

# Milan R Dimitrijevic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11511796/publications.pdf>

Version: 2024-02-01

30  
papers

2,278  
citations

394421

19  
h-index

477307

29  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1519  
citing authors

| #  | ARTICLE                                                                                                                                                                                                                    | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 1  | Evidence for a Spinal Central Pattern Generator in Humans. <i>Annals of the New York Academy of Sciences</i> , 1998, 860, 360-376.                                                                                         | 3.8 | 688       |
| 2  | Posterior root muscle reflexes elicited by transcutaneous stimulation of the human lumbosacral cord. <i>Muscle and Nerve</i> , 2007, 35, 327-336.                                                                          | 2.2 | 204       |
| 3  | Central dysesthesia syndrome in spinal cord injury patients. <i>Pain</i> , 1988, 34, 109-116.                                                                                                                              | 4.2 | 199       |
| 4  | Evidence of subclinical brain influence in clinically complete spinal cord injury: discomplete SCI. <i>Journal of the Neurological Sciences</i> , 1992, 110, 90-98.                                                        | 0.6 | 190       |
| 5  | Stimulation of the Human Lumbar Spinal Cord With Implanted and Surface Electrodes: A Computer Simulation Study. <i>IEEE Transactions on Neural Systems and Rehabilitation Engineering</i> , 2010, 18, 637-645.             | 4.9 | 183       |
| 6  | Suprasegmentally induced motor unit activity in paralyzed muscles of patients with established spinal cord injury. <i>Annals of Neurology</i> , 1984, 16, 216-221.                                                         | 5.3 | 115       |
| 7  | Focal depression of cortical excitability induced by fatiguing muscle contraction: a transcranial magnetic stimulation study. <i>Experimental Brain Research</i> , 1995, 105, 276-282.                                     | 1.5 | 115       |
| 8  | Muscle fatigue in some neurological disorders. <i>Muscle and Nerve</i> , 1989, 12, 938-942.                                                                                                                                | 2.2 | 84        |
| 9  | Effect of fatiguing maximal voluntary contraction on excitatory and inhibitory responses elicited by transcranial magnetic motor cortex stimulation. <i>Muscle and Nerve</i> , 1996, 19, 1017-1024.                        | 2.2 | 77        |
| 10 | Neurophysiological approaches to chronic pain following spinal cord injury. <i>Spinal Cord</i> , 1982, 20, 135-146.                                                                                                        | 1.9 | 66        |
| 11 | Epidural and transcutaneous spinal electrical stimulation for restoration of movement after incomplete and complete spinal cord injury. <i>Current Opinion in Neurology</i> , 2016, 29, 721-726.                           | 3.6 | 40        |
| 12 | Neurocontrol of Movement in Humans With Spinal Cord Injury. <i>Artificial Organs</i> , 2015, 39, 823-833.                                                                                                                  | 1.9 | 39        |
| 13 | Neurophysiology in spinal cord injury. <i>Spinal Cord</i> , 1987, 25, 205-208.                                                                                                                                             | 1.9 | 35        |
| 14 | Postural Control in Scoliosis: A Statokinesimetric Study in Patients with Scoliosis due to Neuromuscular Disorders and in Patients with Idiopathic Scoliosis. <i>Acta Orthopaedica</i> , 1981, 52, 59-63.                  | 1.4 | 34        |
| 15 | Frequency-dependent selection of alternative spinal pathways with common periodic sensory input. <i>Biological Cybernetics</i> , 2004, 91, 359-376.                                                                        | 1.3 | 33        |
| 16 | Voluntary supraspinal suppression of spinal reflex activity in paralyzed muscles of spinal cord injury patients. <i>Experimental Neurology</i> , 1986, 93, 574-583.                                                        | 4.1 | 32        |
| 17 | Electrophysiological characteristics of lumbosacral evoked potentials in patients with established spinal cord injury. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1984, 59, 142-155. | 2.0 | 30        |
| 18 | Somatosensory perception and cortical evoked potentials in established paraplegia. <i>Journal of the Neurological Sciences</i> , 1983, 60, 253-265.                                                                        | 0.6 | 23        |

| #  | ARTICLE                                                                                                                                                                                                                    | IF  | CITATIONS |
|----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-----------|
| 19 | Motor Control in the Human Spinal Cord. <i>Artificial Organs</i> , 2005, 29, 216-219.                                                                                                                                      | 1.9 | 19        |
| 20 | Clinical Practice of Functional Electrical Stimulation: From "Yesterday" to "Today". <i>Artificial Organs</i> , 2008, 32, 577-580.                                                                                         | 1.9 | 13        |
| 21 | Early and late motor evoked potentials reflect preset agonist-antagonist organization in lower limb muscles. <i>Muscle and Nerve</i> , 1995, 18, 276-282.                                                                  | 2.2 | 10        |
| 22 | Motor Control of Human Spinal Cord Disconnected from the Brain and Under External Movement. <i>Advances in Experimental Medicine and Biology</i> , 2016, 957, 159-171.                                                     | 1.6 | 9         |
| 23 | Outline of restorative neurology: Definition, clinical practice, assessment, intervention. <i>Clinical Neurology and Neurosurgery</i> , 2012, 114, 428-431.                                                                | 1.4 | 6         |
| 24 | Neurophysiology of epidurally evoked spinal cord reflexes in clinically motor-complete posttraumatic spinal cord injury. <i>Experimental Brain Research</i> , 2021, 239, 2605-2620.                                        | 1.5 | 4         |
| 25 | Clinical aspects of traumatic injury to central nervous system axons. , 1995, , 669-680.                                                                                                                                   |     | 4         |
| 26 | Locomotor rhythm and pattern generating networks of the human lumbar spinal cord: an electrophysiological and computer modeling study. <i>BMC Neuroscience</i> , 2013, 14, .                                               | 1.9 | 2         |
| 27 | Surface and Epidural Lumbosacral Spinal Cord Evoked Potentials in Chronic Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 1993, 10, 315-326.                                                                           | 3.4 | 1         |
| 28 | Model for the Study of Plasticity of the Human Nervous System: Features of Residual Spinal Cord Motor Activity Resulting from Established Posttraumatic Injury. <i>Novartis Foundation Symposium</i> , 1988, 138, 227-239. | 1.1 | 1         |
| 29 | Spinal cord injuries, human neuropathology and neurophysiology. <i>Acta Myologica</i> , 2020, 39, 353-358.                                                                                                                 | 1.5 | 1         |
| 30 | Dr Leon Sebastian Illis, MD, BSc, FRCP. <i>Spinal Cord</i> , 2006, 44, 337-338.                                                                                                                                            | 1.9 | 0         |