# D Michele Basso

## List of Publications by Year in Descending Order



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| 56 papers | 6,667 citations | 26 h-index | 57 g-index |
| 57 ext. papers | 7,428 ext. citations | 4.1 avg, IF | 5.55 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 56 | Histological Findings After Aortic Cross-Clamping in Preclinical Animal Models. *Journal of Neuropathology and Experimental Neurology*, **2021**, 80, 895-911 | 3.1 | 2 |
| 55 | Eccentric rehabilitation induces white matter plasticity and sensorimotor recovery in chronic spinal cord injury. *Experimental Neurology*, **2021**, 346, 113853 | 5.7 | 0 |
| 54 | Bone Marrow-Derived Monocytes Drive the Inflammatory Microenvironment in Local and Remote Regions after Thoracic Spinal Cord Injury. *Journal of Neurotrauma*, **2019**, 36, 937-949 | 5.4 | 15 |
| 53 | Microglia Promote Increased Pain Behavior through Enhanced Inflammation in the Spinal Cord during Repeated Social Defeat Stress. *Journal of Neuroscience*, **2019**, 39, 1139-1149 | 6.6 | 29 |
| 52 | Unique Sensory and Motor Behavior in Thy1-GFP-M Mice before and after Spinal Cord Injury. *Journal of Neurotrauma*, **2018**, 35, 2167-2182 | 5.4 | 3 |
| 51 | Longitudinal Recovery and Reduced Costs After 120 Sessions of Locomotor Training for Motor Incomplete Spinal Cord Injury. *Archives of Physical Medicine and Rehabilitation*, **2018**, 99, 555-562 | 2.8 | 35 |
| 50 | Response to Letter to the Editor. *Archives of Physical Medicine and Rehabilitation*, **2018**, 99, 1024-1026 | 2.8 | |
| 49 | Caregiver Burden Varies by Sensory Subtypes and Sensory Dimension Scores of Children with Autism. *Journal of Autism and Developmental Disorders*, **2018**, 48, 1133-1146 | 4.6 | 7 |
| 48 | MiR-155 deletion reduces ischemia-induced paralysis in an aortic aneurysm repair mouse model: Utility of immunohistochemistry and histopathology in understanding etiology of spinal cord paralysis. *Annals of Diagnostic Pathology*, **2018**, 36, 12-20 | 2.2 | 17 |
| 47 | Targeting Translational Successes through CANSORT-SCI: Using Pet Dogs To Identify Effective Treatments for Spinal Cord Injury. *Journal of Neurotrauma*, **2017**, 34, 2007-2018 | 5.4 | 37 |
| 46 | Consideration of Dose and Timing When Applying Interventions After Stroke and Spinal Cord Injury. *Journal of Neurologic Physical Therapy*, **2017**, 41 Suppl 3, S24-S31 | 4.1 | 12 |
| 45 | Biomarkers of stroke recovery: Consensus-based core recommendations from the Stroke Recovery and Rehabilitation Roundtable. *International Journal of Stroke*, **2017**, 12, 480-493 | 6.3 | 161 |
| 44 | Biomarkers of Stroke Recovery: Consensus-Based Core Recommendations from the Stroke Recovery and Rehabilitation Roundtable. *Neurorehabilitation and Neural Repair*, **2017**, 31, 864-876 | 4.7 | 72 |
| 43 | Supraspinal Control Predicts Locomotor Function and Forecasts Responsiveness to Training after Spinal Cord Injury. *Journal of Neurotrauma*, **2017**, 34, 1813-1825 | 5.4 | 23 |
| 42 | Molecular Ultrasound Imaging for the Detection of Neural Inflammation: A Longitudinal Dosing Pilot Study. *Journal of Diagnostic Medical Sonography*, **2017**, 33, 466-478 | 0.4 | 1 |
| 41 | Responsiveness of the Neuromuscular Recovery Scale During Outpatient Activity-Dependent Rehabilitation for Spinal Cord Injury. *Neurorehabilitation and Neural Repair*, **2016**, 30, 528-38 | 4.7 | 15 |
| 40 | Sparing of Descending Axons Rescues Interneuron Plasticity in the Lumbar Cord to Allow Adaptive Learning After Thoracic Spinal Cord Injury. *Frontiers in Neural Circuits*, **2016**, 10, 11 | 3.5 | 17 |

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| 39 | Exploring Targeted Contrast-Enhanced Ultrasound to Detect Neural Inflammation: An Example of Standard Nomenclature. *Journal of Diagnostic Medical Sonography*, **2016**, 32, 313-323 | 0.4 | 3 |
| 38 | Lumbar Myeloid Cell Trafficking into Locomotor Networks after Thoracic Spinal Cord Injury. *Experimental Neurology*, **2016**, 282, 86-98 | 5.7 | 13 |
| 37 | Adaptation of the Basso-Beattie-Bresnahan locomotor rating scale for use in a clinical model of spinal cord injury in dogs. *Journal of Neuroscience Methods*, **2016**, 268, 117-24 | 3 | 24 |
| 36 | Test-retest reliability of the Neuromuscular Recovery Scale. *Archives of Physical Medicine and Rehabilitation*, **2015**, 96, 1375-84 | 2.8 | 14 |
| 35 | Interrater reliability of the Neuromuscular Recovery Scale for spinal cord injury. *Archives of Physical Medicine and Rehabilitation*, **2015**, 96, 1397-403 | 2.8 | 17 |
| 34 | Validity of the Neuromuscular Recovery Scale: a measurement model approach. *Archives of Physical Medicine and Rehabilitation*, **2015**, 96, 1385-96 | 2.8 | 14 |
| 33 | Training conditions that best reproduce the joint powers of unsupported walking. *Gait and Posture*, **2015**, 41, 597-602 | 2.6 | 5 |
| 32 | Repetitive concussions in adolescent athletes - translating clinical and experimental research into perspectives on rehabilitation strategies. *Frontiers in Neurology*, **2015**, 6, 69 | 4.1 | 17 |
| 31 | A new look at an old problem: defining weight acceptance in human walking. *Gait and Posture*, **2014** , 39, 588-92 | 2.6 | 9 |
| 30 | Treadmill training after surgical removal of a spinal tumor in infancy. *Physical Therapy*, **2014**, 94, 1176-85 | 3.3 | 5 |
| 29 | Are the 10 meter and 6 minute walk tests redundant in patients with spinal cord injury?. *PLoS ONE*, **2014**, 9, e94108 | 3.7 | 41 |
| 28 | Elevated MMP-9 in the lumbar cord early after thoracic spinal cord injury impedes motor relearning in mice. *Journal of Neuroscience*, **2013**, 33, 13101-11 | 6.6 | 49 |
| 27 | Dual-task training for balance and mobility in a person with severe traumatic brain injury: a case study. *Journal of Neurologic Physical Therapy*, **2013**, 37, 37-43 | 4.1 | 14 |
| 26 | Quantitative evaluation of 3D mouse behaviors and motor function in the open-field after spinal cord injury using markerless motion tracking. *PLoS ONE*, **2013**, 8, e74536 | 3.7 | 17 |
| 25 | Ambulation and balance outcomes measure different aspects of recovery in individuals with chronic, incomplete spinal cord injury. *Archives of Physical Medicine and Rehabilitation*, **2012**, 93, 1553-64 | 2.8 | 36 |
| 24 | Relationship between ASIA examination and functional outcomes in the NeuroRecovery Network Locomotor Training Program. *Archives of Physical Medicine and Rehabilitation*, **2012**, 93, 1530-40 | 2.8 | 45 |
| 23 | Characterization of recovered walking patterns and motor control after contusive spinal cord injury in rats. *Brain and Behavior*, **2012**, 2, 541-52 | 3.4 | 11 |
| 22 | Acute and chronic tactile sensory testing after spinal cord injury in rats. *Journal of Visualized Experiments*, **2012**, e3247 | 1.6 | 20 |

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| 21 | Biological basis of exercise-based treatments: spinal cord injury. *PM and R*, **2011**, 3, S73-7 | 2.2 | 4 |
| 20 | Injured mice at the gym: review, results and considerations for combining chondroitinase and locomotor exercise to enhance recovery after spinal cord injury. *Brain Research Bulletin*, **2011**, 84, 317-26 | 3.9 | 29 |
| 19 | Role of matrix metalloproteinases and therapeutic benefits of their inhibition in spinal cord injury. *Neurotherapeutics*, **2011**, 8, 206-20 | 6.4 | 97 |
| 18 | Invited commentary. *Physical Therapy*, **2011**, 91, 60-2; author reply 62 | 3.3 | 1 |
| 17 | Sensory stimulation prior to spinal cord injury induces post-injury dysesthesia in mice. *Journal of Neurotrauma*, **2010**, 27, 777-87 | 5.4 | 10 |
| 16 | Validity of acute and chronic tactile sensory testing after spinal cord injury in rats. *Experimental Neurology*, **2010**, 225, 366-76 | 5.7 | 48 |
| 15 | Remote activation of microglia and pro-inflammatory cytokines predict the onset and severity of below-level neuropathic pain after spinal cord injury in rats. *Experimental Neurology*, **2008**, 212, 337-47 | 5.7 | 184 |
| 14 | Validity of the walking scale for spinal cord injury and other domains of function in a multicenter clinical trial. *Neurorehabilitation and Neural Repair*, **2007**, 21, 539-50 | 4.7 | 88 |
| 13 | Delayed Nogo receptor therapy improves recovery from spinal cord contusion. *Annals of Neurology*, **2006**, 60, 540-9 | 9.4 | 93 |
| 12 | Basso Mouse Scale for locomotion detects differences in recovery after spinal cord injury in five common mouse strains. *Journal of Neurotrauma*, **2006**, 23, 635-59 | 5.4 | 953 |
| 11 | Voluntary wheel running improves recovery from a moderate spinal cord injury. *Journal of Neurotrauma*, **2005**, 22, 157-71 | 5.4 | 133 |
| 10 | Stepwise motor and all-or-none sensory recovery is associated with nonlinear sparing after incremental spinal cord injury in rats. *Experimental Neurology*, **2005**, 191, 251-65 | 5.7 | 111 |
| 9 | Three exercise paradigms differentially improve sensory recovery after spinal cord contusion in rats. *Brain*, **2004**, 127, 1403-14 | 11.2 | 240 |
| 8 | Behavioral testing after spinal cord injury: congruities, complexities, and controversies. *Journal of Neurotrauma*, **2004**, 21, 395-404 | 5.4 | 109 |
| 7 | Passive or active immunization with myelin basic protein impairs neurological function and exacerbates neuropathology after spinal cord injury in rats. *Journal of Neuroscience*, **2004**, 24, 3752-61 | 6.6 | 118 |
| 6 | Pathological CNS autoimmune disease triggered by traumatic spinal cord injury: implications for autoimmune vaccine therapy. *Journal of Neuroscience*, **2002**, 22, 2690-700 | 6.6 | 171 |
| 5 | Descending systems contributing to locomotor recovery after mild or moderate spinal cord injury in rats: experimental evidence and a review of literature. *Restorative Neurology and Neuroscience*, **2002**, 20, 189-218 | 2.8 | 77 |
| 4 | Skeletal muscle adaptations following spinal cord contusion injury in rat and the relationship to locomotor function: a time course study. *Journal of Neurotrauma*, **2001**, 18, 1075-89 | 5.4 | 50 |

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| 3 | Neuroanatomical Substrates of Functional Recovery After Experimental Spinal Cord Injury: Implications of Basic Science Research for Human Spinal Cord Injury. *Physical Therapy*, **2000**, 80, 808-817 | 3.3 | 85 |
| 2 | A sensitive and reliable locomotor rating scale for open field testing in rats. *Journal of Neurotrauma* , **1995**, 12, 1-21 | 5.4 | 3248 |
| 1 | Differential recovery of bipedal and overground locomotion following complete spinal cord hemisection in cats. *Restorative Neurology and Neuroscience*, **1994**, 7, 95-110 | 2.8 | 18 |