

# Erika Molteni

## List of Publications by Year in descending order

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Version: 2024-02-01

82  
papers

5,482  
citations

331670

21  
h-index

175258

52  
g-index

99  
all docs

99  
docs citations

99  
times ranked

7226  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Risk factors and disease profile of post-vaccination SARS-CoV-2 infection in UK users of the COVID Symptom Study app: a prospective, community-based, nested, case-control study. <i>Lancet Infectious Diseases</i> , The, 2022, 22, 43-55.                        | 9.1  | 573       |
| 2  | Emerging Treatments for Disorders of Consciousness in Paediatric Age. <i>Brain Sciences</i> , 2022, 12, 198.   | 2.3  | 9         |
| 3  | Long COVID in children – Authors' reply. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, e3.  | 5.6  | 2         |
| 4  | Knowledge barriers in a national symptomatic-COVID-19 testing programme. <i>PLOS Global Public Health</i> , 2022, 2, e0000028.   | 1.6  | 11        |
| 5  | Assessing the impact of the pandemic in children and adolescents: SARS-CoV-2 infection and beyond. <i>The Lancet Child and Adolescent Health</i> , 2022, 6, 216-217.   | 5.6  | 8         |
| 6  | Symptom prevalence, duration, and risk of hospital admission in individuals infected with SARS-CoV-2 during periods of omicron and delta variant dominance: a prospective observational study from the ZOE COVID Study. <i>Lancet</i> , The, 2022, 399, 1618-1624. | 13.7 | 547       |
| 7  | Illness Characteristics of COVID-19 in Children Infected with the SARS-CoV-2 Delta Variant. <i>Children</i> , 2022, 9, 652.  | 1.5  | 28        |
| 8  | COVID-19 due to the B.1.617.2 (Delta) variant compared to B.1.1.7 (Alpha) variant of SARS-CoV-2: a prospective observational cohort study. <i>Scientific Reports</i> , 2022, 12, .   | 3.3  | 39        |
| 9  | Post-vaccination infection rates and modification of COVID-19 symptoms in vaccinated UK school-aged children and adolescents: A prospective longitudinal cohort study. <i>Lancet Regional Health - Europe</i> , The, 2022, 19, 100429.                             | 5.6  | 15        |
| 10 | Optimal symptom combinations to aid COVID-19 case identification: Analysis from a community-based, prospective, observational cohort. <i>Journal of Infection</i> , 2021, 82, 384-390.   | 3.3  | 21        |
| 11 | Symptoms and syndromes associated with SARS-CoV-2 infection and severity in pregnant women from two community cohorts. <i>Scientific Reports</i> , 2021, 11, 6928.   | 3.3  | 22        |
| 12 | Attributes and predictors of long COVID. <i>Nature Medicine</i> , 2021, 27, 626-631.   | 30.7 | 1,613     |
| 13 | Changes in symptomatology, reinfection, and transmissibility associated with the SARS-CoV-2 variant B.1.1.7: an ecological study. <i>Lancet Public Health</i> , The, 2021, 6, e335-e345.   | 10.0 | 269       |
| 14 | Vaccine side-effects and SARS-CoV-2 infection after vaccination in users of the COVID Symptom Study app in the UK: a prospective observational study. <i>Lancet Infectious Diseases</i> , The, 2021, 21, 939-949.  | 9.1  | 744       |
| 15 | Individualized Prognostic Prediction of the Long-Term Functional Trajectory in Pediatric Acquired Brain Injury. <i>Journal of Personalized Medicine</i> , 2021, 11, 675.   | 2.5  | 10        |
| 16 | White matter analysis of the extremely preterm born adult brain. <i>NeuroImage</i> , 2021, 237, 118112.  | 4.2  | 9         |
| 17 | Anxiety and depression symptoms after COVID-19 infection: results from the COVID Symptom Study app. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 1254-1258.  | 1.9  | 44        |
| 18 | Early detection of COVID-19 in the UK using self-reported symptoms: a large-scale, prospective, epidemiological surveillance study. <i>The Lancet Digital Health</i> , 2021, 3, e587-e598.   | 12.3 | 60        |

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|----|--|------|-----------|
| 19 | Anosmia, ageusia, and other COVID-19-like symptoms in association with a positive SARS-CoV-2 test, across six national digital surveillance platforms: an observational study. <i>The Lancet Digital Health</i> , 2021, 3, e577-e586.                              | 12.3 | 51        |
| 20 | Use and Safety of Immunotherapeutic Management of <i>N</i> -Methyl-D-Aspartate Receptor Antibody Encephalitis. <i>JAMA Neurology</i> , 2021, 78, 1333.   | 9.0  | 91        |
| 21 | Illness duration and symptom profile in symptomatic UK school-aged children tested for SARS-CoV-2. <i>The Lancet Child and Adolescent Health</i> , 2021, 5, 708-718.   | 5.6  | 304       |
| 22 | Accessible data curation and analytics for international-scale citizen science datasets. <i>Scientific Data</i> , 2021, 8, 297.  | 5.3  | 18        |
| 23 | Disentangling post-vaccination symptoms from early COVID-19. <i>EClinicalMedicine</i> , 2021, 42, 101212.  | 7.1  | 8         |
| 24 | Feasibility Randomized Trial for an Intensive Memory-Focused Training Program for School-Aged Children with Acquired Brain Injury. <i>Brain Sciences</i> , 2020, 10, 430.  | 2.3  | 1         |
| 25 | Joint Neuropsychological Assessment through Coma/Near Coma and Level of Cognitive Functioning Assessment Scales Reduces Negative Findings in Pediatric Disorders of Consciousness. <i>Brain Sciences</i> , 2020, 10, 162.  | 2.3  | 12        |
| 26 | International survey on diagnostic and prognostic procedures in pediatric disorders of consciousness. <i>Brain Injury</i> , 2019, 33, 517-528.   | 1.2  | 8         |
| 27 | Fronto-temporal vulnerability to disconnection in paediatric moderate and severe traumatic brain injury. <i>European Journal of Neurology</i> , 2019, 26, 1183-1190.   | 3.3  | 12        |
| 28 | Comparison of Multi-class Machine Learning Methods for the Identification of Factors Most Predictive of Prognosis in Neurobehavioral assessment of Pediatric Severe Disorder of Consciousness through LOCFAS scale. , 2019, 2019, 269-272.                         |      | 3         |
| 29 | Key role of SMN/SYNERP and RNA-Motif 7 in spinal muscular atrophy: RNA-Seq and motif analysis of human motor neurons. <i>Brain</i> , 2019, 142, 276-294.   | 7.6  | 31        |
| 30 | Robotically-driven orthoses exert proximal-to-distal differential recovery on the lower limbs in children with hemiplegia, early after acquired brain injury. <i>European Journal of Paediatric Neurology</i> , 2018, 22, 652-661.                                 | 1.6  | 12        |
| 31 | ICâ€Pâ€048: SAMPLE SIZE ESTIMATES FOR SECONDARY PREVENTION STUDIES USING REGIONAL ATROPHY RATES. <i>Alzheimer's and Dementia</i> , 2018, 14, P47.  | 0.8  | 0         |
| 32 | ICâ€Pâ€165: ROBUST IDENTIFICATION OF BRAIN STRUCTURES MOST DISCRIMINATIVE IN DETECTING EARLY CHANGES IN AUTOSOMAL DOMINANT ALZHEIMER'S DISEASE. <i>Alzheimer's and Dementia</i> , 2018, 14, P138.  | 0.8  | 0         |
| 33 | Five-year motor functional outcome in children with acquired brain injury. Yet to the end of the story?. <i>Developmental Neurorehabilitation</i> , 2018, 21, 449-456.   | 1.1  | 8         |
| 34 | Gaussian Processes with optimal kernel construction for neuro-degenerative clinical onset prediction. , 2018, , .  |      | 1         |
| 35 | A diffusion tensor magnetic resonance imaging study of paediatric patients with severe non-traumatic brain injury. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 199-206.  | 2.1  | 13        |
| 36 | Disordered Consciousness or Disordered Wakefulness? The Importance of Prolonged Polysomnography for the Diagnosis, Drug Therapy, and Rehabilitation of an Unresponsive Patient With Brain Injury. <i>Journal of Clinical Sleep Medicine</i> , 2017, 13, 1477-1481. | 2.6  | 9         |

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|----|---|-----|-----------|
| 37 | The Utility of a Computerized Algorithm Based on a Multi-Domain Profile of Measures for the Diagnosis of Attention Deficit/Hyperactivity Disorder. <i>Frontiers in Psychiatry</i> , 2017, 8, 189.                         | 2.6 | 21        |
| 38 | Sleep/Wake Modulation of Polysomnographic Patterns has Prognostic Value in Pediatric Unresponsive Wakefulness Syndrome. <i>Journal of Clinical Sleep Medicine</i> , 2016, 12, 1131-1141.                                  | 2.6 | 9         |
| 39 | Diverse functions of myosin VI elucidated by an isoform-specific $\hat{I}\pm$ -helix domain. <i>Nature Structural and Molecular Biology</i> , 2016, 23, 300-308.  | 8.2 | 42        |
| 40 | Past and future of near-infrared spectroscopy in studies of emotion and social neuroscience. <i>Journal of Cognitive Psychology</i> , 2016, 28, 129-146.  | 0.9 | 50        |
| 41 | Polysomnographic Sleep Patterns in Children and Adolescents in Unresponsive Wakefulness Syndrome. <i>Journal of Head Trauma Rehabilitation</i> , 2015, 30, 334-346.   | 1.7 | 25        |
| 42 | Altered Recruitment of the Attention Network Is Associated with Disability and Cognitive Impairment in Pediatric Patients with Acquired Brain Injury. <i>Neural Plasticity</i> , 2015, 2015, 1-13.                        | 2.2 | 11        |
| 43 | Combined robotic-aided gait training and 3D gait analysis provide objective treatment and assessment of gait in children and adolescents with Acquired Hemiplegia. , 2015, 2015, 4566-9.                                  |     | 3         |
| 44 | fNIRS measure of transitive and intransitive gesture execution, observation and imagination in ecological setting: A pilot study. , 2015, 2015, 3484-7.   |     | 0         |
| 45 | Pilot study of the cortical correlates and clinical effects of passive ankle mobilisation in children with upper motorneuron lesions. , 2015, 2015, 6614-7.   |     | 1         |
| 46 | Hemodynamic and EEG Time-Courses During Unilateral Hand Movement in Patients with Cortical Myoclonus. An EEG-fMRI and EEG-TD-fNIRS Study. <i>Brain Topography</i> , 2015, 28, 915-925.                                    | 1.8 | 30        |
| 47 | Investigation of negative BOLD responses in human brain through NIRS technique. A visual stimulation study. <i>NeuroImage</i> , 2015, 108, 410-422.   | 4.2 | 37        |
| 48 | Quantification of long-term effects of botulinum injection in a case of cerebral palsy affecting the upper limb movement. <i>Developmental Neurorehabilitation</i> , 2015, 18, 145-148.                                   | 1.1 | 1         |
| 49 | LOCFASâ€™ Assessed Evolution of Cognitive and Behavioral Functioning in a Sample of Pediatric Patients With Severe Acquired Brain Injury in the Postacute Phase. <i>Journal of Child Neurology</i> , 2015, 30, 1125-1134. | 1.4 | 11        |
| 50 | Combined robotic-aided gait training and physical therapy improve functional abilities and hip kinematics during gait in children and adolescents with acquired brain injury. <i>Brain Injury</i> , 2015, 29, 955-962.    | 1.2 | 23        |
| 51 | Coupling of fMRI and NIRS measurements in the study of negative BOLD response to intermittent photic stimulation. , 2013, 2013, 1378-81.  |     | 3         |
| 52 | GLM analysis of time resolved NIRS data of motor activation during different motor tasks. , 2013, 2013, 1787-90.  |     | 1         |
| 53 | Bedside assessment of residual functional activation in minimally conscious state using NIRS and general linear models. , 2013, 2013, 3551-4.   |     | 8         |
| 54 | Can passive mobilization provide clinically-relevant brain stimulation? A pilot eeg and nirs study on healthy subjects. , 2013, 2013, 3547-50.  |     | 9         |

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|----|--|-----|-----------|
| 55 | A New Device for an Early Rehabilitation of the Ankle Joint and its Effects on Brain Activation: A NIRS and EEG Study. , 2013, , .   |     | 0         |
| 56 | From neurovascular coupling to neurovascular cascade: a study on neural, autonomic and vascular transients in attention. Physiological Measurement, 2012, 33, 1379-1397.                                     | 2.1 | 10        |
| 57 | Multimodality fNIRS-EEG, fMRI-EEG and TMS Clinical Study on Cortical Response During Motor Task in Adult Volunteers and Epileptic Patients with Movement Disorders. , 2012, , .                              |     | 1         |
| 58 | Load-dependent brain activation assessed by time-domain functional near-infrared spectroscopy during a working memory task with graded levels of difficulty. Journal of Biomedical Optics, 2012, 17, 056005. | 2.6 | 42        |
| 59 | Deep and surface hemodynamic signal from functional time resolved transcranial near infrared spectroscopy compared to skin flowmotion. Computers in Biology and Medicine, 2012, 42, 282-289.                 | 7.0 | 41        |
| 60 | Towards a Biomarker of Motor Adaptation: Integration of Kinematic and Neural Factors. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 258-267.                                 | 4.9 | 16        |
| 61 | Movement analysis and EEG recordings in children with hemiplegic cerebral palsy. Experimental Brain Research, 2012, 223, 517-524.  | 1.5 | 22        |
| 62 | Cortical Response During Motor Task in Epileptic Patients with Movement Disorders: A Multimodality fNIRS-EEG, fMRI-EEG and TMS Clinical Study. , 2012, , .   |     | 0         |
| 63 | Cortical Response During Motor Task in Epileptic Patients with Movement Disorders: A Multimodality fNIRS-EEG, fMRI-EEG and TMS Clinical Study. , 2012, , .   |     | 0         |
| 64 | Event related synchronization and Hilbert Huang transform in the study of motor adaptation: A comparison of methods. , 2011, , .   |     | 1         |
| 65 | Assessment of cortical response during motor task in adults by a multimodality approach based on fNIRS-EEG, fMRI-EEG, and TMS. , 2011, , .   |     | 2         |
| 66 | Study of neurovascular and autonomic response in a divided attention test by means of EEG, ECG and NIRS signals. , 2011, 2011, 1403-6.   |     | 7         |
| 67 | Assessment of cortical response during motor task in adults by a multimodality approach based on fNIRS-EEG, fMRI-EEG, and TMS. , 2011, , .   |     | 0         |
| 68 | Infant's emotional variability associated to interactive stressful situation: A novel analysis approach with Sample Entropy and Lempel-Ziv Complexity. , 2010, 33, 346-356.                                  |     | 14        |
| 69 | A methodological study for the multifactorial assessment of motor adaptation: Integration of kinematic and neural factors. , 2010, 2010, 4910-3.   |     | 2         |
| 70 | Proposal of a combined optoelectronic and electroencephalographic method for the study of kinematic and neural correlates of Motor Adaptation. , 2010, , .   |     | 0         |
| 71 | Moving dipoles method detects displacement in N2 and P3 generation in diffuse axonal injury patients. , 2010, 2010, 3265-8.  |     | 0         |
| 72 | EEG and Time-domain fNIRS Co-registration during a Divided Attention Task. , 2010, , .   |     | 0         |

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|----|---|-----|-----------|
| 73 | Frontal brain activation during a working memory task: a time-domain fNIRS study. , 2009, , .   |     | 6         |
| 74 | Effect of prolonged stimulation on cerebral hemodynamic: A time-resolved fNIRS study. Medical Physics, 2009, 36, 4103-4114.   | 3.0 | 20        |
| 75 | Intra- and extra-cortical activation during a working memory task assessed by time-resolved near-infrared spectroscopy (fNIRS). Proceedings of SPIE, 2009, , .  | 0.8 | 0         |
| 76 | Intra- and Extra-cortical activation during a working memory task assessed by time-resolved near-infrared spectroscopy (fNIRS). , 2009, , .   |     | 0         |
| 77 | Combined Behavioral and EEG Power Analysis in DAI Improve Accuracy in the Assessment of Sustained Attention Deficit. Annals of Biomedical Engineering, 2008, 36, 1216-1227.                                 | 2.5 | 12        |
| 78 | Activation of the prefrontal cortex during a visual <i>n</i> -back working memory task with varying memory load: A Near Infrared Spectroscopy Study. , 2008, 2008, 4024-7.                                  |     | 14        |
| 79 | Entropy analysis on EEG signal in a case study of focal myoclonus. , 2008, 2008, 4724-7.  |     | 2         |
| 80 | Analysis of the dynamical behaviour of the EEG rhythms during a test of sustained attention. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1298-301. | 0.5 | 20        |
| 81 | Vaccine after Effects and Post-Vaccine Infection in a Real World Setting: Results from the COVID Symptom Study App. SSRN Electronic Journal, 0, , .   | 0.4 | 0         |
| 82 | A Comparison of Symptom Prevalence, Severity and Duration in the SARS-CoV-2 Omicron Versus Delta Variants Among Vaccinated Individuals from the ZOE COVID Study. SSRN Electronic Journal, 0, , .            | 0.4 | 2         |