

Vincenzo Di Lazzaro

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75
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159
g-index

447
ext. papers

33,441
ext. citations

4.2
avg, IF

6.86
L-index

| # | Paper | IF | Citations |
|-----|--|------|-----------|
| 426 | Safety, ethical considerations, and application guidelines for the use of transcranial magnetic stimulation in clinical practice and research. <i>Clinical Neurophysiology</i> , 2009 , 120, 2008-2039 | 4.3 | 3446 |
| 425 | Non-invasive electrical and magnetic stimulation of the brain, spinal cord, roots and peripheral nerves: Basic principles and procedures for routine clinical and research application. An updated report from an I.F.C.N. Committee. <i>Clinical Neurophysiology</i> , 2015 , 126, 1071-1107 | 4.3 | 1326 |
| 424 | Cryptogenic stroke and underlying atrial fibrillation. <i>New England Journal of Medicine</i> , 2014 , 370, 2478-86 | 9.2 | 1239 |
| 423 | Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS). <i>Clinical Neurophysiology</i> , 2014 , 125, 2150-2206 | 4.3 | 1209 |
| 422 | Dopamine dependency of oscillations between subthalamic nucleus and pallidum in Parkinson's disease. <i>Journal of Neuroscience</i> , 2001 , 21, 1033-8 | 6.6 | 826 |
| 421 | Short latency inhibition of human hand motor cortex by somatosensory input from the hand. <i>Journal of Physiology</i> , 2000 , 523 Pt 2, 503-13 | 3.9 | 537 |
| 420 | Magnetic transcranial stimulation at intensities below active motor threshold activates intracortical inhibitory circuits. <i>Experimental Brain Research</i> , 1998 , 119, 265-8 | 2.3 | 504 |
| 419 | The clinical diagnostic utility of transcranial magnetic stimulation: report of an IFCN committee. <i>Clinical Neurophysiology</i> , 2008 , 119, 504-532 | 4.3 | 438 |
| 418 | The physiological basis of transcranial motor cortex stimulation in conscious humans. <i>Clinical Neurophysiology</i> , 2004 , 115, 255-66 | 4.3 | 426 |
| 417 | Modulation of brain plasticity in stroke: a novel model for neurorehabilitation. <i>Nature Reviews Neurology</i> , 2014 , 10, 597-608 | 15 | 418 |
| 416 | Movement-related changes in synchronization in the human basal ganglia. <i>Brain</i> , 2002 , 125, 1235-46 | 11.2 | 416 |
| 415 | Evidence-based guidelines on the therapeutic use of repetitive transcranial magnetic stimulation (rTMS): An update (2014-2018). <i>Clinical Neurophysiology</i> , 2020 , 131, 474-528 | 4.3 | 411 |
| 414 | Physiology of repetitive transcranial magnetic stimulation of the human brain. <i>Brain Stimulation</i> , 2010 , 3, 95-118 | 5.1 | 391 |
| 413 | Dopamine-dependent changes in the functional connectivity between basal ganglia and cerebral cortex in humans. <i>Brain</i> , 2002 , 125, 1558-69 | 11.2 | 372 |
| 412 | Direct demonstration of the effect of lorazepam on the excitability of the human motor cortex. <i>Clinical Neurophysiology</i> , 2000 , 111, 794-9 | 4.3 | 344 |
| 411 | Effects of voluntary contraction on descending volleys evoked by transcranial stimulation in conscious humans. <i>Journal of Physiology</i> , 1998 , 508 (Pt 2), 625-33 | 3.9 | 323 |
| 410 | Comparison of descending volleys evoked by transcranial magnetic and electric stimulation in conscious humans. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1998 , 109, 397-401 | | 320 |

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|-----|--|------|-----|
| 409 | Progressive increase of T1 signal intensity of the dentate nucleus on unenhanced magnetic resonance images is associated with cumulative doses of intravenously administered gadodiamide in patients with normal renal function, suggesting dechelation. <i>Investigative Radiology</i> , 2014 , 49, 685-90 | 10.1 | 311 |
| 408 | Patterning of globus pallidus local field potentials differs between Parkinson's disease and dystonia. <i>Brain</i> , 2003 , 126, 2597-608 | 11.2 | 300 |
| 407 | Inhibition of motor system excitability at cortical and spinal level by tonic muscle pain. <i>Clinical Neurophysiology</i> , 2001 , 112, 1633-41 | 4.3 | 296 |
| 406 | Muscarinic receptor blockade has differential effects on the excitability of intracortical circuits in the human motor cortex. <i>Experimental Brain Research</i> , 2000 , 135, 455-61 | 2.3 | 289 |
| 405 | State of the art: Pharmacologic effects on cortical excitability measures tested by transcranial magnetic stimulation. <i>Brain Stimulation</i> , 2008 , 1, 151-63 | 5.1 | 284 |
| 404 | Theta-burst repetitive transcranial magnetic stimulation suppresses specific excitatory circuits in the human motor cortex. <i>Journal of Physiology</i> , 2005 , 565, 945-50 | 3.9 | 261 |
| 403 | State of the art: Physiology of transcranial motor cortex stimulation. <i>Brain Stimulation</i> , 2008 , 1, 345-62 | 5.1 | 250 |
| 402 | Existing motor state is favored at the expense of new movement during 13-35 Hz oscillatory synchrony in the human corticospinal system. <i>Journal of Neuroscience</i> , 2005 , 25, 7771-9 | 6.6 | 247 |
| 401 | Ten Years of Theta Burst Stimulation in Humans: Established Knowledge, Unknowns and Prospects. <i>Brain Stimulation</i> , 2016 , 9, 323-335 | 5.1 | 229 |
| 400 | Direct demonstration of interhemispheric inhibition of the human motor cortex produced by transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 1999 , 124, 520-4 | 2.3 | 227 |
| 399 | Noninvasive in vivo assessment of cholinergic cortical circuits in AD using transcranial magnetic stimulation. <i>Neurology</i> , 2002 , 59, 392-7 | 6.5 | 221 |
| 398 | The physiological basis of the effects of intermittent theta burst stimulation of the human motor cortex. <i>Journal of Physiology</i> , 2008 , 586, 3871-9 | 3.9 | 208 |
| 397 | Effects of aging on motor cortex excitability. <i>Neuroscience Research</i> , 2006 , 55, 74-7 | 2.9 | 207 |
| 396 | I-wave origin and modulation. <i>Brain Stimulation</i> , 2012 , 5, 512-25 | 5.1 | 195 |
| 395 | Effects of stimulation of the subthalamic area on oscillatory pallidal activity in Parkinson's disease. <i>Experimental Neurology</i> , 2004 , 188, 480-90 | 5.7 | 193 |
| 394 | Modulation of motor cortex neuronal networks by rTMS: comparison of local and remote effects of six different protocols of stimulation. <i>Journal of Neurophysiology</i> , 2011 , 105, 2150-6 | 3.2 | 190 |
| 393 | Motor cortex hyperexcitability to transcranial magnetic stimulation in Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2004 , 75, 555-9 | 5.5 | 176 |
| 392 | The effect on corticospinal volleys of reversing the direction of current induced in the motor cortex by transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 2001 , 138, 268-73 | 2.3 | 175 |

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|-----|--|-----|-----|
| 391 | Ketamine increases human motor cortex excitability to transcranial magnetic stimulation. <i>Journal of Physiology</i> , 2003 , 547, 485-96 | 3.9 | 170 |
| 390 | Neurobiological after-effects of non-invasive brain stimulation. <i>Brain Stimulation</i> , 2017 , 10, 1-18 | 5.1 | 163 |
| 389 | Effects of lorazepam on short latency afferent inhibition and short latency intracortical inhibition in humans. <i>Journal of Physiology</i> , 2005 , 564, 661-8 | 3.9 | 162 |
| 388 | Origin of facilitation of motor-evoked potentials after paired magnetic stimulation: direct recording of epidural activity in conscious humans. <i>Journal of Neurophysiology</i> , 2006 , 96, 1765-71 | 3.2 | 161 |
| 387 | Segregating two inhibitory circuits in human motor cortex at the level of GABAA receptor subtypes: a TMS study. <i>Clinical Neurophysiology</i> , 2007 , 118, 2207-14 | 4.3 | 159 |
| 386 | Corticospinal activity evoked and modulated by non-invasive stimulation of the intact human motor cortex. <i>Journal of Physiology</i> , 2014 , 592, 4115-28 | 3.9 | 150 |
| 385 | The contribution of transcranial magnetic stimulation in the functional evaluation of microcircuits in human motor cortex. <i>Frontiers in Neural Circuits</i> , 2013 , 7, 18 | 3.5 | 147 |
| 384 | Modulation of LTP at rat hippocampal CA3-CA1 synapses by direct current stimulation. <i>Journal of Neurophysiology</i> , 2012 , 107, 1868-80 | 3.2 | 145 |
| 383 | GABAA receptor subtype specific enhancement of inhibition in human motor cortex. <i>Journal of Physiology</i> , 2006 , 575, 721-6 | 3.9 | 143 |
| 382 | Neurophysiological predictors of long term response to AChE inhibitors in AD patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 1064-9 | 5.5 | 134 |
| 381 | Safety and recommendations for TMS use in healthy subjects and patient populations, with updates on training, ethical and regulatory issues: Expert Guidelines. <i>Clinical Neurophysiology</i> , 2021 , 132, 269-306 | 4.3 | 130 |
| 380 | Dissociated effects of diazepam and lorazepam on short-latency afferent inhibition. <i>Journal of Physiology</i> , 2005 , 569, 315-23 | 3.9 | 126 |
| 379 | Clinical utility and prospective of TMS-EEG. <i>Clinical Neurophysiology</i> , 2019 , 130, 802-844 | 4.3 | 123 |
| 378 | Intracortical origin of the short latency facilitation produced by pairs of threshold magnetic stimuli applied to human motor cortex. <i>Experimental Brain Research</i> , 1999 , 129, 494-9 | 2.3 | 120 |
| 377 | Motor cortex plasticity predicts recovery in acute stroke. <i>Cerebral Cortex</i> , 2010 , 20, 1523-8 | 5.1 | 119 |
| 376 | Cryptogenic Stroke and underlying Atrial Fibrillation (CRYSTAL AF): design and rationale. <i>American Heart Journal</i> , 2010 , 160, 36-41.e1 | 4.9 | 110 |
| 375 | The diagnostic value of motor evoked potentials. <i>Clinical Neurophysiology</i> , 1999 , 110, 1297-307 | 4.3 | 107 |
| 374 | Comparison of descending volleys evoked by monophasic and biphasic magnetic stimulation of the motor cortex in conscious humans. <i>Experimental Brain Research</i> , 2001 , 141, 121-7 | 2.3 | 106 |

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|-----|--|------|-----|
| 373 | Predictors for atrial fibrillation detection after cryptogenic stroke: Results from CRYSTAL AF. <i>Neurology</i> , 2016 , 86, 261-9 | 6.5 | 105 |
| 372 | Short-term reduction of intracortical inhibition in the human motor cortex induced by repetitive transcranial magnetic stimulation. <i>Experimental Brain Research</i> , 2002 , 147, 108-13 | 2.3 | 102 |
| 371 | Uncovering Atrial Fibrillation Beyond Short-Term Monitoring in Cryptogenic Stroke Patients: Three-Year Results From the Cryptogenic Stroke and Underlying Atrial Fibrillation Trial. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2016 , 9, e003333 | 6.4 | 101 |
| 370 | In vivo cholinergic circuit evaluation in frontotemporal and Alzheimer dementias. <i>Neurology</i> , 2006 , 66, 1111-3 | 6.5 | 101 |
| 369 | Inhibition of the human primary motor area by painful heat stimulation of the skin. <i>Clinical Neurophysiology</i> , 1999 , 110, 1475-80 | 4.3 | 99 |
| 368 | Theta burst stimulation in the rehabilitation of the upper limb: a semirandomized, placebo-controlled trial in chronic stroke patients. <i>Neurorehabilitation and Neural Repair</i> , 2012 , 26, 976-87 | 4.7 | 98 |
| 367 | The effects of motor cortex rTMS on corticospinal descending activity. <i>Clinical Neurophysiology</i> , 2010 , 121, 464-73 | 4.3 | 93 |
| 366 | Direct demonstration of the effects of repetitive transcranial magnetic stimulation on the excitability of the human motor cortex. <i>Experimental Brain Research</i> , 2002 , 144, 549-53 | 2.3 | 91 |
| 365 | Long-term outcomes of patients with cerebral vein thrombosis: a multicenter study. <i>Journal of Thrombosis and Haemostasis</i> , 2012 , 10, 1297-302 | 15.4 | 88 |
| 364 | Descending spinal cord volleys evoked by transcranial magnetic and electrical stimulation of the motor cortex leg area in conscious humans. <i>Journal of Physiology</i> , 2001 , 537, 1047-58 | 3.9 | 88 |
| 363 | Clinical and neurophysiological abnormalities before and after reconstruction of the anterior cruciate ligament of the knee. <i>Acta Neurologica Scandinavica</i> , 1999 , 99, 303-7 | 3.8 | 88 |
| 362 | Modulating cortical excitability in acute stroke: a repetitive TMS study. <i>Clinical Neurophysiology</i> , 2008 , 119, 715-723 | 4.3 | 87 |
| 361 | Direct demonstration of long latency cortico-cortical inhibition in normal subjects and in a patient with vascular parkinsonism. <i>Clinical Neurophysiology</i> , 2002 , 113, 1673-9 | 4.3 | 85 |
| 360 | Oscillatory activity in the pedunculopontine area of patients with Parkinson's disease. <i>Experimental Neurology</i> , 2008 , 211, 59-66 | 5.7 | 84 |
| 359 | Reciprocal interactions between oscillatory activities of different frequencies in the subthalamic region of patients with Parkinson's disease. <i>European Journal of Neuroscience</i> , 2005 , 22, 257-66 | 3.5 | 84 |
| 358 | Phase Dependency of the Human Primary Motor Cortex and Cholinergic Inhibition Cancellation During Beta tACS. <i>Cerebral Cortex</i> , 2016 , 26, 3977-90 | 5.1 | 81 |
| 357 | Two distinct interneuron circuits in human motor cortex are linked to different subsets of physiological and behavioral plasticity. <i>Journal of Neuroscience</i> , 2014 , 34, 12837-49 | 6.6 | 81 |
| 356 | Central nervous system modifications in patients with lesion of the anterior cruciate ligament of the knee. <i>Brain</i> , 1996 , 119 (Pt 5), 1751-62 | 11.2 | 81 |

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|-----|---|-----|----|
| 355 | Reply from Vincenzo Di Lazzaro, Fabio Pilato, Michele Dileone, Pietro A. Tonali and Ulf Ziemann. <i>Journal of Physiology</i> , 2005 , 569, 710-710 | 3.9 | 78 |
| 354 | Clinical and immunological characteristics of the spectrum of GFAP autoimmunity: a case series of 22 patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 138-146 | 5.5 | 77 |
| 353 | The associative brain at work: Evidence from paired associative stimulation studies in humans. <i>Clinical Neurophysiology</i> , 2017 , 128, 2140-2164 | 4.3 | 76 |
| 352 | Functional evaluation of cerebral cortex in dementia with Lewy bodies. <i>NeuroImage</i> , 2007 , 37, 422-9 | 7.9 | 76 |
| 351 | The contribution of transcranial magnetic stimulation in the diagnosis and in the management of dementia. <i>Clinical Neurophysiology</i> , 2014 , 125, 1509-32 | 4.3 | 74 |
| 350 | Epilepsy Care in the Time of COVID-19 Pandemic in Italy: Risk Factors for Seizure Worsening. <i>Frontiers in Neurology</i> , 2020 , 11, 737 | 4.1 | 71 |
| 349 | Immediate and late modulation of interhemispheric imbalance with bilateral transcranial direct current stimulation in acute stroke. <i>Brain Stimulation</i> , 2014 , 7, 841-8 | 5.1 | 71 |
| 348 | Gamma activity and reactivity in human thalamic local field potentials. <i>European Journal of Neuroscience</i> , 2009 , 29, 943-53 | 3.5 | 71 |
| 347 | A consensus panel review of central nervous system effects of the exposure to low-intensity extremely low-frequency magnetic fields. <i>Brain Stimulation</i> , 2013 , 6, 469-76 | 5.1 | 67 |
| 346 | Phasic increases in cortical beta activity are associated with alterations in sensory processing in the human. <i>Experimental Brain Research</i> , 2007 , 177, 137-45 | 2.3 | 67 |
| 345 | Bringing transcranial mapping into shape: Sulcus-aligned mapping captures motor somatotopy in human primary motor hand area. <i>NeuroImage</i> , 2015 , 120, 164-75 | 7.9 | 64 |
| 344 | Noninvasive Stimulation of the Human Brain: Activation of Multiple Cortical Circuits. <i>Neuroscientist</i> , 2018 , 24, 246-260 | 7.6 | 62 |
| 343 | Effects of vagus nerve stimulation on cortical excitability in epileptic patients. <i>Neurology</i> , 2004 , 62, 2310-5 | 6.5 | 62 |
| 342 | A Comparison of Atrial Fibrillation Monitoring Strategies After Cryptogenic Stroke (from the Cryptogenic Stroke and Underlying AF Trial). <i>American Journal of Cardiology</i> , 2015 , 116, 889-93 | 3 | 61 |
| 341 | Spinal cord stimulation failed to relieve akinesia or restore locomotion in Parkinson disease. <i>Neurology</i> , 2010 , 74, 1325-7 | 6.5 | 61 |
| 340 | The effect of transcutaneous vagus nerve stimulation on cortical excitability. <i>Journal of Neural Transmission</i> , 2015 , 122, 679-85 | 4.3 | 60 |
| 339 | The effects of prolonged cathodal direct current stimulation on the excitatory and inhibitory circuits of the ipsilateral and contralateral motor cortex. <i>Journal of Neural Transmission</i> , 2012 , 119, 1499-506 | 4.3 | 60 |
| 338 | Control of Prosthetic Hands via the Peripheral Nervous System. <i>Frontiers in Neuroscience</i> , 2016 , 10, 116 | 5.1 | 60 |

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|-----|---|------|----|
| 337 | Associative motor cortex plasticity: direct evidence in humans. <i>Cerebral Cortex</i> , 2009 , 19, 2326-30 | 5.1 | 59 |
| 336 | Dipolar sources of the early scalp somatosensory evoked potentials to upper limb stimulation. Effect of increasing stimulus rates. <i>Experimental Brain Research</i> , 1998 , 120, 306-15 | 2.3 | 59 |
| 335 | Tremor stability index: a new tool for differential diagnosis in tremor syndromes. <i>Brain</i> , 2017 , 140, 1977-1986 | 10.8 | 58 |
| 334 | Restoring Tactile sensations via neural interfaces for real-time force-and-slippage closed-loop control of bionic hands. <i>Science Robotics</i> , 2019 , 4, | 18.6 | 57 |
| 333 | In vivo functional evaluation of central cholinergic circuits in vascular dementia. <i>Clinical Neurophysiology</i> , 2008 , 119, 2494-500 | 4.3 | 56 |
| 332 | Sensorimotor cortex excitability and connectivity in Alzheimer's disease: A TMS-EEG Co-registration study. <i>Human Brain Mapping</i> , 2016 , 37, 2083-96 | 5.9 | 56 |
| 331 | Does exposure to extremely low frequency magnetic fields produce functional changes in human brain?. <i>Journal of Neural Transmission</i> , 2009 , 116, 257-65 | 4.3 | 54 |
| 330 | Preliminary clinical observations on a new trigeminal reflex: the trigemino-cervical reflex. <i>Neurology</i> , 1996 , 46, 479-85 | 6.5 | 53 |
| 329 | Suppression of beta oscillations in the subthalamic nucleus following cortical stimulation in humans. <i>European Journal of Neuroscience</i> , 2008 , 28, 1686-95 | 3.5 | 53 |
| 328 | Corticospinal volleys evoked by transcranial stimulation of the brain in conscious humans. <i>Neurological Research</i> , 2003 , 25, 143-50 | 2.7 | 53 |
| 327 | Transcranial magnetic stimulation and BDNF plasma levels in amyotrophic lateral sclerosis. <i>NeuroReport</i> , 2004 , 15, 717-20 | 1.7 | 53 |
| 326 | Effects of voluntary contraction on descending volleys evoked by transcranial electrical stimulation over the motor cortex hand area in conscious humans. <i>Experimental Brain Research</i> , 1999 , 124, 525-8 | 2.3 | 53 |
| 325 | Short-latency trigemino-cervical reflexes in man. <i>Experimental Brain Research</i> , 1995 , 102, 474-82 | 2.3 | 53 |
| 324 | The contribution of magnetic stimulation of the motor cortex to the diagnosis of cervical spondylotic myelopathy. Correlation of central motor conduction to distal and proximal upper limb muscles with clinical and MRI findings. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1992 , 85, 311-20 | | 53 |
| 323 | Risk factor and etiology analysis of ischemic stroke in young adult patients. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, e221-7 | 2.8 | 52 |
| 322 | Low-frequency repetitive transcranial magnetic stimulation suppresses specific excitatory circuits in the human motor cortex. <i>Journal of Physiology</i> , 2008 , 586, 4481-7 | 3.9 | 51 |
| 321 | The THRombolysis and STatins (THRaST) study. <i>Neurology</i> , 2013 , 80, 655-61 | 6.5 | 50 |
| 320 | Infarct Topography and Detection of Atrial Fibrillation in Cryptogenic Stroke: Results from CRYSTAL AF. <i>Cerebrovascular Diseases</i> , 2015 , 40, 91-6 | 3.2 | 49 |

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|-----|--|-----|----|
| 319 | Descending volleys evoked by transcranial magnetic stimulation of the brain in conscious humans: effects of coil shape. <i>Clinical Neurophysiology</i> , 2002 , 113, 114-9 | 4.3 | 49 |
| 318 | Transcranial direct current stimulation effects on the excitability of corticospinal axons of the human cerebral cortex. <i>Brain Stimulation</i> , 2013 , 6, 641-3 | 5.1 | 48 |
| 317 | Augmentation-related brain plasticity. <i>Frontiers in Systems Neuroscience</i> , 2014 , 8, 109 | 3.5 | 48 |
| 316 | Persistent effects of high frequency repetitive TMS on the coupling between motor areas in the human. <i>Experimental Brain Research</i> , 2003 , 149, 107-13 | 2.3 | 48 |
| 315 | Val66Met BDNF gene polymorphism influences human motor cortex plasticity in acute stroke. <i>Brain Stimulation</i> , 2015 , 8, 92-6 | 5.1 | 47 |
| 314 | Transcranial direct current stimulation effects on I-wave activity in humans. <i>Journal of Neurophysiology</i> , 2011 , 105, 2802-10 | 3.2 | 47 |
| 313 | Oscillatory pallidal local field potential activity inversely correlates with limb dyskinesias in Parkinson's disease. <i>Experimental Neurology</i> , 2005 , 194, 523-9 | 5.7 | 47 |
| 312 | LTD-like plasticity induced by paired associative stimulation: direct evidence in humans. <i>Experimental Brain Research</i> , 2009 , 194, 661-4 | 2.3 | 46 |
| 311 | Excitability of the motor cortex to magnetic stimulation in patients with cerebellar lesions. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994 , 57, 108-10 | 5.5 | 46 |
| 310 | Inhibition of biceps brachii muscle motor area by painful heat stimulation of the skin. <i>Experimental Brain Research</i> , 2001 , 139, 168-72 | 2.3 | 45 |
| 309 | Central cholinergic dysfunction measured "in vivo" correlates with different behavioral disorders in Alzheimer's disease and dementia with Lewy body. <i>Brain Stimulation</i> , 2012 , 5, 533-8 | 5.1 | 44 |
| 308 | Cerebro-cerebellar interactions in man: neurophysiological studies in patients with focal cerebellar lesions. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1994 , 93, 27-34 | | 43 |
| 307 | Motor cortex changes in a patient with hemispherectomy. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995 , 97, 259-63 | | 42 |
| 306 | Disentangling EEG responses to TMS due to cortical and peripheral activations. <i>Brain Stimulation</i> , 2021 , 14, 4-18 | 5.1 | 42 |
| 305 | Transcranial Focused Ultrasound (tFUS) and Transcranial Unfocused Ultrasound (tUS) Neuromodulation: From Theoretical Principles to Stimulation Practices. <i>Frontiers in Neurology</i> , 2019 , 10, 549 | 4.1 | 41 |
| 304 | Oscillatory Activities in Neurological Disorders of Elderly: Biomarkers to Target for Neuromodulation. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 189 | 5.3 | 41 |
| 303 | The pathophysiology of giant SEPs in cortical myoclonus: a scalp topography and dipolar source modelling study. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1997 , 104, 122-31 | | 41 |
| 302 | Direct demonstration of reduction of the output of the human motor cortex induced by a fatiguing muscle contraction. <i>Experimental Brain Research</i> , 2003 , 149, 535-8 | 2.3 | 41 |

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|-----|--|-----|----|
| 301 | Transcutaneous Vagus Nerve Stimulation Combined with Robotic Rehabilitation Improves Upper Limb Function after Stroke. <i>Neural Plasticity</i> , 2017 , 2017, 7876507 | 3.3 | 40 |
| 300 | Origin and distribution of P13 and P14 far-field potentials after median nerve stimulation. Scalp, nasopharyngeal and neck recording in healthy subjects and in patients with cervical and cervico-medullary lesions. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 2007 , 117, 271-81 | | 40 |
| 299 | Correlation between Motor Cortex Excitability Changes and Cognitive Impairment in Vascular Depression: Pathophysiological Insights from a Longitudinal TMS Study. <i>Neural Plasticity</i> , 2016 , 2016, 8154969 | 3.3 | 40 |
| 298 | Cholinergic circuitry functioning in patients with vascular cognitive impairment--no dementia. <i>Brain Stimulation</i> , 2016 , 9, 225-33 | 5.1 | 39 |
| 297 | Wakefulness delta waves increase after cortical plasticity induction. <i>Clinical Neurophysiology</i> , 2015 , 126, 1221-1227 | 4.3 | 38 |
| 296 | Functional involvement of cerebral cortex in adult sleepwalking. <i>Journal of Neurology</i> , 2007 , 254, 1066-73 | 5 | 38 |
| 295 | Repetitive transcranial magnetic stimulation for ALS. A preliminary controlled study. <i>Neuroscience Letters</i> , 2006 , 408, 135-40 | 3.3 | 38 |
| 294 | Direct demonstration of the effects of repetitive paired-pulse transcranial magnetic stimulation at I-wave periodicity. <i>Clinical Neurophysiology</i> , 2007 , 118, 1193-7 | 4.3 | 37 |
| 293 | Reduced sensorimotor inhibition in the ipsilesional motor cortex in a patient with chronic stroke of the paramedian thalamus. <i>Clinical Neurophysiology</i> , 2005 , 116, 2592-8 | 4.3 | 37 |
| 292 | Comparison of descending volleys evoked by transcranial and epidural motor cortex stimulation in a conscious patient with bulbar pain. <i>Clinical Neurophysiology</i> , 2004 , 115, 834-8 | 4.3 | 37 |
| 291 | Segmental dysfunction of the cervical cord revealed by abnormalities of the spinal N13 potential in cervical spondylotic myelopathy. <i>Neurology</i> , 1992 , 42, 1054-63 | 6.5 | 37 |
| 290 | Quantitative Analysis of Bradykinesia and Rigidity in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018 , 9, 121 | 4.1 | 36 |
| 289 | The level of cortical afferent inhibition in acute stroke correlates with long-term functional recovery in humans. <i>Stroke</i> , 2012 , 43, 250-2 | 6.7 | 36 |
| 288 | The Psychological Impact of COVID-19 Pandemic on People With Multiple Sclerosis. <i>Frontiers in Neurology</i> , 2020 , 11, 580507 | 4.1 | 36 |
| 287 | Which patients discontinue? Issues on Levodopa/carbidopa intestinal gel treatment: Italian multicentre survey of 905 patients with long-term follow-up. <i>Parkinsonism and Related Disorders</i> , 2017 , 38, 90-92 | 3.6 | 35 |
| 286 | Inhibitory theta burst stimulation of affected hemisphere in chronic stroke: a proof of principle, sham-controlled study. <i>Neuroscience Letters</i> , 2013 , 553, 148-52 | 3.3 | 35 |
| 285 | Direct demonstration that repetitive transcranial magnetic stimulation can enhance corticospinal excitability in stroke. <i>Stroke</i> , 2006 , 37, 2850-3 | 6.7 | 35 |
| 284 | Motor cortex hyperexcitability to transcranial magnetic stimulation in Alzheimer's disease: evidence of impaired glutamatergic neurotransmission?. <i>Annals of Neurology</i> , 2003 , 53, 824; author reply 824-5 | 9.4 | 35 |

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|-----|--|------|----|
| 283 | Classification Accuracy of Transcranial Magnetic Stimulation for the Diagnosis of Neurodegenerative Dementias. <i>Annals of Neurology</i> , 2020 , 87, 394-404 | 9.4 | 34 |
| 282 | Boosting the LTP-like plasticity effect of intermittent theta-burst stimulation using gamma transcranial alternating current stimulation. <i>Brain Stimulation</i> , 2018 , 11, 734-742 | 5.1 | 34 |
| 281 | Neurophysiological abnormalities in adrenoleukodystrophy carriers. Evidence of different degrees of central nervous system involvement. <i>Brain</i> , 1997 , 120 (Pt 7), 1139-48 | 11.2 | 34 |
| 280 | BDNF plasma levels in acute stroke. <i>Neuroscience Letters</i> , 2007 , 422, 128-30 | 3.3 | 34 |
| 279 | Microcircuit mechanisms involved in paired associative stimulation-induced depression of corticospinal excitability. <i>Journal of Physiology</i> , 2013 , 591, 4903-20 | 3.9 | 31 |
| 278 | Cathodal transcranial direct current stimulation reduces seizure frequency in adults with drug-resistant temporal lobe epilepsy: A sham controlled study. <i>Brain Stimulation</i> , 2017 , 10, 333-335 | 5.1 | 30 |
| 277 | Standardizing the intensity of upper limb treatment in rehabilitation medicine. <i>Clinical Rehabilitation</i> , 2010 , 24, 471-8 | 3.3 | 30 |
| 276 | Effect of movement on dipolar source activities of somatosensory evoked potentials. <i>Muscle and Nerve</i> , 1999 , 22, 1510-9 | 3.4 | 30 |
| 275 | Literature Review on the Effects of tDCS Coupled with Robotic Therapy in Post Stroke Upper Limb Rehabilitation. <i>Frontiers in Human Neuroscience</i> , 2017 , 11, 268 | 3.3 | 29 |
| 274 | Motor cortex stimulation for ALS: a double blind placebo-controlled study. <i>Neuroscience Letters</i> , 2009 , 464, 18-21 | 3.3 | 29 |
| 273 | Role of motor evoked potentials in diagnosis of cauda equina and lumbosacral cord lesions. <i>Neurology</i> , 2004 , 63, 2266-71 | 6.5 | 29 |
| 272 | Motor cortex stimulation for amyotrophic lateral sclerosis. Time for a therapeutic trial?. <i>Clinical Neurophysiology</i> , 2004 , 115, 1479-85 | 4.3 | 29 |
| 271 | Cerebral blood flow and metabolic changes produced by repetitive magnetic brain stimulation. <i>Journal of Neurology</i> , 1999 , 246, 1164-8 | 5.5 | 29 |
| 270 | Interferon-alpha may benefit steroid unresponsive chronic inflammatory demyelinating polyneuropathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1995 , 58, 638-9 | 5.5 | 29 |
| 269 | Age-related changes of cortical excitability and connectivity in healthy humans: non-invasive evaluation of sensorimotor network by means of TMS-EEG. <i>Neuroscience</i> , 2017 , 357, 255-263 | 3.9 | 28 |
| 268 | Contrast transoesophageal echocardiography remains superior to contrast-enhanced cardiac magnetic resonance imaging for the diagnosis of patent foramen ovale. <i>European Journal of Echocardiography</i> , 2011 , 12, 222-7 | | 28 |
| 267 | Short latency trigemino-sternocleidomastoid response in muscles in patients with spasmodic torticollis and blepharospasm. <i>Clinical Neurophysiology</i> , 2000 , 111, 1672-7 | 4.3 | 28 |
| 266 | Intermuscular coherence in Parkinson's disease: relationship to bradykinesia. <i>NeuroReport</i> , 2001 , 12, 2577-81 | 1.7 | 28 |

| | | | |
|-----|---|-----|----|
| 265 | Somatosensory evoked potentials after multisegmental upper limb stimulation in diagnosis of cervical spondylotic myelopathy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1994 , 57, 301-8 | 5.5 | 28 |
| 264 | Gait Analysis in Parkinson's Disease: An Overview of the Most Accurate Markers for Diagnosis and Symptoms Monitoring. <i>Sensors</i> , 2020 , 20, | 3.8 | 27 |
| 263 | Epilepsy-associated stigma from the perspective of people with epilepsy and the community in Italy. <i>Epilepsy and Behavior</i> , 2019 , 98, 66-72 | 3.2 | 27 |
| 262 | Functional involvement of cerebral cortex in human narcolepsy. <i>Journal of Neurology</i> , 2005 , 252, 56-61 | 5.5 | 27 |
| 261 | Open-door laminoplasty for cervical stenotic myelopathy: surgical technique and neurophysiological monitoring. <i>Journal of Neurosurgery: Spine</i> , 2000 , 92, 38-43 | 2.8 | 27 |
| 260 | Cortical involvement in celiac disease before and after long-term gluten-free diet: A Transcranial Magnetic Stimulation study. <i>PLoS ONE</i> , 2017 , 12, e0177560 | 3.7 | 27 |
| 259 | A useful electroencephalography (EEG) marker of brain plasticity: delta waves. <i>Neural Regeneration Research</i> , 2015 , 10, 1216-7 | 4.5 | 27 |
| 258 | Val66Met BDNF Polymorphism Implies a Different Way to Recover From Stroke Rather Than a Worse Overall Recoverability. <i>Neurorehabilitation and Neural Repair</i> , 2016 , 30, 3-8 | 4.7 | 26 |
| 257 | Depressive symptoms and difficulties in emotion regulation in adult patients with epilepsy: Association with quality of life and stigma. <i>Epilepsy and Behavior</i> , 2020 , 107, 107073 | 3.2 | 26 |
| 256 | Fatigue in multiple sclerosis: The role of thalamus. <i>Multiple Sclerosis Journal</i> , 2020 , 26, 6-16 | 5 | 26 |
| 255 | Electroencephalography at the time of Covid-19 pandemic in Italy. <i>Neurological Sciences</i> , 2020 , 41, 1999-2004 | 3.9 | 25 |
| 254 | Invasive neural interfaces: the perspective of the surgeon. <i>Journal of Surgical Research</i> , 2014 , 188, 77-87 | 2.5 | 25 |
| 253 | Bilateral thalamic stroke transiently reduces arousals and NREM sleep instability. <i>Journal of the Neurological Sciences</i> , 2011 , 300, 151-4 | 3.2 | 25 |
| 252 | Ischaemic myelopathy associated with cocaine: clinical, neurophysiological, and neuroradiological features. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1997 , 63, 531-3 | 5.5 | 25 |
| 251 | Functional involvement of cerebral cortex in Duchenne muscular dystrophy. <i>Muscle and Nerve</i> , 1998 , 21, 662-4 | 3.4 | 25 |
| 250 | Bilateral implantation in globus pallidus internus and in subthalamic nucleus in Parkinson's disease. <i>Neuromodulation</i> , 2005 , 8, 1-6 | 3.1 | 25 |
| 249 | Large-scale analysis of interindividual variability in theta-burst stimulation data: Results from the 'Big TMS Data Collaboration'. <i>Brain Stimulation</i> , 2020 , 13, 1476-1488 | 5.1 | 25 |
| 248 | Parkinson's Disease Remote Patient Monitoring During the COVID-19 Lockdown. <i>Frontiers in Neurology</i> , 2020 , 11, 567413 | 4.1 | 25 |

| | | | |
|-----|---|------|----|
| 247 | Age, Height, and Sex on Motor Evoked Potentials: Translational Data From a Large Italian Cohort in a Clinical Environment. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 185 | 3.3 | 24 |
| 246 | Neurophysiologic follow-up of long-term dietary treatment in adult-onset adrenoleukodystrophy. <i>Neurology</i> , 1999 , 52, 810-6 | 6.5 | 24 |
| 245 | Enhanced human brain associative plasticity in Costello syndrome. <i>Journal of Physiology</i> , 2010 , 588, 3445-56 | 3.56 | 23 |
| 244 | Hippocampal magnetic resonance imaging abnormalities in transient global amnesia. <i>Archives of Neurology</i> , 2005 , 62, 1468-9 | | 23 |
| 243 | Unaffected motor cortex remodeling after hemispherectomy in an epileptic cerebral palsy patient. A TMS and fMRI study. <i>Epilepsy Research</i> , 2009 , 85, 243-51 | 3 | 22 |
| 242 | Dipolar generators of the early scalp somatosensory evoked potentials to tibial nerve stimulation in human subjects. <i>Neuroscience Letters</i> , 1997 , 238, 49-52 | 3.3 | 22 |
| 241 | Normal or enhanced short-latency afferent inhibition in Parkinson's disease?. <i>Brain</i> , 2004 , 127, E8; author reply E9 | 11.2 | 22 |
| 240 | Anterior cervical epidural abscess treated by endoscopy-assisted minimally invasive microsurgery via posterior approach. <i>Minimally Invasive Neurosurgery</i> , 1998 , 41, 161-5 | | 22 |
| 239 | Click-evoked vestibulocollic reflexes in torticollis. <i>Movement Disorders</i> , 1995 , 10, 455-9 | 7 | 22 |
| 238 | Slow Activity in Focal Epilepsy During Sleep and Wakefulness. <i>Clinical EEG and Neuroscience</i> , 2017 , 48, 200-208 | 2.3 | 21 |
| 237 | Transcranial Alternating Current Stimulation Has Frequency-Dependent Effects on Motor Learning in Healthy Humans. <i>Neuroscience</i> , 2019 , 411, 130-139 | 3.9 | 21 |
| 236 | LTD-like plasticity of the human primary motor cortex can be reversed by tACS. <i>Brain Stimulation</i> , 2019 , 12, 1490-1499 | 5.1 | 21 |
| 235 | Synaptic plasticity in neurodegenerative diseases evaluated and modulated by in vivo neurophysiological techniques. <i>Molecular Neurobiology</i> , 2012 , 46, 563-71 | 6.2 | 21 |
| 234 | Changes in motor cortex excitability in facioscapulohumeral muscular dystrophy. <i>Neuromuscular Disorders</i> , 2004 , 14, 39-45 | 2.9 | 21 |
| 233 | Eslicarbazepine Acetate Modulates EEG Activity and Connectivity in Focal Epilepsy. <i>Frontiers in Neurology</i> , 2018 , 9, 1054 | 4.1 | 21 |
| 232 | Effects of Transcranial Alternating Current Stimulation on Repetitive Finger Movements in Healthy Humans. <i>Neural Plasticity</i> , 2018 , 2018, 4593095 | 3.3 | 21 |
| 231 | Age related differences in functional synchronization of EEG activity as evaluated by means of TMS-EEG coregistrations. <i>Neuroscience Letters</i> , 2017 , 647, 141-146 | 3.3 | 20 |
| 230 | Fast Intracortical Sensory-Motor Integration: A Window Into the Pathophysiology of Parkinson's Disease. <i>Frontiers in Human Neuroscience</i> , 2019 , 13, 111 | 3.3 | 20 |

| | | | |
|-----|---|-----|----|
| 229 | Changes in spinal cord excitability in a patient with rhythmic segmental myoclonus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1996 , 61, 641-4 | 5.5 | 20 |
| 228 | Dissociation induced by voluntary movement between two different components of the centro-parietal P40 SEP to tibial nerve stimulation. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1998 , 108, 190-8 | | 20 |
| 227 | Combining Robotic Training and Non-Invasive Brain Stimulation in Severe Upper Limb-Impaired Chronic Stroke Patients. <i>Frontiers in Neuroscience</i> , 2016 , 10, 88 | 5.1 | 20 |
| 226 | Brain Functional Connectivity Changes After Transcranial Direct Current Stimulation in Epileptic Patients. <i>Frontiers in Neural Circuits</i> , 2018 , 12, 44 | 3.5 | 19 |
| 225 | Subdural Continuous Theta Burst Stimulation of the Motor Cortex in Essential Tremor. <i>Brain Stimulation</i> , 2015 , 8, 840-2 | 5.1 | 19 |
| 224 | Short-lasting impairment of temperature perception by high frequency rTMS of the sensorimotor cortex. <i>Clinical Neurophysiology</i> , 2005 , 116, 1072-6 | 4.3 | 19 |
| 223 | Direct recording of the output of the motor cortex produced by transcranial magnetic stimulation in a patient with cerebral cortex atrophy. <i>Clinical Neurophysiology</i> , 2004 , 115, 112-5 | 4.3 | 19 |
| 222 | Transcutaneous and invasive vagal nerve stimulations engage the same neural pathways: In-vivo human evidence. <i>Brain Stimulation</i> , 2017 , 10, 853-854 | 5.1 | 18 |
| 221 | Benefit-risk profile of cytoreductive drugs along with antiplatelet and antithrombotic therapy after transient ischemic attack or ischemic stroke in myeloproliferative neoplasms. <i>Blood Cancer Journal</i> , 2018 , 8, 25 | 7 | 18 |
| 220 | Reduced cerebral cortex inhibition in dystonia: direct evidence in humans. <i>Clinical Neurophysiology</i> , 2009 , 120, 834-9 | 4.3 | 18 |
| 219 | Brain-stem somatosensory dysfunction in a case of long-standing left hemispherectomy with removal of the left thalamus: a nasopharyngeal and scalp SEP study. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1996 , 100, 184-8 | | 18 |
| 218 | Heterozygous SOD1 D90A mutation presenting as slowly progressive predominant upper motor neuron amyotrophic lateral sclerosis. <i>Neurological Sciences</i> , 2009 , 30, 517-20 | 3.5 | 17 |
| 217 | Sensory- and Action-Oriented Embodiment of Neurally-Interfaced Robotic Hand Prostheses. <i>Frontiers in Neuroscience</i> , 2020 , 14, 389 | 5.1 | 16 |
| 216 | The role of motor neuron drive in muscle fatigue. <i>Neuromuscular Disorders</i> , 2012 , 22 Suppl 3, S157-61 | 2.9 | 16 |
| 215 | Long-term motor cortex stimulation for amyotrophic lateral sclerosis. <i>Brain Stimulation</i> , 2010 , 3, 22-7 | 5.1 | 16 |
| 214 | Complex dyskinesias in Parkinson patients on levodopa/carbidopa intestinal gel. <i>Parkinsonism and Related Disorders</i> , 2019 , 69, 140-146 | 3.6 | 16 |
| 213 | Measuring the effects of first antiepileptic medication in Temporal Lobe Epilepsy: Predictive value of quantitative-EEG analysis. <i>Clinical Neurophysiology</i> , 2021 , 132, 25-35 | 4.3 | 16 |
| 212 | Transient epileptic and global amnesia: Real-life differential diagnosis. <i>Epilepsy and Behavior</i> , 2018 , 88, 205-211 | 3.2 | 16 |

| | | | |
|-----|---|-----|----|
| 211 | Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. <i>Clinical Neurophysiology</i> , 2021 , 132, 2568-2607 | 4.3 | 16 |
| 210 | Niemann-Pick type C: focus on the adolescent/adult onset form. <i>International Journal of Neuroscience</i> , 2016 , 126, 963-71 | 2 | 15 |
| 209 | Giant central N20-P22 with normal area 3b N20-P20: an argument in favour of an area 3a generator of early median nerve cortical SEPs?. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1997 , 104, 60-7 | | 15 |
| 208 | Functional involvement of central nervous system in acute exacerbation of chronic obstructive pulmonary disease A preliminary transcranial magnetic stimulation study. <i>Journal of Neurology</i> , 2002 , 249, 1232-6 | 5.5 | 15 |
| 207 | The role of upper limb somatosensory evoked potentials in the management of cervical spondylotic myelopathy: preliminary data. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1994 , 92, 502-9 | | 15 |
| 206 | Electroencephalography during SARS-CoV-2 outbreak: practical recommendations from the task force of the Italian Society of Neurophysiology (SINC), the Italian League Against Epilepsy (LICE), and the Italian Association of Neurophysiology Technologists (AITN). <i>Neurological Sciences</i> , 2020 , 111, 2245-2254 | 3.5 | 15 |
| 205 | Classification accuracy of TMS for the diagnosis of mild cognitive impairment. <i>Brain Stimulation</i> , 2021 , 14, 241-249 | 5.1 | 15 |
| 204 | Motor Cortex Inputs at the Optimum Phase of Beta Cortical Oscillations Undergo More Rapid and Less Variable Corticospinal Propagation. <i>Journal of Neuroscience</i> , 2020 , 40, 369-381 | 6.6 | 15 |
| 203 | N24 spinal response to tibial nerve stimulation and magnetic resonance imaging in lesions of the lumbosacral spinal cord. <i>Neurology</i> , 1993 , 43, 2269-75 | 6.5 | 14 |
| 202 | Evaluation and Treatment of Vascular Cognitive Impairment by Transcranial Magnetic Stimulation. <i>Neural Plasticity</i> , 2020 , 2020, 8820881 | 3.3 | 13 |
| 201 | The role of motor-evoked potentials in the management of cervical spondylotic myelopathy. <i>Spine Journal</i> , 2013 , 13, 1077-9 | 4 | 13 |
| 200 | Repetitive transcranial magnetic stimulation for ALS. <i>CNS and Neurological Disorders - Drug Targets</i> , 2010 , 9, 331-4 | 2.6 | 13 |
| 199 | Repetitive transcranial magnetic stimulation of the motor cortex for hemichorea. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2006 , 77, 1095-7 | 5.5 | 13 |
| 198 | Trigemino-cervical reflexes: clinical applications and neuroradiological correlations. <i>Supplements To Clinical Neurophysiology</i> , 2006 , 58, 110-9 | | 13 |
| 197 | Pallidal activity recorded in patients with implanted electrodes predictively correlates with eventual performance in a timing task. <i>Neuroscience Letters</i> , 2002 , 330, 188-92 | 3.3 | 13 |
| 196 | Motor cortex changes in a patient with hemispherectomy. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1995 , 97, 259-263 | | 13 |
| 195 | Central sensory and motor conduction in vitamin B12 deficiency. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1992 , 84, 433-9 | | 13 |
| 194 | Intracortical inhibition is reduced in a patient with a lesion in the posterolateral thalamus. <i>Movement Disorders</i> , 2002 , 17, 208-12 | 7 | 12 |

| | | | |
|-----|---|-----|----|
| 193 | Spinal responses to median and tibial nerve stimulation and magnetic resonance imaging in intramedullary cord lesions. <i>Neurology</i> , 1996 , 46, 1706-14 | 6.5 | 12 |
| 192 | Human Motor Cortex Functional Changes in Acute Stroke: Gender Effects. <i>Frontiers in Neuroscience</i> , 2016 , 10, 10 | 5.1 | 12 |
| 191 | Effects of repetitive TMS of the motor cortex on disease progression and on glutamate and GABA levels in ALS: A proof of principle study. <i>Brain Stimulation</i> , 2017 , 10, 1003-1005 | 5.1 | 11 |
| 190 | Spinal hemangioblastoma presenting with low back pain in pregnancy. <i>Spine Journal</i> , 2013 , 13, e27-9 | 4 | 11 |
| 189 | Hyperventilation induces sympathetic overactivation in mesial temporal epilepsy. <i>Epilepsy Research</i> , 2015 , 110, 221-7 | 3 | 11 |
| 188 | Dyskinesias during levodopa-carbidopa intestinal gel (LCIG) infusion: Management in clinical practice. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 327-8 | 3.6 | 11 |
| 187 | The scalp to earlobe montage as standard in routine SEP recording. Comparison with the non-cephalic reference in patients with lesions of the upper cervical cord. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1998 , 108, 414-21 | | 11 |
| 186 | Thalamo-cortical network dysfunction in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2020 , 131, 548-554 | 4.3 | 11 |
| 185 | Nutritional Status of Patients with Alzheimer's Disease and Their Caregivers. <i>Journal of Alzheimer's Disease</i> , 2016 , 54, 1619-1627 | 4.3 | 11 |
| 184 | Neurophysiological measurements of affected and unaffected motor cortex from a cross-sectional, multi-center individual stroke patient data analysis study. <i>Neurophysiologie Clinique</i> , 2016 , 46, 53-61 | 2.7 | 10 |
| 183 | Dystonia in Costello syndrome. <i>Parkinsonism and Related Disorders</i> , 2012 , 18, 798-800 | 3.6 | 10 |
| 182 | Transient global amnesia during transoesophageal echocardiogram. <i>Neurological Sciences</i> , 2008 , 29, 477-95 | 3.5 | 10 |
| 181 | Somatosensory and motor evoked potentials in the assessment of cerebrotendinous xanthomatosis before and after treatment with chenodeoxycholic acid: a preliminary study. <i>Journal of the Neurological Sciences</i> , 1992 , 112, 139-46 | 3.2 | 10 |
| 180 | Thalamic and cortical hyperexcitability in juvenile myoclonic epilepsy. <i>Clinical Neurophysiology</i> , 2020 , 131, 2041-2046 | 4.3 | 10 |
| 179 | Idiopathic infratentorial superficial siderosis of the central nervous system: case report and review of literature. <i>Neurologia i Neurochirurgia Polska</i> , 2018 , 52, 102-106 | 1 | 10 |
| 178 | Causes of chronic neuropathies: a single-center experience. <i>Neurological Sciences</i> , 2019 , 40, 1611-1617 | 3.5 | 9 |
| 177 | Dopamine dysregulation syndrome and puning in levodopa-carbidopa intestinal gel (LCIG) infusion: A serious but preventable complication. <i>Parkinsonism and Related Disorders</i> , 2015 , 21, 1124-5 | 3.6 | 9 |
| 176 | Neurophysiological Signatures of Motor Impairment in Patients with Rett Syndrome. <i>Annals of Neurology</i> , 2020 , 87, 763-773 | 9.4 | 9 |

| | | |
|-----|--|-------|
| 175 | Calcium metabolism serum markers in adult patients with epilepsy and the effect of vitamin D supplementation on seizure control. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018 , 58, 75-81 ² | 9 |
| 174 | Differential Effects of HRAS Mutation on LTP-Like Activity Induced by Different Protocols of Repetitive Transcranial Magnetic Stimulation. <i>Brain Stimulation</i> , 2016 , 9, 33-8 | 5.1 9 |
| 173 | Dramatic improvement of parkinsonian symptoms after gluten-free diet introduction in a patient with silent celiac disease. <i>Journal of Neurology</i> , 2014 , 261, 443-5 | 5.5 9 |
| 172 | Efficacy of cathodal transcranial direct current stimulation in drug-resistant epilepsy: a proof of principle. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2014 , 2014, 530-3 | 0.9 9 |
| 171 | Stroke prediction after transient ischemic attacks in patients admitted to a stroke unit. <i>European Neurology</i> , 2012 , 67, 34-8 | 2.1 9 |
| 170 | Abnormalities of somatosensory and motor evoked potentials in adrenomyeloneuropathy: comparison with magnetic resonance imaging and clinical findings. <i>Muscle and Nerve</i> , 1997 , 20, 1249-57 ^{3,4} | 9 |
| 169 | Postural axial tremor in a patient with cerebellar atrophy. <i>Movement Disorders</i> , 1992 , 7, 273-80 | 7 9 |
| 168 | Excessive daytime sleepiness is associated to the development of swallowing impairment in a cohort of early stage drug naïve Parkinson's disease patients. <i>Journal of the Neurological Sciences</i> , 2020 , 410, 116626 | 3.2 9 |
| 167 | Neurobiological After-Effects of Low Intensity Transcranial Electric Stimulation of the Human Nervous System: From Basic Mechanisms to Metaplasticity. <i>Frontiers in Neurology</i> , 2021 , 12, 587771 | 4.1 9 |
| 166 | COVID-19 in teriflunomide-treated patients with multiple sclerosis: A case report and literature review. <i>Multiple Sclerosis and Related Disorders</i> , 2021 , 48, 102734 | 4 9 |
| 165 | Stroke in critically ill patients. <i>Minerva Anestesiologica</i> , 2009 , 75, 245-50 | 1.9 9 |
| 164 | An open-label, one-arm, dose-escalation study to evaluate safety and tolerability of extremely low frequency magnetic fields in acute ischemic stroke. <i>Scientific Reports</i> , 2017 , 7, 12145 | 4.9 8 |
| 163 | Cortical inhibitory dysfunction in epilepsia partialis continua: A high frequency oscillation somatosensory evoked potential study. <i>Clinical Neurophysiology</i> , 2019 , 130, 439-444 | 4.3 8 |
| 162 | Antidepressant effect of vagal nerve stimulation in epilepsy patients: a systematic review. <i>Neurological Sciences</i> , 2020 , 41, 3075-3084 | 3.5 8 |
| 161 | The effects of antiepileptic drugs on high-frequency oscillations in somatosensory evoked potentials. <i>Clinical Neurophysiology</i> , 2020 , 131, 1917-1924 | 4.3 8 |
| 160 | The Potential Role of Neurophysiology in the Management of Multiple Sclerosis-Related Fatigue. <i>Frontiers in Neurology</i> , 2020 , 11, 251 | 4.1 8 |
| 159 | The ROME (Retrospective Observational Multicenter study on Eslicarbazepine) study: Efficacy and behavioural effects of Eslicarbazepine acetate as adjunctive therapy for adults with partial onset seizures in real life. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018 , 58, 35-40 | 3.2 8 |
| 158 | Biological effects of non-invasive brain stimulation. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2013 , 116, 367-74 | 3 8 |

| | | | |
|-----|---|-----|---|
| 157 | A novel c132-134del mutation in Unverricht-Lundborg disease and the review of literature of heterozygous compound patients. <i>Epilepsia</i> , 2017 , 58, e31-e35 | 6.4 | 8 |
| 156 | CB1 receptor antagonism/inverse agonism increases motor system excitability in humans. <i>European Neuropsychopharmacology</i> , 2012 , 22, 27-35 | 1.2 | 8 |
| 155 | Functional involvement of central nervous system in mitochondrial disorders. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1997 , 105, 171-80 | | 8 |
| 154 | Use of transcranial magnetic stimulation of the brain in stroke rehabilitation. <i>Expert Review of Neurotherapeutics</i> , 2007 , 7, 249-58 | 4.3 | 8 |
| 153 | Concomitant post-traumatic craniocervical junction epidural hematoma and pontomedullary junction infarction: clinical, neurophysiologic, and neuroradiologic features. <i>Spine</i> , 2000 , 25, 888-90 | 3.3 | 8 |
| 152 | Immunogenicity and safety of mRNA COVID-19 vaccines in people with multiple sclerosis treated with different disease-modifying therapies. <i>Neurotherapeutics</i> , 2021 , 1 | 6.4 | 8 |
| 151 | Longitudinal quantitative electroencephalographic study in mono-hemispheric stroke patients. <i>Neural Regeneration Research</i> , 2019 , 14, 1237-1246 | 4.5 | 8 |
| 150 | Temporal Lobe Epilepsy and Alzheimer's Disease: From Preclinical to Clinical Evidence of a Strong Association. <i>Journal of Alzheimer's Disease Reports</i> , 2021 , 5, 243-261 | 3.3 | 8 |
| 149 | Effects of the noncompetitive AMPA receptor antagonist perampanel on thalamo-cortical excitability: A study of high-frequency oscillations in somatosensory evoked potentials. <i>Clinical Neurophysiology</i> , 2021 , 132, 1049-1056 | 4.3 | 8 |
| 148 | Epilepsy and quality of life: what does really matter?. <i>Neurological Sciences</i> , 2021 , 42, 3757-3765 | 3.5 | 8 |
| 147 | Evidence for associative plasticity in the human visual cortex. <i>Brain Stimulation</i> , 2019 , 12, 705-713 | 5.1 | 7 |
| 146 | Biomechanical and neural changes evaluation induced by prolonged use of non-stable footwear: a systematic review. <i>Musculoskeletal Surgery</i> , 2015 , 99, 179-87 | 2.4 | 7 |
| 145 | Safety and effects on motor cortex excitability of five cathodal transcranial direct current stimulation sessions in 25hours. <i>Neurophysiologie Clinique</i> , 2018 , 48, 77-87 | 2.7 | 7 |
| 144 | Motor cortex stimulation for ALS: open label extension study of a previous small trial. <i>Brain Stimulation</i> , 2014 , 7, 143-4 | 5.1 | 7 |
| 143 | Neurophysiological evaluation of the pedunculopontine nucleus in humans. <i>Journal of Neural Transmission</i> , 2011 , 118, 1423-9 | 4.3 | 7 |
| 142 | Generation of I waves in the human: spinal recordings. <i>Supplements To Clinical Neurophysiology</i> , 2003 , 56, 143-52 | | 7 |
| 141 | Radicular myoclonus induced by repetitive neck movements in a patient with cervical spondylosis. <i>Neurology</i> , 2004 , 63, 2190-1 | 6.5 | 7 |
| 140 | Direct current motor cortex stimulation for amyotrophic lateral sclerosis: a proof of principle study. <i>Brain Stimulation</i> , 2013 , 6, 969-70 | 5.1 | 6 |

| | | | |
|-----|--|-----|---|
| 139 | The effect of practice on random number generation task: a transcranial direct current stimulation study. <i>Neurobiology of Learning and Memory</i> , 2014 , 114, 51-7 | 3.1 | 6 |
| 138 | Osteomalacic myopathy: an uncommon side effect of antiepileptic drugs. <i>Muscle and Nerve</i> , 2013 , 48, 837-8 | 3.4 | 6 |
| 137 | Large middle cerebral artery dissecting aneurysm mimicking hemorrhagic stroke. <i>Clinical Neurology and Neurosurgery</i> , 2011 , 113, 901-3 | 2 | 6 |
| 136 | Tired legs--a gut diagnosis. <i>Lancet, The</i> , 2010 , 376, 1798 | 4.0 | 6 |
| 135 | Neurological picture. A case of stroke induced micrographia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2009 , 80, 1356 | 5.5 | 6 |
| 134 | An unusual cause of dysphagia and dysphonia. <i>Neurology</i> , 2005 , 64, 922 | 6.5 | 6 |
| 133 | Detecting cortical circuits resonant to high-frequency oscillations in the human primary motor cortex: a TMS-tACS study. <i>Scientific Reports</i> , 2020 , 10, 7695 | 4.9 | 6 |
| 132 | Thalamo-cortical dysfunction contributes to fatigability in multiple sclerosis patients: A neurophysiological study. <i>Multiple Sclerosis and Related Disorders</i> , 2019 , 39, 101897 | 4 | 6 |
| 131 | Frozen shoulder or shoulder stiffness from Parkinson disease?. <i>Musculoskeletal Surgery</i> , 2019 , 103, 115-119 | 4.9 | 6 |
| 130 | Large-scale analysis of interindividual variability in single and paired-pulse TMS data. <i>Clinical Neurophysiology</i> , 2021 , 132, 2639-2653 | 4.3 | 6 |
| 129 | De novo multifocal myoclonus induced by lamotrigine in a temporal lobe epilepsy case. <i>Journal of the Neurological Sciences</i> , 2017 , 373, 31-32 | 3.2 | 5 |
| 128 | Intrasession Reliability of Single and Paired Pulse TMS Evoked From the Biceps Brachii Representation of the Human Motor Cortex. <i>Brain Stimulation</i> , 2015 , 8, 660-1 | 5.1 | 5 |
| 127 | Familiarity for famous faces and names is not equally subtended by the right and left temporal poles. Evidence from an rTMS study. <i>Neurobiology of Learning and Memory</i> , 2015 , 125, 15-23 | 3.1 | 5 |
| 126 | Effect of coil orientation on motor-evoked potentials in humans with tetraplegia. <i>Journal of Physiology</i> , 2018 , 596, 4909-4921 | 3.9 | 5 |
| 125 | Transient epileptic amnesia: clinical report of a cohort of patients. <i>Clinical EEG and Neuroscience</i> , 2014 , 45, 179-83 | 2.3 | 5 |
| 124 | Cardiovascular impairment in a patient with acute myelitis. <i>Spinal Cord</i> , 2013 , 51, 511-3 | 2.7 | 5 |
| 123 | MRI neurography findings in patients with idiopathic brachial plexopathy: correlations with clinical-neurophysiological data in eight consecutive cases. <i>Internal Medicine</i> , 2013 , 52, 2031-9 | 1.1 | 5 |
| 122 | Extradural arachnoid cyst with lumbosacral cord and root compression in marfan syndrome. <i>Archives of Neurology</i> , 2007 , 64, 284-5 | | 5 |

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| 121 | A Possible Pathogenic Linkage Among Headache, Migraine, and Nocturnal Enuresis in Children. <i>International Neurourology Journal</i> , 2016 , 20, 311-315 | 2.6 | 5 |
| 120 | The management of carotid restenosis: a comprehensive review. <i>Annals of Translational Medicine</i> , 2020 , 8, 1272 | 3.2 | 5 |
| 119 | Perampanel Improves Cortical Myoclonus and Disability in Progressive Myoclonic Epilepsies: A Case Series and a Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2021 , 12, 630366 | 4.1 | 5 |
| 118 | Posterior Reversible Encephalopathy Syndrome and brain haemorrhage as COVID-19 complication: a review of the available literature. <i>Journal of Neurology</i> , 2021 , 268, 4407-4414 | 5.5 | 5 |
| 117 | "Mute" plantar response: does the cortico-spinal tract "speak"?. <i>Brain Stimulation</i> , 2019 , 12, 1579-1580 | 5.1 | 5 |
| 116 | GEN-O-MA project: an Italian network studying clinical course and pathogenic pathways of moyamoya disease-study protocol and preliminary results. <i>Neurological Sciences</i> , 2019 , 40, 561-570 | 3.5 | 5 |
| 115 | Safety and effects on motor cortex excitability of five anodal transcranial direct current stimulation sessions in 24hours. <i>Neurophysiologie Clinique</i> , 2019 , 49, 19-25 | 2.7 | 5 |
| 114 | Clinical utility of home videos for diagnosing epileptic seizures: a systematic review and practical recommendations for optimal and safe recording. <i>Neurological Sciences</i> , 2021 , 42, 1301-1309 | 3.5 | 5 |
| 113 | COVID-19 in multiple sclerosis patients treated with dimethyl fumarate. <i>Journal of Neurology</i> , 2021 , 268, 3132-3134 | 5.5 | 5 |
| 112 | Extremely Low Frequency Magnetic Fields Do Not Affect LTP-Like Plasticity in Healthy Humans. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 14 | 3.3 | 4 |
| 111 | Patient Semi-specific Computational Modeling of Electromagnetic Stimulation Applied to Neuroprotective Treatments in Acute Ischemic Stroke. <i>Scientific Reports</i> , 2020 , 10, 2945 | 4.9 | 4 |
| 110 | Thrombosis of a developmental venous anomaly in inflammatory bowel disease: case report and radiologic follow-up. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013 , 22, e250-3 | 2.8 | 4 |
| 109 | Clinical reasoning: a case of slowly progressive painful paraparesis. <i>Neurology</i> , 2014 , 82, 1476-9 | 6.5 | 4 |
| 108 | Relapsing-remitting severe generalized muscular weakness after botulinum toxin treatment for hyperhidrosis. <i>Muscle and Nerve</i> , 2014 , 50, 456-7 | 3.4 | 4 |
| 107 | Muscle cramps and weakness after teriparatide therapy: a new drug-induced myopathy?. <i>Muscle and Nerve</i> , 2013 , 47, 615 | 3.4 | 4 |
| 106 | Teaching NeuroImages: transient epileptic amnesia. <i>Neurology</i> , 2010 , 75, e47-8 | 6.5 | 4 |
| 105 | Positional brain ischemia with MCA occlusion successfully treated with extra-intracranial bypass. <i>Cerebrovascular Diseases</i> , 2010 , 29, 408-9 | 3.2 | 4 |
| 104 | Recurrent subarachnoid bleeding and superficial siderosis in a patient with histopathologically proven cerebral amyloid angiopathy. <i>Case Reports in Neurology</i> , 2011 , 3, 124-8 | 1 | 4 |

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|-----|--|-----|---|
| 103 | Vertebral artery dissection presenting with isolated occipital headache. <i>Headache</i> , 2010 , 50, 1378-80 | 4.2 | 4 |
| 102 | Bilateral clinical-neurophysiological assessment of median nerve in carpal tunnel syndrome patients. <i>Muscle and Nerve</i> , 1998 , 21, 264-5 | 3.4 | 4 |
| 101 | Middle cerebral artery dolichoectasia in a young woman with a previous stroke. <i>European Journal of Neurology</i> , 2007 , 14, 109-11 | 6 | 4 |
| 100 | Isolated shoulder palsy due to cortical infarction: localisation and electrophysiological correlates of recovery. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2007 , 78, 100-2 | 5.5 | 4 |
| 99 | Effects of baclofen on temperature perception in humans. <i>Neuroscience Research</i> , 2007 , 59, 89-92 | 2.9 | 4 |
| 98 | Objective tests for upper motor neuron involvement in amyotrophic lateral sclerosis (ALS). <i>Neurology</i> , 2004 , 63, 1988; author reply 1988 | 6.5 | 4 |
| 97 | Recovery after surgery of the spinal N24 SEP in dural arteriovenous malformation of the dorsal cord. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1995 , 96, 479-82 | | 4 |
| 96 | Melatonin's Effect on the Efficacy of Desmopressin in the Treatment of Enuresis. <i>International Neuropsychology Journal</i> , 2016 , 20, 203-208 | 2.6 | 4 |
| 95 | Vascular Remodeling in Moyamoya Angiopathy: From Peripheral Blood Mononuclear Cells to Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 4 |
| 94 | ATTRv in Lazio-Italy: A High-Prevalence Region in a Non-Endemic Country. <i>Genes</i> , 2021 , 12, | 4.2 | 4 |
| 93 | Microduplication of 15q13.3 and Microdeletion of 18q21.32 in a Patient with Moyamoya Syndrome. <i>International Journal of Molecular Sciences</i> , 2018 , 19, | 6.3 | 4 |
| 92 | The effect of Perampanel on EEG spectral power and connectivity in patients with focal epilepsy. <i>Clinical Neurophysiology</i> , 2021 , 132, 2176-2183 | 4.3 | 4 |
| 91 | Perceptive rehabilitation and trunk posture alignment in patients with Parkinson disease: a single blind randomized controlled trial. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2016 , 52, 799-809 | 4.4 | 4 |
| 90 | CADASIL as Multiple Sclerosis Mimic: A 48-year-old man with severe leukoencephalopathy and spinal cord involvement. <i>Multiple Sclerosis and Related Disorders</i> , 2020 , 41, 102014 | 4 | 3 |
| 89 | Jejunal pulling syndrome: A peculiar LCIG complication. <i>Parkinsonism and Related Disorders</i> , 2018 , 52, 113-114 | 3.6 | 3 |
| 88 | Channel interpolation in TMS-EEG: a quantitative study towards an accurate topographical representation. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016, 989-992 | 0.9 | 3 |
| 87 | Linking cognitive abilities with the propensity for risk-taking: the balloon analogue risk task. <i>Neurological Sciences</i> , 2016 , 37, 2003-2007 | 3.5 | 3 |
| 86 | Efficacy of oral corticosteroids therapy in anti-glutamic acid decarboxylase antibodies cerebellar ataxia. <i>Parkinsonism and Related Disorders</i> , 2016 , 30, 78-80 | 3.6 | 3 |

| | | | |
|----|---|-----|---|
| 85 | Spinal cord dysfunction contributes to balance impairment in multiple sclerosis patients. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 184, 105451 | 2 | 3 |
| 84 | Brachial palsy after deep sleep. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1409-10 | 5.5 | 3 |
| 83 | Reduction of disease progression in a patient with amyotrophic lateral sclerosis after several years of epidural motor cortex stimulation. <i>Brain Stimulation</i> , 2017 , 10, 324-325 | 5.1 | 3 |
| 82 | Gluten-related recurrent peripheral facial palsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012 , 83, 667-8 | 5.5 | 3 |
| 81 | Somatosensory evoked potentials in a case of neurosyphilis. <i>Italian Journal of Neurological Sciences</i> , 1990 , 11, 309-12 | | 3 |
| 80 | Transcutaneous Vagus Nerve Stimulation Modulates EEG Microstates and Delta Activity in Healthy Subjects. <i>Brain Sciences</i> , 2020 , 10, | 3.4 | 3 |
| 79 | The Clinical Course of a Drug-induced Acute Dystonic Reaction in the Emergency Room. <i>Tremor and Other Hyperkinetic Movements</i> , 2020 , 6, 436 | 2 | 3 |
| 78 | Alexithymia and emotion dysregulation in adult patients with epilepsy. <i>Epilepsy and Behavior</i> , 2020 , 113, 107537 | 3.2 | 3 |
| 77 | Dengue encephalitis presenting with nonconvulsive status epilepticus: A case report. <i>Clinical Neurology and Neurosurgery</i> , 2016 , 150, 89-91 | 2 | 3 |
| 76 | Transcranial static magnetic field stimulation can modify disease progression in amyotrophic lateral sclerosis. <i>Brain Stimulation</i> , 2021 , 14, 51-54 | 5.1 | 3 |
| 75 | Thrombolysis in elderly stroke patients in Italy (TESPI) trial and updated meta-analysis of randomized controlled trials. <i>International Journal of Stroke</i> , 2021 , 16, 43-54 | 6.3 | 3 |
| 74 | The effects of transcutaneous auricular vagal nerve stimulation on pupil size. <i>Clinical Neurophysiology</i> , 2021 , 132, 1859-1865 | 4.3 | 3 |
| 73 | A rare cause of axial worsening in Parkinson's disease: A case of myasthenic pseudo-parkinsonism. <i>Clinical Neurology and Neurosurgery</i> , 2019 , 179, 1-3 | 2 | 2 |
| 72 | Metronidazole Encephalopathy EEG Features: A Case Report with Systematic Review of the Literature. <i>Brain Sciences</i> , 2020 , 10, | 3.4 | 2 |
| 71 | A case of miller fisher syndrome associated with preceding herpes zoster ophthalmicus. <i>Muscle and Nerve</i> , 2017 , 55, E15-E16 | 3.4 | 2 |
| 70 | Sleep modifications in acute transient global amnesia. <i>Journal of Clinical Sleep Medicine</i> , 2013 , 9, 921-7 | 3.1 | 2 |
| 69 | Teaching neuroimages: neurogenic thoracic outlet syndrome. <i>Neurology</i> , 2012 , 79, e11 | 6.5 | 2 |
| 68 | Delayed hypothermia in malignant ischaemic stroke. <i>Neurological Sciences</i> , 2012 , 33, 661-4 | 3.5 | 2 |

| | | | |
|----|---|-----|---|
| 67 | Teaching NeuroImages: awakening ptosis (unilateral hypnopompic eyelid palsy). <i>Neurology</i> , 2013 , 81, e71-2 | 6.5 | 2 |
| 66 | Hot Spot Hound: a novel robot-assisted platform for enhancing TMS performance. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2013 , 2013, 6301-4 | 0.9 | 2 |
| 65 | Bilateral chorea-ballism after cardiac arrest. <i>Neurology</i> , 2005 , 64, E20 | 6.5 | 2 |
| 64 | Ischemic Stroke in a Patient with Stable CADASIL during COVID-19: A Case Report.. <i>Brain Sciences</i> , 2021 , 11, | 3.4 | 2 |
| 63 | Changes in excitability of motor cortex in severe hepatic failure. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002 , 72, 414-6 | 5.5 | 2 |
| 62 | The Clinical Course of a Drug-induced Acute Dystonic Reaction in the Emergency Room. <i>Tremor and Other Hyperkinetic Movements</i> , 2016 , 6, 436 | 2 | 2 |
| 61 | Impaired short-term visual paired associative plasticity in patients with migraine between attacks. <i>Pain</i> , 2021 , 162, 803-810 | 8 | 2 |
| 60 | Power Spectral Differences between Transient Epileptic and Global Amnesia: An eLORETA Quantitative EEG Study. <i>Brain Sciences</i> , 2020 , 10, | 3.4 | 2 |
| 59 | Normal Pressure Hydrocephalus in Down Syndrome: The Report of Two Cases. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 979-984 | 4.3 | 2 |
| 58 | Shorter visual aura characterizes young and middle-aged stroke patients with migraine with aura. <i>Journal of Neurology</i> , 2021 , 1 | 5.5 | 2 |
| 57 | Brain Stimulation as a Therapeutic Tool in Amyotrophic Lateral Sclerosis: Current Status and Interaction With Mechanisms of Altered Cortical Excitability. <i>Frontiers in Neurology</i> , 2020 , 11, 605335 | 4.1 | 2 |
| 56 | Color-coded multiphase computed tomography angiography may predict outcome in anterior circulation acute ischemic stroke. <i>Journal of the Neurological Sciences</i> , 2021 , 430, 119989 | 3.2 | 2 |
| 55 | Cervical spondylotic myelopathy: proposal of a surveillance algorithm. <i>European Review for Medical and Pharmacological Sciences</i> , 2008 , 12, 161-5 | 2.9 | 2 |
| 54 | Disparity among muscles: different levels of plasticity of cortical representation of different muscles revealed by transcranial magnetic stimulation. <i>Journal of Physiology</i> , 2019 , 597, 2613-2614 | 3.9 | 1 |
| 53 | Multimodal assessment of motor pathways and intracortical connections in functional hemispherectomy. <i>Child's Nervous System</i> , 2020 , 36, 3085-3093 | 1.7 | 1 |
| 52 | Spinal Cord Impairment in Anti-Mag Neuropathy: Evidence from Somatosensory Evoked Potentials. <i>Brain Sciences</i> , 2020 , 10, | 3.4 | 1 |
| 51 | 'I see colors when I touch them'. Color agnosia with visuo-tactile facilitation in a patient with posterior cortical atrophy. <i>Clinical Neurology and Neurosurgery</i> , 2020 , 192, 105747 | 2 | 1 |
| 50 | Cerebral hemorrhage in a paucisymptomatic young patient with Fabry disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2013 , 22, e254-5 | 2.8 | 1 |

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|----|---|------|---|
| 49 | Spinal cord stimulation for pain treatment failed to modify disease progression in a patient with amyotrophic lateral sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 163, 108-109 | 2 | 1 |
| 48 | Recurrent large volume silent strokes in sickle cell disease. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2014 , 23, e453-e455 | 2.8 | 1 |
| 47 | Thromboembolic risk management in paroxysmal atrial fibrillation after brain haemorrhage. <i>International Journal of Stroke</i> , 2011 , 6, 92-3 | 6.3 | 1 |
| 46 | The stolen memory: a case of transient global amnesia. <i>Biological Psychiatry</i> , 2010 , 67, e31-2 | 7.9 | 1 |
| 45 | Right hemiparesis in right carotid stenosis. <i>Circulation</i> , 2011 , 124, 360-2 | 16.7 | 1 |
| 44 | Deep Brain Stimulation. <i>Neuromodulation</i> , 2003 , 6, 203-204 | 3.1 | 1 |
| 43 | New tools for shaping plasticity to enhance recovery after stroke.. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2022 , 184, 299-315 | 3 | 1 |
| 42 | Clot evaluation and distal embolization risk during mechanical thrombectomy in anterior circulation stroke.. <i>Journal of the Neurological Sciences</i> , 2021 , 432, 120087 | 3.2 | 1 |
| 41 | Classification of Dystonia.. <i>Life</i> , 2022 , 12, | 3 | 1 |
| 40 | Adaptive, personalized closed-loop therapy for Parkinson's disease: biochemical, neurophysiological, and wearable sensing systems. <i>Expert Review of Neurotherapeutics</i> , 2021 , 1-18 | 4.3 | 1 |
| 39 | Paroxysmal Dyskinesias in a Mutation Carrier. <i>Tremor and Other Hyperkinetic Movements</i> , 2018 , 8, 616 | 2 | 1 |
| 38 | Machine learning for predicting levetiracetam treatment response in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2021 , 132, 3035-3042 | 4.3 | 1 |
| 37 | Remote smartphone gait monitoring and fall prediction in Parkinson's disease during the COVID-19 lockdown. <i>Neurological Sciences</i> , 2021 , 42, 3089-3092 | 3.5 | 1 |
| 36 | Focused Ultrasound (FUS) for Chronic Pain Management: Approved and Potential Applications. <i>Neurology Research International</i> , 2021 , 2021, 8438498 | 1.7 | 1 |
| 35 | Seizures in Hereditary Aceruloplasminemia. <i>Canadian Journal of Neurological Sciences</i> , 2021 , 48, 144-147 | 1 | 1 |
| 34 | A new T2 lesion in a patient with the clinically isolated syndrome does not necessarily imply a conversion to multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2018 , 164, 138-141 | 2 | 1 |
| 33 | Clinical Interpretation of Working Volume and Weight Support in Upper Limb Robotic Neurorehabilitation after Stroke. <i>Applied Sciences (Switzerland)</i> , 2021 , 11, 12123 | 2.6 | 1 |
| 32 | Comorbidity influences therapeutic approach in multiple sclerosis. <i>Clinical Neurology and Neurosurgery</i> , 2017 , 155, 14-16 | 2 | 0 |

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|----|---|------|---|
| 31 | Post-stroke hyperkinetic movement disorders: a brain network issue. <i>Neurological Sciences</i> , 2021 , 42, 1579-1581 | 3.5 | ○ |
| 30 | Bilateral MCP Infarct Due to Vertebral Giant Cell Arteritis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021 , 30, 105430 | 2.8 | ○ |
| 29 | Behavioral and Physiological Evidence of a favored Hand Posture in the Body Representation for Action. <i>Cerebral Cortex</i> , 2021 , 31, 3299-3310 | 5.1 | ○ |
| 28 | A Rare Neuro-Ophthalmological Condition in a Patient with Lung Adenocarcinoma: The Eight-and-a-Half Syndrome, Case Report and Review of the Literature.. <i>Brain Sciences</i> , 2022 , 12, | 3.4 | ○ |
| 27 | EEG spectral exponent as a synthetic index for the longitudinal assessment of stroke recovery.. <i>Clinical Neurophysiology</i> , 2022 , 137, 92-101 | 4.3 | ○ |
| 26 | Transcranial alternating current stimulation modulates cortical processing of somatosensory information in a frequency- and time-specific manner.. <i>NeuroImage</i> , 2022 , 119119 | 7.9 | ○ |
| 25 | Disease-Modifying Drugs and Breastfeeding in Multiple Sclerosis: A Narrative Literature Review.. <i>Frontiers in Neurology</i> , 2022 , 13, 851413 | 4.1 | ○ |
| 24 | Combining Robot-Assisted Gait Training and Non-Invasive Brain Stimulation in Chronic Stroke Patients: A Systematic Review.. <i>Frontiers in Neurology</i> , 2022 , 13, 795788 | 4.1 | ○ |
| 23 | Reply to letter: Dopamine dysregulation syndrome in Parkinson's disease patients on levodopa-carbidopa intestinal gel. <i>Parkinsonism and Related Disorders</i> , 2016 , 25, 114-5 | 3.6 | |
| 22 | Lumbosacral multiradiculopathy responsive to antibiotic therapy: description of four patients with lumbar spondylosis and a superimposed Lyme disease. <i>Acta Neurologica Belgica</i> , 2014 , 114, 297-301 | 1.5 | |
| 21 | Transcranial magnetic stimulation predicts functional recovery after botulinum toxin treatment in stroke patients. <i>International Journal of Stroke</i> , 2013 , 8, E40 | 6.3 | |
| 20 | Teaching Video Neuro Running into a "useless" hand. <i>Neurology</i> , 2017 , 89, e55 | 6.5 | |
| 19 | Sjögren's syndrome presenting with isolated sensory axonal polyneuropathy. <i>International Journal of Rheumatic Diseases</i> , 2017 , 20, 2165-2167 | 2.3 | |
| 18 | Nocturnal cramps: a nerve problem. <i>JAMA Neurology</i> , 2013 , 70, 792-3 | 17.2 | |
| 17 | A case of untreatable sciatica. <i>Acta Neurologica Belgica</i> , 2013 , 113, 351-3 | 1.5 | |
| 16 | Benedictine hand of 'central' origin. <i>Emergency Medicine Journal</i> , 2013 , 30, 173 | 1.5 | |
| 15 | Neurological picture. Pseudoperipheral tongue weakness. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 1024-5 | 5.5 | |
| 14 | An unusual case of chronic dural thrombosis. <i>Archives of Neurology</i> , 2010 , 67, 1148-9 | | |

- 13 Response from the authors to: Identification of paroxysmal atrial fibrillation also for primary prevention of embolic stroke. *American Heart Journal*, **2010**, 160, e45 4.9
- 12 Shortness of breath in a Parkinson's disease patient. *Movement Disorders*, **2010**, 25, 2897-8 7
- 11 TIA associated with over-the-counter cold preparation. *Acta Neurologica Scandinavica*, **2006**, 114, 358-9 3.8
- 10 Understanding and managing the impact of the COVID-19 pandemic and lockdown on patients with epilepsy.. *Expert Review of Neurotherapeutics*, **2022**, 1-9 4.3
- 9 Neurophysiological Bases and Mechanisms of Action of Transcranial Magnetic Stimulation **2020**, 7-17
- 8 *Cronobacter sakazakii* DNA Detection in Cerebrospinal Fluid of a Patient with Amyotrophic Lateral Sclerosis Mimic Syndrome. *Case Reports in Neurology*, **2015**, 7, 238-41 1
- 7 Physiological Basis of Transcranial Magnetic Stimulation. *Frontiers in Neuroscience*, **2012**, 41-54
- 6 Tuning Frequencies Across Leads with Interleaving Deep Brain Stimulation to Treat Asymmetric Tremor in Parkinson's Disease. *Canadian Journal of Neurological Sciences*, **2020**, 47, 557-559 1
- 5 The PNPLA3 rs738409 variant can increase the risk of liver toxicity in multiple sclerosis patients treated with beta-interferon. *Clinical Neurology and Neurosurgery*, **2020**, 197, 106166 2
- 4 Celiac Disease Diagnosed in an Older Adult Patient with a Complex Neuropsychiatric Involvement: A Case Report and Review of the Literature. *Brain Sciences*, **2020**, 10, 3.4
- 3 The need of reliable warning signs for dysphagia in Parkinson's disease: an often-overlooked issue. *Expert Review of Gastroenterology and Hepatology*, **2020**, 14, 1227-1228 4.2
- 2 Neuroimages and Neuropathology of a Stroke-Like Cerebral Lymphomatoid Granulomatosis. *Canadian Journal of Neurological Sciences*, **2021**, 48, 114-115 1
- 1 Teaching NeuroImages: Sleep-related periodic breathing in acquired central sleep apnea. *Neurology*, **2018**, 91, e1001-e1002 6.5