# Andrea Caria

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8147116/publications.pdf

Version: 2024-02-01

| | | | |
|---|---|---|---|
| 41 papers | 4,901 citations | 201674 27 h-index | 289244 40 g-index |
| 42 all docs | 42 docs citations | 42 times ranked | 4641 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Brainâ€“machine interface in chronic stroke rehabilitation: A controlled study. Annals of Neurology, 2013, 74, 100-108. | 5.3 | 754 |
| 2 | Think to Move: a Neuromagnetic Brain-Computer Interface (BCI) System for Chronic Stroke. Stroke, 2008, 39, 910-917. | 2.0 | 537 |
| 3 | Rehabilitation of gait after stroke: a review towards a top-down approach. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 66. | 4.6 | 396 |
| 4 | Regulation of anterior insular cortex activity using real-time fMRI. NeuroImage, 2007, 35, 1238-1246. | 4.2 | 322 |
| 5 | Acquired selfâ€control of insula cortex modulates emotion recognition and brain network connectivity in schizophrenia. Human Brain Mapping, 2013, 34, 200-212. | 3.6 | 242 |
| 6 | Volitional Control of Anterior Insula Activity Modulates the Response to Aversive Stimuli. A Real-Time Functional Magnetic Resonance Imaging Study. Biological Psychiatry, 2010, 68, 425-432. | 1.3 | 233 |
| 7 | Meta-analysis of real-time fMRI neurofeedback studies using individual participant data: How is brain regulation mediated?. NeuroImage, 2016, 124, 806-812. | 4.2 | 204 |
| 8 | Combination of Brain-Computer Interface Training and Goal-Directed Physical Therapy in Chronic Stroke: A Case Report. Neurorehabilitation and Neural Repair, 2010, 24, 674-679. | 2.9 | 189 |
| 9 | Species-specific response to human infant faces in the premotor cortex. NeuroImage, 2012, 60, 884-893. | 4.2 | 188 |
| 10 | Proprioceptive Feedback and Brain Computer Interface (BCI) Based Neuroprostheses. PLoS ONE, 2012, 7, e47048. | 2.5 | 178 |
| 11 | fMRI Brain-Computer Interface: A Tool for Neuroscientific Research and Treatment. Computational Intelligence and Neuroscience, 2007, 2007, 1-10. | 1.7 | 159 |
| 12 | Hemodynamic brainâ€“computer interfaces for communication and rehabilitation. Neural Networks, 2009, 22, 1320-1328. | 5.9 | 158 |
| 13 | Chronic stroke recovery after combined BCI training and physiotherapy: A case report. Psychophysiology, 2011, 48, 578-582. | 2.4 | 152 |
| 14 | Acquired Control of Ventral Premotor Cortex Activity by Feedback Training. Neurorehabilitation and Neural Repair, 2012, 26, 256-265. | 2.9 | 129 |
| 15 | Using real-time fMRI to learn voluntary regulation of the anterior insula in the presence of threat-related stimuli. Social Cognitive and Affective Neuroscience, 2012, 7, 623-634. | 3.0 | 110 |
| 16 | Real-Time fMRI. Neuroscientist, 2012, 18, 487-501. | 3.5 | 110 |
| 17 | fMRI Brain-Computer Interfaces. IEEE Signal Processing Magazine, 2008, 25, 95-106. | 5.6 | 89 |
| 18 | Functional and Dysfunctional Brain Circuits Underlying Emotional Processing of Music in Autism Spectrum Disorders. Cerebral Cortex, 2011, 21, 2838-2849. | 2.9 | 88 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Lower Limb Movement Preparation in Chronic Stroke. Neurorehabilitation and Neural Repair, 2014, 28, 564-575. | 2.9 | 75 |
| 20 | Differential brain responses to cries of infants with autistic disorder and typical development: An fMRI study. Research in Developmental Disabilities, 2012, 33, 2255-2264. | 2.2 | 69 |
| 21 | Human Infant Faces Provoke Implicit Positive Affective Responses in Parents and Non-Parents Alike. PLoS ONE, 2013, 8, e80379. | 2.5 | 63 |
| 22 | Cortical Activations in Humans Grasp-Related Areas Depend on Hand Used and Handedness. PLoS ONE, 2008, 3, e3388. | 2.5 | 62 |
| 23 | Brain-Machine Interface in Chronic Stroke: Randomized Trial Long-Term Follow-up. Neurorehabilitation and Neural Repair, 2019, 33, 188-198. | 2.9 | 61 |
| 24 | Detection of Cerebral Reorganization Induced by Real-Time fMRI Feedback Training of Insula Activation. Neurorehabilitation and Neural Repair, 2011, 25, 259-267. | 2.9 | 58 |
| 25 | Comparing Natural and Constrained Movements: New Insights into the Visuomotor Control of Grasping. PLoS ONE, 2007, 2, e1108. | 2.5 | 52 |
| 26 | Volitional control of the anterior insula in criminal psychopaths using real-time fMRI neurofeedback: a pilot study. Frontiers in Behavioral Neuroscience, 2014, 8, 344. | 2.0 | 51 |
| 27 | Anterior insular cortex regulation in autism spectrum disorders. Frontiers in Behavioral Neuroscience, 2015, 9, 38. | 2.0 | 39 |
| 28 | Morphofunctional Alterations of the Hypothalamus and Social Behavior in Autism Spectrum Disorders. Brain Sciences, 2020, 10, 435. | 2.3 | 19 |
| 29 | Effects of increasing visual load on aurally and visually guided target acquisition in a virtual environment. Applied Ergonomics, 2005, 36, 335-343. | 3.1 | 18 |
| 30 | Effects of Aversive Stimuli on Prospective Memory. An Event-Related fMRI Study. PLoS ONE, 2011, 6, e26290. | 2.5 | 16 |
| 31 | Elastic Scattering and Light Transport in Three-Dimensional Collagen Gel Constructs: A Mathematical Model and Computer Simulation Approach. IEEE Transactions on Nanobioscience, 2004, 3, 85-89. | 3.3 | 14 |
| 32 | Brainâ€“Machine Interface Induced Morpho-Functional Remodeling of the Neural Motor System in Severe Chronic Stroke. Neurotherapeutics, 2020, 17, 635-650. | 4.4 | 13 |
| 33 | Differential neural mechanisms for early and late prediction error detection. Scientific Reports, 2016, 6, 24350. | 3.3 | 11 |
| 34 | Comparing Effects of 2-D and 3-D Visual Cues During Aurally Aided Target Acquisition. Human Factors, 2004, 46, 728-737. | 3.5 | 10 |
| 35 | Fast mental states decoding in mixed reality. Frontiers in Behavioral Neuroscience, 2014, 8, 415. | 2.0 | 8 |
| 36 | Self-Regulation of Blood Oxygenation Level Dependent Response: Primary Effect or Epiphenomenon?. Frontiers in Neuroscience, 2016, 10, 117. | 2.8 | 7 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Time for action versus action in time: time estimation differs between motor preparation and execution. Journal of Cognitive Psychology, 2017, 29, 129-136. | 0.9 | 7 |
| 38 | Functional Neuroimaging of Human Hypothalamus in Socioemotional Behavior: A Systematic Review. Brain Sciences, 2022, 12, 707. | 2.3 | 5 |
| 39 | Mesocorticolimbic Interactions Mediate fMRI-Guided Regulation of Self-Generated Affective States. Brain Sciences, 2020, 10, 223. | 2.3 | 3 |
| 40 | LEARNED CONTROL OF INSULAR ACTIVITY USING fMRI BRAIN COMPUTER INTERFACE IN SCHIZOPHRENIA. Schizophrenia Research, 2008, 102, 92. | 2.0 | 2 |
| 41 | Crossmodal binding in localizing objects outside the field of view. Visual Cognition, 2006, 13, 223-246. | 1.6 | 0 |