Aina Puce

List of Publications by Year
in descending order

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	Electrophysiological Studies of Face Perception in Humans. Journal of Cognitive Neuroscience, 1996, 8, 551-565.	1.1	2,690
2	Social perception from visual cues: role of the STS region. Trends in Cognitive Sciences, 2000, 4, 267-278.	4.0	2,158
3	Face-Specific Processing in the Human Fusiform Gyrus. Journal of Cognitive Neuroscience, 1997, 9, 605-610.	1.1	1,118
4	Temporal Cortex Activation in Humans Viewing Eye and Mouth Movements. Journal of Neuroscience, 1998, 18, 2188-2199.	1.7	1,005
5	Differential Sensitivity of Human Visual Cortex to Faces, Letterstrings, and Textures: A Functional Magnetic Resonance Imaging Study. Journal of Neuroscience, 1996, 16, 5205-5215.	1.7	929
6	Electrophysiological Studies of Human Face Perception. I: Potentials Generated in Occipitotemporal Cortex by Face and Non-face Stimuli. Cerebral Cortex, 1999, 9, 415-430.	1.6	786
7	Face-sensitive regions in human extrastriate cortex studied by functional MRI. Journal of Neurophysiology, 1995, 74, 1192-1199.	0.9	658
8	Electrophysiology and brain imaging of biological motion. Philosophical Transactions of the Royal Society B: Biological Sciences, 2003, 358, 435-445.	1.8	597
9	Face recognition in human extrastriate cortex. Journal of Neurophysiology, 1994, 71, 821-825.	0.9	517
10	Human Extrastriate Visual Cortex and the Perception of Faces, Words, Numbers, and Colors. Cerebral Cortex, 1994, 4, 544-554.	1.6	469
11	Neuronal oscillations and visual amplification of speech. Trends in Cognitive Sciences, 2008, 12, 106-113.	4.0	438
12	Functional magnetic resonance imaging of human prefrontal cortex activation during a spatial working memory task.. Proceedings of the National Academy of Sciences of the United States of America, 1994, 91, 8690-8694.	3.3	431
13	Activation of Human Prefrontal Cortex during Spatial and Nonspatial Working Memory Tasks Measured by Functional MRI. Cerebral Cortex, 1996, 6, 600-611.	1.6	376
14	Functional magnetic resonance imaging of sensory and motor cortex: comparison with electrophysiological localization. Journal of Neurosurgery, 1995, 83, 262-270.	0.9	292
15	Viewing the motion of human body parts activates different regions of premotor, temporal, and parietal cortex. NeuroImage, 2004, 22, 277-288.	2.1	198
16	Is the Fusiform Face Area Specialized for Faces, Individuation, or Expert Individuation?. Journal of Cognitive Neuroscience, 2004, 16, 189-203.	1.1	195
17	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. Human Brain Mapping, 1998, 6, 14-32.	1.9	187
18	Configural Processing of Biological Motion in Human Superior Temporal Sulcus. Journal of Neuroscience, 2005, 25, 9059-9066.	1.7	178

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19	The spatiotemporal dynamics of the face inversion effect: A magneto- and electro-encephalographic study. Neuroscience, 2003, 116, 879-895.	1.1	143
20	ERPS EVOKED BY VIEWING FACIAL MOVEMENTS. Cognitive Neuropsychology, 2000, 17, 221-239.	0.4	139
21	Localization of functional regions of human mesial cortex by somatosensory evoked potential recording and by cortical stimulation. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1996, 100, 126-140.	2.0	120
22	Issues and recommendations from the OHBM COBIDAS MEEG committee for reproducible EEG and MEG research. Nature Neuroscience, 2020, 23, 1473-1483.	7.1	113
23	A Review of Issues Related to Data Acquisition and Analysis in EEG/MEG Studies. Brain Sciences, 2017, 7, 58.	1.1	112
24	IFCN-endorsed practical guidelines for clinical magnetoencephalography (MEG). Clinical Neurophysiology, 2018, 129, 1720-1747.	0.7	111
25	Abnormal recruitment of working memory updating networks during maintenance of trauma-neutral information in post-traumatic stress disorder. Psychiatry Research - Neuroimaging, 2008, 163, 156-170.	0.9	105
26	Neural correlates of imagined and synaesthetic colours. Neuropsychologia, 2006, 44, 2918-2925.	0.7	103
27	The left amygdala knows fear: laterality in the amygdala response to fearful eyes. Social Cognitive and Affective Neuroscience, 2008, 3, 47-54.	1.5	101
28	The human temporal lobe integrates facial form and motion: evidence from fMRI and ERP studies. NeuroImage, 2003, 19, 861-869.	2.1	99
29	Limbic P3 potentials, seizure localization, and surgical pathology in temporal lobe epilepsy. Annals of Neurology, 1989, 26, 377-385.	2.8	94
30	Common and distinct brain activation to viewing dynamic sequences of face and hand movements. NeuroImage, 2007, 37, 966-973.	2.1	91
31	Different categories of living and non-living sound-sources activate distinct cortical networks. NeuroImage, 2009, 47, 1778-1791.	2.1	91
32	MEG-EEG Primer. , 2017, , .		88
33	Cortical hyperexcitability in progressive myoclonus epilepsy. Neurology, 1993, 43, 186-186.	1.5	85
34	Multisensory integration of drumming actions: musical expertise affects perceived audiovisual asynchrony. Experimental Brain Research, 2009, 198, 339-352.	0.7	84
35	Functional NMR imaging using fast spin echo at 1.5 T. Magnetic Resonance in Medicine, 1994, 31, 686-690.	1.9	80
36	Action expertise reduces brain activity for audiovisual matching actions: An fMRI study with expert drummers. NeuroImage, 2011, 56, 1480-1492.	2.1	80

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37	Comparison of cortical activation evoked by faces measured by intracranial field potentials and functional MRI: Two case studies. , 1997, 5, 298-305.		75
38	Category-Sensitive Excitatory and Inhibitory Processes in Human Extrastriate Cortex. Journal of Neurophysiology, 2002, 88, 2864-2868.	0.9	70
39	Comparative Assessment of Sensorimotor Function Using Functional Magnetic Resonance Imaging and Electrophysiological Methods. Journal of Clinical Neurophysiology, 1995, 12, 450-459.	0.9	69
40	VISUAL RECOGNITION MEMORY. Brain, 1991, 114, 1647-1666.	3.7	67
41	Disrupted Modular Architecture of Cerebellum in Schizophrenia: A Graph Theoretic Analysis. Schizophrenia Bulletin, 2014, 40, 1216-1226.	2.3	67
42	Nodal centrality of functional network in the differentiation of schizophrenia. Schizophrenia Research, 2015, 168, 345-352.	1.1	57
43	Occipitotemporal Activity Elicited by Viewing Eye Movements: A Magnetoencephalographic Study. NeuroImage, 2001, 13, 351-363.	2.1	54
44	Inverse Effectiveness and Multisensory Interactions in Visual Event-Related Potentials with Audiovisual Speech. Brain Topography, 2012, 25, 308-326.	0.8	51
45	Human neural responses elicited to observing the actions of others. Visual Neuroscience, 2001, 18, 401-406.	0.5	50
46	Advances in human intracranial electroencephalography research, guidelines and good practices. NeuroImage, 2022, 260, 119438.	2.1	50
47	Neural responses elicited to face motion and vocalization pairings. Neuropsychologia, 2007, 45, 93-106.	0.7	48
48	Relationship Between Touch Impairment and Brain Activation After Lesions of Subcortical and Cortical Somatosensory Regions. Neurorehabilitation and Neural Repair, 2011, 25, 443-457.	1.4	48
49	Cortical Networks Representing Object Categories and High-level Attributes of Familiar Real-world Action Sounds. Journal of Cognitive Neuroscience, 2011, 23, 2079-2101.	1.1	39
50	Social decisions affect neural activity to perceived dynamic gaze. Social Cognitive and Affective Neuroscience, 2015, 10, 1557-1567.	1.5	39
51	Post-ictal recognition memory predicts laterality of temporal lobe seizure focus: Comparison with post-operative data. Neuropsychologia, 1990, 28, 957-967.	0.7	38
52	On dissociating the neural time course of the processing of positive emotions. Neuropsychologia, 2016, 83, 123-137.	0.7	34
53	The functional magnetic resonance imaging hemodynamic response to faces remains stable until the ninth decade. NeuroImage, 2003, 20, 520-528.	2.1	33
54	Human MT/V5 activity on viewing eye gaze changes in others: A magnetoencephalographic study. Brain Research, 2006, 1092, 152-160.	1.1	33

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55	Structural Network Topology Revealed by White Matter Tractography in Cannabis Users: A Graph Theoretical Analysis. Brain Connectivity, 2011, 1, 473-483.	0.8	32
56	Neural correlates of apparent motion perception of impoverished facial stimuli: A comparison of ERP and ERSP activity. NeuroImage, 2014, 98, 442-459.	2.1	32
57	Something to sink your teeth into: The presence of teeth augments ERPs to mouth expressions. NeuroImage, 2016, 127, 227-241.	2.1	32
58	It's all in the eyes: neural responses to socially significant gaze shifts. NeuroReport, 2007, 18, 763-766.	0.6	30
59	Magnetoencephalographic study of occipitotemporal activity elicited by viewing mouth movements. Clinical Neurophysiology, 2004, 115, 1559-1574.	0.7	28
60	Audiovisual Non-Verbal Dynamic Faces Elicit Converging fMRI and ERP Responses. Brain Topography, 2009, 21, 193-206.	0.8	27
61	Differential effects of propofol and ketamine on critical brain dynamics. PLoS Computational Biology, 2020, 16, e1008418.	1.5	26
62	Multiple faces elicit augmented neural activity. Frontiers in Human Neuroscience, 2013, 7, 282.	1.0	25
63	Same Interventionâ€“Different Reorganization. Neurorehabilitation and Neural Repair, 2016, 30, 988-1000.	1.4	24
64	Comparative effects of age on limbic and scalp P3. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1989, 74, 385-393.	2.0	23
65	Scalp and Limbic P3 Eventâ€Related Potentials in the Assessment of Patients with Temporal Lobe Epilepsy. Epilepsia, 1991, 32, 629-634.	2.6	23
66	Digit representation is more than just hand waving. Cognitive Brain Research, 2004, 21, 412-417.	3.3	23
67	Sustained neural activity to gaze and emotion perception in dynamic social scenes. Social Cognitive and Affective Neuroscience, 2014, 9, 350-357.	1.5	23
68	FLUORODEOXYGLUCOSEâ€“POSITRON EMISSION TOMOGRAPHIC IMAGING FOR THE DIAGNOSIS OF MESIAL TEMPORAL LOBE EPILEPSY. Neurosurgery, 2008, 63, 1130-1138.	0.6	21
69	Regional fMRI brain activation does correlate with global brain volume. Brain Research, 2009, 1259, 17-25.	1.1	21
70	P3 latency jitter assessed using 2 techniques. I. Simulated data and surface recordings in normal subjects. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1994, 92, 352-364.	2.0	19
71	Photographic but not line-drawn faces show early perceptual neural sensitivity to eye gaze direction. Frontiers in Human Neuroscience, 2015, 9, 185.	1.0	19
72	In the Blink of an Eye: Neural Responses Elicited to Viewing the Eye Blinks of Another Individual. Frontiers in Human Neuroscience, 2011, 5, 68.	1.0	16

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73	Serial Functional Imaging Poststroke Reveals Visual Cortex Reorganization. Neurorehabilitation and Neural Repair, 2009, 23, 150-159.	1.4	15
74	Good scientific practice in EEG and MEG research: Progress and perspectives. NeuroImage, 2022, 257, 119056.	2.1	15
75	Whole-hand sensorimotor area: cortical stimulation localization and correlation with functional magnetic resonance imaging. Journal of Neurosurgery, 2008, 108, 491-500.	0.9	14
76	Neuromatch Academy: Teaching Computational Neuroscience with Global Accessibility. Trends in Cognitive Sciences, 2021, 25, 535-538.	4.0	14
77	Differential Functional Magnetic Resonance Imaging Language Activation in Twins Discordant for a Left Frontal Tumor. Journal of Child Neurology, 2002, 17, 766-769.	0.7	13
78	No About Face on Houses in the Fusiform Face Area!. Neuron, 2004, 44, 747-748.	3.8	13
79	Neurophysiological correlates of childrenâ€™s processing of interparental conflict cues.. Journal of Family Psychology, 2015, 29, 518-527.	1.0	13
80	White matter abnormalities of microstructure and physiological noise in schizophrenia. Brain Imaging and Behavior, 2015, 9, 868-877.	1.1	12
81	fMRI Demonstrates Diaschisis in the Extrastriate Visual Cortex. Stroke, 2007, 38, 2360-2363.	1.0	9
82	EEG measures for clinical research in major vascular cognitive impairment: recommendations by an expert panel. Neurobiology of Aging, 2021, 103, 78-97.	1.5	9
83	Neural Bases for Social Attention in Healthy Humans. , 2015, , 93-127.		8
84	White Matter Correlates of Cognitive Capacity Studied With Diffusion Tensor Imaging: Implications for Cognitive Reserve. Brain Imaging and Behavior, 2007, 1, 83-92.	1.1	7
85	Extrastriate visual cortex reorganizes despite sequential bilateral occipital stroke: implications for vision recovery. Frontiers in Human Neuroscience, 2015, 9, 224.	1.0	6
86	Statistical power: Implications for planning MEG studies. NeuroImage, 2021, 233, 117894.	2.1	6
87	Reducing respiratory effect in motion correction for EPI images with sequential slice acquisition order. Journal of Neuroscience Methods, 2014, 227, 83-89.	1.3	5
88	Editorial: Facing the Other: Novel Theories and Methods in Face Perception Research. Frontiers in Human Neuroscience, 2016, 10, 32.	1.0	4
89	Dissociation of mnemonic and perceptual processes during spatial and nonspatial working memory using fMRI. Human Brain Mapping, 1998, 6, 14-32.	1.9	4
90	New Frontiers of Investigation in Social Attention. , 2015, , 1-19.		3

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91	Socio-emotionally significant experience and children's processing of irrelevant auditory stimuli. International Journal of Psychophysiology, 2017, 112, 52-63.	0.5	2
92	Neurobiological Techniques: Overview of Terms, Procedures, and Technologies. , 2005, , 3-28.		1
93	Multimodal Studies Using Dynamic Faces. , 2010, , 123-140.		1
94	FMRI lateralisation of language function in children with cerebral lesions. NeuroImage, 2001, 13, 495.	2.1	0
95	Should Bad Workmen Always Blame Their Tools?. Neuron, 2002, 34, 6-7.	3.8	0
96	Chapter 4 Cortical activities elicited by viewing mouth movements: a magnetoencephalographic study. Supplements To Clinical Neurophysiology, 2006, 59, 27-34.	2.1	0
97	Mind Your Body. Neuron, 2007, 56, 198-200.	3.8	0
98	Workshop on psychology of face and gesture recognition. , 2008, , .		0
99	Perception of Nonverbal Cues. , 2013, , .		0
100	Face Recognition, Psychological and Neural Aspects. , 2015, , 663-666.		0
101	Reply to â€œClinical practice guidelines or clinical research guidelines?â€. Clinical Neurophysiology, 2018, 129, 2056-2057.	0.7	0
102	Editorial overview: The 25th Anniversary of the Human Brain Mapping Meeting. NeuroImage, 2019, 200, 704-705.	2.1	0
103	Editorial: Where the rubber meets the road in visual perception: High temporalâ€precision brain signals to topâ€down and bottomâ€up influences on perceptual resolution. European Journal of Neuroscience, 2020, 52, 4403-4410.	1.2	0
104	Technological advances are the scaffold for propelling science forward in social neuroscience. Journal of Vision, 2021, 21, 75.	0.1	0
105	Functional MRI Studies of Perception, Cognition and Emotion: Studies in Normal and Diseased Brains. Neuropsychology and Cognition, 2003, , 131-171.	0.6	0
106	Neurophysiological Correlates of Face and Voice Integration. , 2013, , 163-178.		0
107	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0
108	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0

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109	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0
110	Differential effects of propofol and ketamine on critical brain dynamics. , 2020, 16, e1008418.		0