

Josep Marco-Pallares

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2000306/publications.pdf>

Version: 2024-02-01

90
papers

5,109
citations

76196

40
h-index

98622

67
g-index

94
all docs

94
docs citations

94
times ranked

5514
citing authors

#	ARTICLE	IF	CITATIONS
1	Human oscillatory activity associated to reward processing in a gambling task. <i>Neuropsychologia</i> , 2008, 46, 241-248.	0.7	226
2	Combined ICA-LORETA analysis of mismatch negativity. <i>NeuroImage</i> , 2005, 25, 471-477.	2.1	222
3	Individual Differences in Music Reward Experiences. <i>Music Perception</i> , 2013, 31, 118-138.	0.5	213
4	Neural Reorganization Underlies Improvement in Stroke-induced Motor Dysfunction by Music-supported Therapy. <i>Annals of the New York Academy of Sciences</i> , 2009, 1169, 395-405.	1.8	190
5	Dopamine modulates the reward experiences elicited by music. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 3793-3798.	3.3	186
6	Preparatory visuo-motor cortical network of the contingent negative variation estimated by current density. <i>NeuroImage</i> , 2003, 20, 216-224.	2.1	157
7	Neural Mechanisms Underlying Adaptive Actions after Slips. <i>Journal of Cognitive Neuroscience</i> , 2008, 20, 1595-1610.	1.1	139
8	Analysis of automated methods for spatial normalization of lesioned brains. <i>NeuroImage</i> , 2012, 60, 1296-1306.	2.1	133
9	Neural correlates of specific musical anhedonia. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, E7337-E7345.	3.3	133
10	Dissociation between Musical and Monetary Reward Responses in Specific Musical Anhedonia. <i>Current Biology</i> , 2014, 24, 699-704.	1.8	132
11	On the number of trials needed for a stable feedback-related negativity. <i>Psychophysiology</i> , 2011, 48, 852-860.	1.2	129
12	The Role of Reward in Word Learning and Its Implications for Language Acquisition. <i>Current Biology</i> , 2014, 24, 2606-2611.	1.8	127
13	Time course and functional neuroanatomy of speech segmentation in adults. <i>NeuroImage</i> , 2009, 48, 541-553.	2.1	121
14	The role of beta-gamma oscillations in unexpected rewards processing. <i>NeuroImage</i> , 2012, 60, 1678-1685.	2.1	119
15	The Impact of Catechol-O-Methyltransferase and Dopamine D4 Receptor Genotypes on Neurophysiological Markers of Performance Monitoring. <i>Journal of Neuroscience</i> , 2007, 27, 14190-14198.	1.7	113
16	The role of high-frequency oscillatory activity in reward processing and learning. <i>Neuroscience and Biobehavioral Reviews</i> , 2015, 49, 1-7.	2.9	109
17	Theta EEG oscillatory activity and auditory change detection. <i>Brain Research</i> , 2008, 1220, 93-101.	1.1	108
18	Modulation of spectral power and of phase resetting of EEG contributes differentially to the generation of auditory event-related potentials. <i>NeuroImage</i> , 2006, 30, 909-916.	2.1	103

#	ARTICLE	IF	CITATIONS
19	First human trials of a dry electrophysiology sensor using a carbon nanotube array interface. <i>Sensors and Actuators A: Physical</i> , 2008, 144, 275-279.	2.0	95
20	Counteracting incentive sensitization in severe alcohol dependence using deep brain stimulation of the Nucleus accumbens: clinical and basic science aspects. <i>Frontiers in Human Neuroscience</i> , 2009, 3, 22.	1.0	90
21	Brain oscillatory activity associated with task switching and feedback processing. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2012, 12, 16-33.	1.0	90
22	Music-Supported Therapy induces plasticity in the sensorimotor cortex in chronic stroke: A single-case study using multimodal imaging (fMRI-TMS). <i>Brain Injury</i> , 2011, 25, 787-793.	0.6	87
23	A dry electrophysiology electrode using CNT arrays. <i>Sensors and Actuators A: Physical</i> , 2006, 132, 34-41.	2.0	82
24	Genetic Variability in the Dopamine System (Dopamine Receptor D4, Catechol-O-Methyltransferase) Modulates Neurophysiological Responses to Gains and Losses. <i>Biological Psychiatry</i> , 2009, 66, 154-161.	0.7	82
25	The Effects of COMT (Val108/158Met) and DRD4 (SNP -521) Dopamine Genotypes on Brain Activations Related to Valence and Magnitude of Rewards. <i>Cerebral Cortex</i> , 2010, 20, 1985-1996.	1.6	78
26	Sensorimotor Plasticity after Music-Supported Therapy in Chronic Stroke Patients Revealed by Transcranial Magnetic Stimulation. <i>PLoS ONE</i> , 2013, 8, e61883.	1.1	75
27	When decisions of others matter to me: an electrophysiological analysis. <i>BMC Neuroscience</i> , 2010, 11, 86.	0.8	67
28	Individual Differences in True and False Memory Retrieval Are Related to White Matter Brain Microstructure. <i>Journal of Neuroscience</i> , 2009, 29, 8698-8703.	1.7	64
29	Brain activations reflect individual discount rates in intertemporal choice. <i>Brain Research</i> , 2010, 1320, 123-129.	1.1	64
30	Frontal Theta Oscillatory Activity Is a Common Mechanism for the Computation of Unexpected Outcomes and Learning Rate. <i>Journal of Cognitive Neuroscience</i> , 2014, 26, 447-458.	1.1	63
31	Temporal dynamics of reward processing revealed by magnetoencephalography. <i>Human Brain Mapping</i> , 2011, 32, 2228-2240.	1.9	61
32	Beta oscillations and reward processing: Coupling oscillatory activity and hemodynamic responses. <i>NeuroImage</i> , 2015, 119, 13-19.	2.1	57
33	White Matter Microstructure Reflects Individual Differences in Music Reward Sensitivity. <i>Journal of Neuroscience</i> , 2019, 39, 5018-5027.	1.7	57
34	Intrinsic monitoring of learning success facilitates memory encoding via the activation of the SN/VTA-Hippocampal loop. <i>eLife</i> , 2016, 5, .	2.8	56
35	Electrophysiological correlates of anticipating improbable but desired events. <i>NeuroImage</i> , 2013, 78, 135-144.	2.1	54
36	Learning by doing: an fMRI study of feedback-related brain activations. <i>NeuroReport</i> , 2007, 18, 1423-1426.	0.6	53

#	ARTICLE	IF	CITATIONS
37	Nucleus accumbens is involved in human action monitoring: evidence from invasive electrophysiological recordings. <i>Frontiers in Human Neuroscience</i> , 2008, 1, 11.	1.0	52
38	Unraveling the Role of the Hippocampus in Reversal Learning. <i>Journal of Neuroscience</i> , 2017, 37, 6686-6697.	1.7	50
39	Functional neural dynamics underlying auditory event-related N1 and N1 suppression response. <i>NeuroImage</i> , 2007, 36, 522-531.	2.1	48
40	Neurophysiological differences in reward processing in anhedonics. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2013, 13, 102-115.	1.0	46
41	Feedback-related Brain Potential Activity Complies with Basic Assumptions of Associative Learning Theory. <i>Journal of Cognitive Neuroscience</i> , 2012, 24, 794-808.	1.1	43
42	Strength of Temporal White Matter Pathways Predicts Semantic Learning. <i>Journal of Neuroscience</i> , 2017, 37, 11101-11113.	1.7	43
43	The neural basis of effort valuation: A meta-analysis of functional magnetic resonance imaging studies. <i>Neuroscience and Biobehavioral Reviews</i> , 2021, 131, 1275-1287.	2.9	43
44	Location of brain rhythms and their modulation by preparatory attention estimated by current density. <i>Brain Research</i> , 2006, 1107, 151-160.	1.1	41
45	Multiple brain networks underpinning word learning from fluent speech revealed by independent component analysis. <i>NeuroImage</i> , 2015, 110, 182-193.	2.1	41
46	ENOBIO dry electrophysiology electrode; first human trial plus wireless electrode system. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007, 2007, 6690-4.	0.5	39
47	ADHD candidate gene (DRD4 exon III) affects inhibitory control in a healthy sample. <i>BMC Neuroscience</i> , 2009, 10, 150.	0.8	36
48	Intrinsically regulated learning is modulated by synaptic dopamine signaling. <i>ELife</i> , 2018, 7, .	2.8	36
49	The neural basis of impulsive discounting in pathological gamblers. <i>Brain Imaging and Behavior</i> , 2015, 9, 887-898.	1.1	35
50	Wavelet analysis of the EEG during the neurocognitive evaluation of invalidly cued targets. <i>Brain Research</i> , 2008, 1234, 94-103.	1.1	34
51	Neurophysiological markers of novelty processing are modulated by COMT and DRD4 genotypes. <i>NeuroImage</i> , 2010, 53, 962-969.	2.1	34
52	Orbitofrontal overactivation in reward processing in borderline personality disorder: the role of non-suicidal self-injury. <i>Brain Imaging and Behavior</i> , 2018, 12, 217-228.	1.1	34
53	Intertemporal choice behavior is constrained by brain structure in healthy participants and pathological gamblers. <i>Brain Structure and Function</i> , 2016, 221, 3157-3170.	1.2	33
54	Contribution of subcortical structures to cognition assessed with invasive electrophysiology in humans. <i>Frontiers in Neuroscience</i> , 2008, 2, 72-85.	1.4	32

#	ARTICLE	IF	CITATIONS
55	Negative reward expectations in Borderline Personality Disorder patients: Neurophysiological evidence. <i>Biological Psychology</i> , 2013, 94, 388-396.	1.1	30
56	The impact of visual art and emotional sounds in specific musical anhedonia. <i>Progress in Brain Research</i> , 2018, 237, 399-413.	0.9	26
57	ENOBIO - First Tests of a Dry Electrophysiology Electrode using Carbon Nanotubes. , 2006, 2006, 1826-9.		24
58	A Potential Role for a Genetic Variation of AKAP5 in Human Aggression and Anger Control. <i>Frontiers in Human Neuroscience</i> , 2011, 5, 175.	1.0	23
59	Exploring the relationship between non suicidal self-injury and borderline personality traits in young adults. <i>Psychiatry Research</i> , 2017, 256, 403-411.	1.7	21
60	Theta oscillations integrate functionally segregated sub-regions of the medial prefrontal cortex. <i>NeuroImage</i> , 2016, 143, 166-174.	2.1	20
61	Abnormalities in gray matter volume in patients with borderline personality disorder and their relation to lifetime depression: A VBM study. <i>PLoS ONE</i> , 2018, 13, e0191946.	1.1	20
62	Fronto-temporal theta phase-synchronization underlies music-evoked pleasantness. <i>NeuroImage</i> , 2020, 212, 116665.	2.1	20
63	Tracking post-error adaptation in the motor system by transcranial magnetic stimulation. <i>Neuroscience</i> , 2013, 250, 342-351.	1.1	17
64	The human globus pallidus internus is sensitive to rewards “ Evidence from intracerebral recordings. <i>Brain Stimulation</i> , 2017, 10, 657-663.	0.7	17
65	Electrophysiological underpinnings of reward processing: Are we exploiting the full potential of EEG?. <i>NeuroImage</i> , 2021, 242, 118478.	2.1	16
66	Neural predictors of cognitive-behavior therapy outcome in anxiety-related disorders: a meta-analysis of task-based fMRI studies. <i>Psychological Medicine</i> , 2023, 53, 3387-3395.	2.7	16
67	Preserved Error-Monitoring in Borderline Personality Disorder Patients with and without Non-Suicidal Self-Injury Behaviors. <i>PLoS ONE</i> , 2015, 10, e0143994.	1.1	15
68	Human oscillatory activity in near-miss events. <i>Social Cognitive and Affective Neuroscience</i> , 2015, 10, 1405-1412.	1.5	14
69	Evidence for default mode network dysfunction in borderline personality disorder. <i>Psychological Medicine</i> , 2020, 50, 1746-1754.	2.7	13
70	Overactivation of the supplementary motor area in chronic stroke patients. <i>Journal of Neurophysiology</i> , 2014, 112, 2251-2263.	0.9	12
71	The contribution of striatal pseudo-reward prediction errors to value-based decision-making. <i>NeuroImage</i> , 2019, 193, 67-74.	2.1	12
72	French validation of the Barcelona Music Reward Questionnaire. <i>PeerJ</i> , 2016, 4, e1760.	0.9	12

#	ARTICLE	IF	CITATIONS
73	Mismatch negativity impairment associated with alcohol consumption in chronic alcoholics: A scalp current density study. <i>International Journal of Psychophysiology</i> , 2007, 65, 51-57.	0.5	11
74	Gossip information increases reward-related oscillatory activity. <i>NeuroImage</i> , 2020, 210, 116520.	2.1	11
75	ERP evidence of adaptive changes in error processing and attentional control during rhythm synchronization learning. <i>NeuroImage</i> , 2014, 100, 460-470.	2.1	10
76	Atypical language organization in temporal lobe epilepsy revealed by a passive semantic paradigm. <i>BMC Neurology</i> , 2014, 14, 98.	0.8	10
77	Language statistical learning responds to reinforcement learning principles rooted in the striatum. <i>PLoS Biology</i> , 2021, 19, e3001119.	2.6	10
78	Testing the reinforcement sensitivity theory in borderline personality disorder compared with major depression and healthy controls. <i>Personality and Individual Differences</i> , 2014, 61-62, 43-46.	1.6	8
79	Complex networks in brain electrical activity. <i>Europhysics Letters</i> , 2007, 79, 38004.	0.7	7
80	Human hypothalamus shows differential responses to basic motivational stimuli—an invasive electrophysiology study. <i>Neuroscience</i> , 2011, 189, 330-336.	1.1	7
81	Different theta connectivity patterns underlie pleasantness evoked by familiar and unfamiliar music. <i>Scientific Reports</i> , 2021, 11, 18523.	1.6	7
82	Impaired theta phase-resetting underlying auditory N1 suppression in chronic alcoholism. <i>NeuroReport</i> , 2009, 20, 337-342.	0.6	6
83	Common $N > 1$ and mismatch negativity neural evoked components are revealed by independent component model-based clustering analysis. <i>Psychophysiology</i> , 2012, 49, 1622-1631.	1.2	6
84	Linking motor-related brain potentials and velocity profiles in multi-joint arm reaching movements. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 271.	1.0	6
85	Metacognition of daily self-regulation processes and personality traits in borderline personality disorder. <i>Journal of Affective Disorders</i> , 2020, 267, 243-250.	2.0	5
86	Beta-oscillations in the posterior hypothalamus are associated with spontaneous cluster headache attack. <i>Journal of Neurology</i> , 2010, 257, 1743-1744.	1.8	4
87	The Quartet does not play alone. <i>Physics of Life Reviews</i> , 2015, 13, 71-72.	1.5	4
88	Brain oscillatory activity of skill and chance gamblers during a slot machine game. <i>Cognitive, Affective and Behavioral Neuroscience</i> , 2019, 19, 1509-1520.	1.0	4
89	Neurophysiological correlates of purchase decision-making. <i>Biological Psychology</i> , 2021, 161, 108060.	1.1	2
90	Does It Look Good or Evil? Children's Recognition of Moral Identities in Illustrations of Characters in Stories. <i>Frontiers in Psychology</i> , 2021, 12, 552387.	1.1	1