

Wael Deredy El-Deredy

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7095723/publications.pdf>

Version: 2024-02-01

105
papers

3,915
citations

136740

32
h-index

155451

55
g-index

114
all docs

114
docs citations

114
times ranked

4896
citing authors

#	ARTICLE	IF	CITATIONS
1	Dopamine Transmission in the Human Striatum during Monetary Reward Tasks. <i>Journal of Neuroscience</i> , 2004, 24, 4105-4112.	1.7	210
2	Arthritic pain is processed in brain areas concerned with emotions and fear. <i>Arthritis and Rheumatism</i> , 2007, 56, 1345-1354.	6.7	189
3	The Feedback-Related Negativity Signals Saliency Prediction Errors, Not Reward Prediction Errors. <i>Journal of Neuroscience</i> , 2013, 33, 8264-8269.	1.7	177
4	Modulation of pain ratings by expectation and uncertainty: Behavioral characteristics and anticipatory neural correlates. <i>Pain</i> , 2008, 135, 240-250.	2.0	173
5	Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. <i>Pain</i> , 2009, 145, 24-30.	2.0	148
6	Reproducibility of placebo analgesia: Effect of dispositional optimism. <i>Pain</i> , 2009, 146, 194-198.	2.0	147
7	Bayesian inferences about the self (and others): A review. <i>Consciousness and Cognition</i> , 2014, 25, 67-76.	0.8	132
8	Bayesian modelling of Jumping-to-Conclusions bias in delusional patients. <i>Cognitive Neuropsychiatry</i> , 2011, 16, 422-447.	0.7	115
9	I Want It Now! Neural Correlates of Hypersensitivity to Immediate Reward in Hypomania. <i>Biological Psychiatry</i> , 2012, 71, 530-537.	0.7	106
10	Pattern recognition approaches in biomedical and clinical magnetic resonance spectroscopy: a review. <i>Magnetic Resonance in Medicine</i> , 1997, 10, 99-124.		83
11	The value of personalised recommender systems to e-business. <i>Journal of Management Information Systems</i> , 2008, 25, 1-15.		80
12	Cued Memory Reactivation during Slow-Wave Sleep Promotes Explicit Knowledge of a Motor Sequence. <i>Journal of Neuroscience</i> , 2014, 34, 15870-15876.	1.7	80
13	Decision-making and trait impulsivity in bipolar disorder are associated with reduced prefrontal regulation of striatal reward valuation. <i>Brain</i> , 2014, 137, 2346-2355.	3.7	77
14	fMRI evidence of a relationship between hypomania and both increased goal-sensitivity and positive outcome-expectancy bias. <i>Neuropsychologia</i> , 2011, 49, 2825-2835.	0.7	76
15	Cued Reactivation of Motor Learning during Sleep Leads to Overnight Changes in Functional Brain Activity and Connectivity. <i>PLoS Biology</i> , 2016, 14, e1002451.	2.6	74
16	Placebo analgesia is not due to compliance or habituation: EEG and behavioural evidence. <i>NeuroReport</i> , 2007, 18, 771-775.	0.6	72
17	Confidence in beliefs about pain predicts expectancy effects on pain perception and anticipatory processing in right anterior insula. <i>Pain</i> , 2008, 139, 324-332.	2.0	69
18	Pre-stimulus alpha oscillations over somatosensory cortex predict tactile misperceptions. <i>Neuropsychologia</i> , 2017, 96, 9-18.	0.7	67

#	ARTICLE	IF	CITATIONS
19	Tumour grading from magnetic resonance spectroscopy: a comparison of feature extraction with variable selection. <i>Statistics in Medicine</i> , 2003, 22, 147-164.	0.8	65
20	When the brain expects pain: common neural responses to pain anticipation are related to clinical pain and distress in fibromyalgia and osteoarthritis. <i>European Journal of Neuroscience</i> , 2014, 39, 663-672.	1.2	61
21	Visual information processing deficits as biomarkers of vulnerability to schizophrenia: An event-related potential study in schizotypy. <i>Neuropsychologia</i> , 2010, 48, 2205-2214.	0.7	54
22	The Functional Role of Neural Oscillations in Non-Verbal Emotional Communication. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 239.	1.0	54
23	A Systematic Review of Efficacy of the Attention Training Technique in Clinical and Nonclinical Samples. <i>Journal of Clinical Psychology</i> , 2016, 72, 999-1025.	1.0	54
24	Identification of memory reactivation during sleep by EEG classification. <i>NeuroImage</i> , 2018, 176, 203-214.	2.1	50
25	Cognitive changes as a result of a single exposure to placebo. <i>Neuropsychologia</i> , 2010, 48, 1958-1964.	0.7	47
26	Dissociating nociceptive modulation by the duration of pain anticipation from unpredictability in the timing of pain. <i>Clinical Neurophysiology</i> , 2008, 119, 2870-2878.	0.7	45
27	Attentional Bias Predicts Increased Reward Salience and Risk Taking in Bipolar Disorder. <i>Biological Psychiatry</i> , 2016, 79, 311-319.	0.7	44
28	Financial time series prediction using polynomial pipelined neural networks. <i>Expert Systems With Applications</i> , 2008, 35, 1186-1199.	4.4	43
29	Placebo analgesia as a case of a cognitive style driven by prior expectation. <i>Brain Research</i> , 2010, 1359, 137-141.	1.1	41
30	Grocery shopping recommendations based on basket-sensitive random walk. , 2009, , .		40
31	Why contextual preference reversals maximize expected value.. <i>Psychological Review</i> , 2016, 123, 368-391.	2.7	40
32	A formal model of interpersonal inference. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 160.	1.0	39
33	Cortical Resonance Frequencies Emerge from Network Size and Connectivity. <i>PLoS Computational Biology</i> , 2016, 12, e1004740.	1.5	39
34	Categories of placebo response in the absence of site-specific expectation of analgesia. <i>Pain</i> , 2006, 126, 115-122.	2.0	37
35	Attentional modulation of visual-evoked potentials by threat: Investigating the effect of evolutionary relevance. <i>Brain and Cognition</i> , 2010, 74, 281-287.	0.8	36
36	Exploring event-related brain dynamics with tests on complex valued time-frequency representations. <i>Statistics in Medicine</i> , 2008, 27, 2922-2947.	0.8	34

#	ARTICLE	IF	CITATIONS
37	Experimental Placebo Analgesia Changes Resting-State Alpha Oscillations. PLoS ONE, 2013, 8, e78278.	1.1	34
38	Striatal opioid receptor availability is related to acute and chronic pain perception in arthritis. Pain, 2015, 156, 2267-2275.	2.0	34
39	Application of Self-Organizing Maps in Conformational Analysis of Lipids. Journal of the American Chemical Society, 2001, 123, 810-816.	6.6	33
40	Cortical auditory evoked potentials as an objective measure of behavioral thresholds in cochlear implant users. Hearing Research, 2015, 327, 35-42.	0.9	31
41	Improving EEG Muscle Artifact Removal With an EMG Array. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 815-824.	2.4	31
42	Better Than I Thought: Positive Evaluation Bias in Hypomania. PLoS ONE, 2012, 7, e47754.	1.1	31
43	Reconstructing Coherent Networks from Electroencephalography and Magnetoencephalography with Reduced Contamination from Volume Conduction or Magnetic Field Spread. PLoS ONE, 2013, 8, e81553.	1.1	29
44	Assessment of statistical and neural networks methods in NMR spectral classification and metabolite selection. , 1998, 11, 225-234.		27
45	Evidence for multiple mechanisms of cortical plasticity: A study of humans with late-onset profound unilateral deafness. Clinical Neurophysiology, 2013, 124, 1414-1421.	0.7	27
46	Expecting yoghurt drinks to taste sweet or pleasant increases liking. Appetite, 2011, 56, 122-127.	1.8	26
47	Brain Stem Responses Evoked by Stimulation of the Mature Cochlear Nucleus With an Auditory Brain Stem Implant. Ear and Hearing, 2011, 32, 286-299.	1.0	26
48	The future is risky: Discounting of delayed and uncertain outcomes. Behavioural Processes, 2013, 94, 9-18.	0.5	26
49	Old-new ERP effects and remote memories: the late parietal effect is absent as recollection fails whereas the early mid-frontal effect persists as familiarity is retained. Frontiers in Human Neuroscience, 2015, 9, 532.	1.0	26
50	Selective smoothing of the generative topographic mapping. IEEE Transactions on Neural Networks, 2003, 14, 847-852.	4.8	25
51	Selective modulation of nociceptive processing due to noise distraction. Pain, 2008, 138, 630-640.	2.0	25
52	Tracking visible and occluded targets: Changes in event related potentials during motion extrapolation. Neuropsychologia, 2009, 47, 1128-1137.	0.7	25
53	Placebo analgesia: cognitive influences on therapeutic outcome. Arthritis Research and Therapy, 2012, 14, 206.	1.6	24
54	Persistence of EEG Alpha Entrainment Depends on Stimulus Phase at Offset. Frontiers in Human Neuroscience, 2020, 14, 139.	1.0	24

#	ARTICLE	IF	CITATIONS
55	Effects of energy conditioning on food preferences and choice. <i>Appetite</i> , 2011, 57, 45-49.	1.8	23
56	Source analysis reveals plasticity in the auditory cortex: Evidence for reduced hemispheric asymmetries following unilateral deafness. <i>Clinical Neurophysiology</i> , 2013, 124, 391-399.	0.7	23
57	A switching multi-scale dynamical network model of EEG/MEG. <i>NeuroImage</i> , 2013, 83, 262-287.	2.1	23
58	The Effect of Expected Value on Attraction Effect Preference Reversals. <i>Journal of Behavioral Decision Making</i> , 2017, 30, 785-793.	1.0	23
59	Abnormal neural oscillations in schizotypy during a visual working memory task: Support for a deficient top-down network?. <i>Neuropsychologia</i> , 2011, 49, 2866-2873.	0.7	22
60	Covert Tracking: A Combined ERP and Fixational Eye Movement Study. <i>PLoS ONE</i> , 2012, 7, e38479.	1.1	22
61	Firing patterns of pallidal cells in Parkinsonian patients correlate with their pre-pallidotomy clinical scores. <i>NeuroReport</i> , 2000, 11, 3413-3418.	0.6	21
62	Delay discounting as emotional processing: An electrophysiological study. <i>Cognition and Emotion</i> , 2012, 26, 1459-1474.	1.2	21
63	Brain Stem Responses Evoked by Stimulation With an Auditory Brain Stem Implant in Children With Cochlear Nerve Aplasia or Hypoplasia. <i>Ear and Hearing</i> , 2011, 32, 300-312.	1.0	20
64	Evidence for the role of cognitive resources in flavour–flavour evaluative conditioning. <i>Quarterly Journal of Experimental Psychology</i> , 2012, 65, 2297-2308.	0.6	20
65	A probabilistic model for item-based recommender systems. , 2007, , .		17
66	Reward responsiveness in psychosis-prone groups: Hypomania and negative schizotypy. <i>Personality and Individual Differences</i> , 2009, 47, 452-456.	1.6	17
67	Conditioning unfamiliar and familiar flavours to specific positive emotions. <i>Food Quality and Preference</i> , 2010, 21, 1105-1107.	2.3	17
68	Core dysfunction in schizophrenia: electrophysiology trait biomarkers. <i>Acta Psychiatrica Scandinavica</i> , 2012, 126, 59-71.	2.2	17
69	Evidence for frequency-dependent cortical plasticity in the human brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 8871-8876.	3.3	17
70	New visual information processing abnormality biomarkers for the diagnosis of schizophrenia. <i>Expert Opinion on Medical Diagnostics</i> , 2011, 5, 357-368.	1.6	14
71	Cortical ignition dynamics is tightly linked to the core organisation of the human connectome. <i>PLoS Computational Biology</i> , 2020, 16, e1007686.	1.5	14
72	An ERP investigation of conditional reasoning with emotional and neutral contents. <i>Brain and Cognition</i> , 2014, 91, 45-53.	0.8	13

#	ARTICLE	IF	CITATIONS
73	When Believing is Seeing: The Role of Predictions in Shaping Visual Perception. Quarterly Journal of Experimental Psychology, 2011, 64, 1743-1771.	0.6	12
74	Electrically evoked compound action potential artifact rejection by independent component analysis: Technique validation. Hearing Research, 2013, 302, 60-73.	0.9	10
75	The clash of expectancies: Does the P300 amplitude reflect both passive and active expectations?. Quarterly Journal of Experimental Psychology, 2015, 68, 1723-1734.	0.6	9
76	Limbic-visual attenuation to crying faces underlies neglectful mothering. Scientific Reports, 2019, 9, 6373.	1.6	9
77	Individuals with chronic pain have the same response to placebo analgesia as healthy controls in terms of magnitude and reproducibility. Pain, 2020, 161, 2720-2730.	2.0	9
78	A re-examination of "bias" in human randomness perception.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 663-680.	0.7	9
79	Conditioning specific positive states to unfamiliar flavours influences flavour liking. Food Quality and Preference, 2011, 22, 397-403.	2.3	8
80	Effects of Acute Ketamine Infusion on Visual Working Memory: Event-Related Potentials. Biological Psychiatry: Cognitive Neuroscience and Neuroimaging, 2017, 2, 253-262.	1.1	8
81	A Method for Tracking the Time Evolution of Steady-State Evoked Potentials. Journal of Visualized Experiments, 2019, , .	0.2	8
82	Changes in neural complexity of the EEG during a visual oddball task. Clinical Neurophysiology, 2005, 116, 151-159.	0.7	7
83	Coherent illusory contours reduce microsaccade frequency. Neuropsychologia, 2011, 49, 2798-2801.	0.7	7
84	Feeling Bad and Looking Worse: Negative Affect Is Associated with Reduced Perceptions of Face-Healthiness. PLoS ONE, 2014, 9, e107912.	1.1	7
85	GABA Modulates Frequency-Dependent Plasticity in Humans. IScience, 2020, 23, 101657.	1.9	7
86	Electrode Selection and Speech Understanding in Patients With Auditory Brainstem Implants. Ear and Hearing, 2015, 36, 454-463.	1.0	6
87	Transcranial alternating current stimulation at 10 Hz modulates response bias in the Somatic Signal Detection Task. International Journal of Psychophysiology, 2019, 135, 106-112.	0.5	6
88	Removal of eye movement artefacts from single channel recordings of retinal evoked potentials using synchronous dynamical embedding and independent component analysis. Medical and Biological Engineering and Computing, 2007, 45, 69-77.	1.6	4
89	Optimism Facilitates the Utilisation of Prior Cues. European Journal of Personality, 2011, 25, 424-430.	1.9	4
90	An Empirical Study of Defensive Avoidance in Paranoia. Behavioural and Cognitive Psychotherapy, 2015, 43, 182-199.	0.9	4

#	ARTICLE	IF	CITATIONS
91	Differential Phonological and Semantic Modulation of Neurophysiological Responses to Visual Word Recognition. <i>Neuropsychobiology</i> , 2015, 72, 46-56.	0.9	4
92	Modelling neural entrainment and its persistence: influence of frequency of stimulation and phase at the stimulus onset. <i>Biomedical Physics and Engineering Express</i> , 2022, , .	0.6	4
93	Role of central neurophysiological systems in placebo analgesia and their relationships with cognitive processes mediating placebo responding. <i>Future Neurology</i> , 2011, 6, 389-398.	0.9	3
94	Awareness changes placebo effects for feeling relaxed, but not for liking. <i>Journal of Marketing Communications</i> , 2012, 18, 379-396.	2.7	3
95	Placebo Analgesia: Cognition or Perception. <i>Handbook of Experimental Pharmacology</i> , 2014, 225, 71-80.	0.9	3
96	Electrically evoked compound action potentials artefact rejection by independent component analysis: Procedure automation. <i>Journal of Neuroscience Methods</i> , 2015, 239, 85-93.	1.3	2
97	Movement discrimination by single cells in the human pallidum characterised by hidden Markov models. <i>Experimental Brain Research</i> , 2001, 137, 117-121.	0.7	1
98	Misperceptions are the price for facilitation in object recognition. <i>Journal of Cognitive Psychology</i> , 2011, 23, 641-649.	0.4	1
99	The behavioural assessment of savouring in schizotypal anhedonia: The Verbal Fluency Test of Enjoyable Experiences (VFTEE). <i>Personality and Individual Differences</i> , 2014, 70, 145-149.	1.6	1
100	I feel bad and look worse than you: Social comparisons moderate the effect of mood on face health judgement. <i>Acta Psychologica</i> , 2016, 168, 12-19.	0.7	1
101	How does EEG Contribute to Our Understanding of the Placebo Response?. , 2013, , 37-43.		1
102	Characterization of Brain Tissue from MR Spectra for Tumor Discrimination. , 2002, , 569-588.		1
103	Altered Pain Processing Associated with Administration of Dopamine Agonist and Antagonist in Healthy Volunteers. <i>Brain Sciences</i> , 2022, 12, 351.	1.1	1
104	Payoff Changes Sensitivity by Modulating the Processing Style. <i>Perception</i> , 2012, 41, 623-625.	0.5	0
105	Symposium Title: Frequency Dependent Neural Entrainment: From Mechanisms to Applications. <i>International Journal of Psychophysiology</i> , 2021, 168, S55.	0.5	0