects of propofol and ketamine on critical brain dynamics 2020 , 16, e1008418		