

Wael Deredy El-Deredy

List of Publications by Year in descending order

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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 | Modelling neural entrainment and its persistence: influence of frequency of stimulation and phase at the stimulus offset. Biomedical Physics and Engineering Express, 2022, , . | 0.6 | 4 |
| 2 | Altered Pain Processing Associated with Administration of Dopamine Agonist and Antagonist in Healthy Volunteers. Brain Sciences, 2022, 12, 351. | 1.1 | 1 |
| 3 | Symposium Title: Frequency Dependent Neural Entrainment: From Mechanisms to Applications. International Journal of Psychophysiology, 2021, 168, S55. | 0.5 | 0 |
| 4 | Improving EEG Muscle Artifact Removal With an EMG Array. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 815-824. | 2.4 | 31 |
| 5 | GABA Modulates Frequency-Dependent Plasticity in Humans. IScience, 2020, 23, 101657. | 1.9 | 7 |
| 6 | Cortical ignition dynamics is tightly linked to the core organisation of the human connectome. PLoS Computational Biology, 2020, 16, e1007686. | 1.5 | 14 |
| 7 | 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 |
| 8 | Persistence of EEG Alpha Entrainment Depends on Stimulus Phase at Offset. Frontiers in Human Neuroscience, 2020, 14, 139. | 1.0 | 24 |
| 9 | A Method for Tracking the Time Evolution of Steady-State Evoked Potentials. Journal of Visualized Experiments, 2019, , . | 0.2 | 8 |
| 10 | Limbic-visual attenuation to crying faces underlies neglectful mothering. Scientific Reports, 2019, 9, 6373. | 1.6 | 9 |
| 11 | Transcranial alternating current stimulation at 10â€”Hz modulates response bias in the Somatic Signal Detection Task. International Journal of Psychophysiology, 2019, 135, 106-112. | 0.5 | 6 |
| 12 | Identification of memory reactivation during sleep by EEG classification. NeuroImage, 2018, 176, 203-214. | 2.1 | 50 |
| 13 | A re-examination of "bias" in human randomness perception.. Journal of Experimental Psychology: Human Perception and Performance, 2018, 44, 663-680. | 0.7 | 9 |
| 14 | Pre-stimulus alpha oscillations over somatosensory cortex predict tactile misperceptions. Neuropsychologia, 2017, 96, 9-18. | 0.7 | 67 |
| 15 | The Effect of Expected Value on Attraction Effect Preference Reversals. Journal of Behavioral Decision Making, 2017, 30, 785-793. | 1.0 | 23 |
| 16 | Evidence for frequency-dependent cortical plasticity in the human brain. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 8871-8876. | 3.3 | 17 |
| 17 | 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 |
| 18 | The Functional Role of Neural Oscillations in Non-Verbal Emotional Communication. Frontiers in Human Neuroscience, 2016, 10, 239. | 1.0 | 54 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | 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 |
| 21 | 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 |
| 22 | Why contextual preference reversals maximize expected value.. <i>Psychological Review</i> , 2016, 123, 368-391. | 2.7 | 40 |
| 23 | Attentional Bias Predicts Increased Reward Salience and Risk Taking in Bipolar Disorder. <i>Biological Psychiatry</i> , 2016, 79, 311-319. | 0.7 | 44 |
| 24 | Cortical Resonance Frequencies Emerge from Network Size and Connectivity. <i>PLoS Computational Biology</i> , 2016, 12, e1004740. | 1.5 | 39 |
| 25 | Electrode Selection and Speech Understanding in Patients With Auditory Brainstem Implants. <i>Ear and Hearing</i> , 2015, 36, 454-463. | 1.0 | 6 |
| 26 | Striatal opioid receptor availability is related to acute and chronic pain perception in arthritis. <i>Pain</i> , 2015, 156, 2267-2275. | 2.0 | 34 |
| 27 | 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. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 532. | 1.0 | 26 |
| 28 | Cortical auditory evoked potentials as an objective measure of behavioral thresholds in cochlear implant users. <i>Hearing Research</i> , 2015, 327, 35-42. | 0.9 | 31 |
| 29 | An Empirical Study of Defensive Avoidance in Paranoia. <i>Behavioural and Cognitive Psychotherapy</i> , 2015, 43, 182-199. | 0.9 | 4 |
| 30 | The clash of expectancies: Does the P300 amplitude reflect both passive and active expectations?. <i>Quarterly Journal of Experimental Psychology</i> , 2015, 68, 1723-1734. | 0.6 | 9 |
| 31 | Differential Phonological and Semantic Modulation of Neurophysiological Responses to Visual Word Recognition. <i>Neuropsychobiology</i> , 2015, 72, 46-56. | 0.9 | 4 |
| 32 | 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 |
| 33 | Feeling Bad and Looking Worse: Negative Affect Is Associated with Reduced Perceptions of Face-Healthiness. <i>PLoS ONE</i> , 2014, 9, e107912. | 1.1 | 7 |
| 34 | A formal model of interpersonal inference. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 160. | 1.0 | 39 |
| 35 | 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 |
| 36 | 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 |

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|----|--|-----|-----------|
| 37 | 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 |
| 38 | 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 |
| 39 | An ERP investigation of conditional reasoning with emotional and neutral contents. <i>Brain and Cognition</i> , 2014, 91, 45-53. | 0.8 | 13 |
| 40 | Bayesian inferences about the self (and others): A review. <i>Consciousness and Cognition</i> , 2014, 25, 67-76. | 0.8 | 132 |
| 41 | Placebo Analgesia: Cognition or Perception. <i>Handbook of Experimental Pharmacology</i> , 2014, 225, 71-80. | 0.9 | 3 |
| 42 | Electrically evoked compound action potential artifact rejection by independent component analysis: Technique validation. <i>Hearing Research</i> , 2013, 302, 60-73. | 0.9 | 10 |
| 43 | The future is risky: Discounting of delayed and uncertain outcomes. <i>Behavioural Processes</i> , 2013, 94, 9-18. | 0.5 | 26 |
| 44 | Evidence for multiple mechanisms of cortical plasticity: A study of humans with late-onset profound unilateral deafness. <i>Clinical Neurophysiology</i> , 2013, 124, 1414-1421. | 0.7 | 27 |
| 45 | 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 |
| 46 | The Feedback-Related Negativity Signals Salience Prediction Errors, Not Reward Prediction Errors. <i>Journal of Neuroscience</i> , 2013, 33, 8264-8269. | 1.7 | 177 |
| 47 | A switching multi-scale dynamical network model of EEG/MEG. <i>NeuroImage</i> , 2013, 83, 262-287. | 2.1 | 23 |
| 48 | Experimental Placebo Analgesia Changes Resting-State Alpha Oscillations. <i>PLoS ONE</i> , 2013, 8, e78278. | 1.1 | 34 |
| 49 | How does EEG Contribute to Our Understanding of the Placebo Response?. , 2013, , 37-43. | | 1 |
| 50 | Reconstructing Coherent Networks from Electroencephalography and Magnetoencephalography with Reduced Contamination from Volume Conduction or Magnetic Field Spread. <i>PLoS ONE</i> , 2013, 8, e81553. | 1.1 | 29 |
| 51 | 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 |
| 52 | Delay discounting as emotional processing: An electrophysiological study. <i>Cognition and Emotion</i> , 2012, 26, 1459-1474. | 1.2 | 21 |
| 53 | Payoff Changes Sensitivity by Modulating the Processing Style. <i>Perception</i> , 2012, 41, 623-625. | 0.5 | 0 |
| 54 | Placebo analgesia: cognitive influences on therapeutic outcome. <i>Arthritis Research and Therapy</i> , 2012, 14, 206. | 1.6 | 24 |

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|----|--|-----|-----------|
| 55 | Awareness changes placebo effects for feeling relaxed, but not for liking. <i>Journal of Marketing Communications</i> , 2012, 18, 379-396. | 2.7 | 3 |
| 56 | I Want It Now! Neural Correlates of Hypersensitivity to Immediate Reward in Hypomania. <i>Biological Psychiatry</i> , 2012, 71, 530-537. | 0.7 | 106 |
| 57 | Core dysfunction in schizophrenia: electrophysiology trait biomarkers. <i>Acta Psychiatrica Scandinavica</i> , 2012, 126, 59-71. | 2.2 | 17 |
| 58 | Covert Tracking: A Combined ERP and Fixational Eye Movement Study. <i>PLoS ONE</i> , 2012, 7, e38479. | 1.1 | 22 |
| 59 | Better Than I Thought: Positive Evaluation Bias in Hypomania. <i>PLoS ONE</i> , 2012, 7, e47754. | 1.1 | 31 |
| 60 | Expecting yoghurt drinks to taste sweet or pleasant increases liking. <i>Appetite</i> , 2011, 56, 122-127. | 1.8 | 26 |
| 61 | Effects of energy conditioning on food preferences and choice. <i>Appetite</i> , 2011, 57, 45-49. | 1.8 | 23 |
| 62 | Conditioning specific positive states to unfamiliar flavours influences flavour liking. <i>Food Quality and Preference</i> , 2011, 22, 397-403. | 2.3 | 8 |
| 63 | Brain Stem Responses Evoked by Stimulation of the Mature Cochlear Nucleus With an Auditory Brain Stem Implant. <i>Ear and Hearing</i> , 2011, 32, 286-299. | 1.0 | 26 |
| 64 | 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 |
| 65 | Coherent illusory contours reduce microsaccade frequency. <i>Neuropsychologia</i> , 2011, 49, 2798-2801. | 0.7 | 7 |
| 66 | 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 |
| 67 | 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 |
| 68 | Optimism Facilitates the Utilisation of Prior Cues. <i>European Journal of Personality</i> , 2011, 25, 424-430. | 1.9 | 4 |
| 69 | 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 |
| 70 | Bayesian modelling of Jumping-to-Conclusions bias in delusional patients. <i>Cognitive Neuropsychiatry</i> , 2011, 16, 422-447. | 0.7 | 115 |
| 71 | 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 |
| 72 | Misperceptions are the price for facilitation in object recognition. <i>Journal of Cognitive Psychology</i> , 2011, 23, 641-649. | 0.4 | 1 |

| # | 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 | Cognitive changes as a result of a single exposure to placebo. Neuropsychologia, 2010, 48, 1958-1964. | 0.7 | 47 |
| 75 | Visual information processing deficits as biomarkers of vulnerability to schizophrenia: An event-related potential study in schizotypy. Neuropsychologia, 2010, 48, 2205-2214. | 0.7 | 54 |
| 76 | Placebo analgesia as a case of a cognitive style driven by prior expectation. Brain Research, 2010, 1359, 137-141. | 1.1 | 41 |
| 77 | Conditioning unfamiliar and familiar flavours to specific positive emotions. Food Quality and Preference, 2010, 21, 1105-1107. | 2.3 | 17 |
| 78 | Attentional modulation of visual-evoked potentials by threat: Investigating the effect of evolutionary relevance. Brain and Cognition, 2010, 74, 281-287. | 0.8 | 36 |
| 79 | Grocery shopping recommendations based on basket-sensitive random walk. , 2009, , . | | 40 |
| 80 | Tracking visible and occluded targets: Changes in event related potentials during motion extrapolation. Neuropsychologia, 2009, 47, 1128-1137. | 0.7 | 25 |
| 81 | Reward responsiveness in psychosis-prone groups: Hypomania and negative schizotypy. Personality and Individual Differences, 2009, 47, 452-456. | 1.6 | 17 |
| 82 | Placebo conditioning and placebo analgesia modulate a common brain network during pain anticipation and perception. Pain, 2009, 145, 24-30. | 2.0 | 148 |
| 83 | Reproducibility of placebo analgesia: Effect of dispositional optimism. Pain, 2009, 146, 194-198. | 2.0 | 147 |
| 84 | Exploring event-related brain dynamics with tests on complex valued time-frequency representations. Statistics in Medicine, 2008, 27, 2922-2947. | 0.8 | 34 |
| 85 | Financial time series prediction using polynomial pipelined neural networks. Expert Systems With Applications, 2008, 35, 1186-1199. | 4.4 | 43 |
| 86 | Dissociating nociceptive modulation by the duration of pain anticipation from unpredictability in the timing of pain. Clinical Neurophysiology, 2008, 119, 2870-2878. | 0.7 | 45 |
| 87 | The value of personalised recommender systems to e-business. , 2008, , . | | 80 |
| 88 | Modulation of pain ratings by expectation and uncertainty: Behavioral characteristics and anticipatory neural correlates. Pain, 2008, 135, 240-250. | 2.0 | 173 |
| 89 | Selective modulation of nociceptive processing due to noise distraction. Pain, 2008, 138, 630-640. | 2.0 | 25 |
| 90 | Confidence in beliefs about pain predicts expectancy effects on pain perception and anticipatory processing in right anterior insula. Pain, 2008, 139, 324-332. | 2.0 | 69 |

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|-----|--|-----|-----------|
| 91 | A probabilistic model for item-based recommender systems. , 2007, , . | | 17 |
| 92 | Placebo analgesia is not due to compliance or habituation: EEG and behavioural evidence. NeuroReport, 2007, 18, 771-775. | 0.6 | 72 |
| 93 | Arthritic pain is processed in brain areas concerned with emotions and fear. Arthritis and Rheumatism, 2007, 56, 1345-1354. | 6.7 | 189 |
| 94 | 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 |
| 95 | Categories of placebo response in the absence of site-specific expectation of analgesia. Pain, 2006, 126, 115-122. | 2.0 | 37 |
| 96 | Changes in neural complexity of the EEG during a visual oddball task. Clinical Neurophysiology, 2005, 116, 151-159. | 0.7 | 7 |
| 97 | Dopamine Transmission in the Human Striatum during Monetary Reward Tasks. Journal of Neuroscience, 2004, 24, 4105-4112. | 1.7 | 210 |
| 98 | Tumour grading from magnetic resonance spectroscopy: a comparison of feature extraction with variable selection. Statistics in Medicine, 2003, 22, 147-164. | 0.8 | 65 |
| 99 | Selective smoothing of the generative topographic mapping. IEEE Transactions on Neural Networks, 2003, 14, 847-852. | 4.8 | 25 |
| 100 | Characterization of Brain Tissue from MR Spectra for Tumor Discrimination. , 2002, , 569-588. | | 1 |
| 101 | Application of Self-Organizing Maps in Conformational Analysis of Lipids. Journal of the American Chemical Society, 2001, 123, 810-816. | 6.6 | 33 |
| 102 | Movement discrimination by single cells in the human pallidum characterised by hidden Markov models. Experimental Brain Research, 2001, 137, 117-121. | 0.7 | 1 |
| 103 | Firing patterns of pallidal cells in Parkinsonian patients correlate with their pre-pallidotomy clinical scores. NeuroReport, 2000, 11, 3413-3418. | 0.6 | 21 |
| 104 | Assessment of statistical and neural networks methods in NMR spectral classification and metabolite selection. , 1998, 11, 225-234. | | 27 |
| 105 | Pattern recognition approaches in biomedical and clinical magnetic resonance spectroscopy: a review. , 1997, 10, 99-124. | | 83 |