# Bimal Lakhani

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/5666216/publications.pdf

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|---|---|---|---|
| 36 papers | 1,022 citations | 535685 17 h-index | 488211 31 g-index |
| 40 all docs | 40 docs citations | 40 times ranked | 1558 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Individuals with Higher Levels of Physical Activity after Stroke Show Comparable Patterns of Myelin to Healthy Older Adults. Neurorehabilitation and Neural Repair, 2022, , 154596832211004. | 1.4 | 3 |
| 2 | Resting State Connectivity Is Modulated by Motor Learning in Individuals After Stroke. Neurorehabilitation and Neural Repair, 2021, 35, 513-524. | 1.4 | 9 |
| 3 | Brain Vital Signs in Elite Ice Hockey: Towards Characterizing Objective and Specific Neurophysiological Reference Values for Concussion Management. Frontiers in Neuroscience, 2021, 15, 670563. | 1.4 | 3 |
| 4 | Eccentric rehabilitation induces white matter plasticity and sensorimotor recovery in chronic spinal cord injury. Experimental Neurology, 2021, 346, 113853. | 2.0 | 13 |
| 5 | Brain Vital Signs Detect Cognitive Improvements During Combined Physical Therapy and Neuromodulation in Rehabilitation From Severe Traumatic Brain Injury: A Case Report. Frontiers in Human Neuroscience, 2020, 14, 347. | 1.0 | 8 |
| 6 | Brain Vital Signs Detect Information Processing Differences When Neuromodulation Is Used During Cognitive Skills Training. Frontiers in Human Neuroscience, 2020, 14, 358. | 1.0 | 8 |
| 7 | Neuroplasticity of Cortical Planning for Initiating Stepping Poststroke: A Case Series. Journal of Neurologic Physical Therapy, 2020, 44, 164-172. | 0.7 | 3 |
| 8 | Exercise increases caudate dopamine release and ventral striatal activation in Parkinson's disease. Movement Disorders, 2019, 34, 1891-1900. | 2.2 | 99 |
| 9 | Human translingual neurostimulation alters resting brain activity in high-density EEG. Journal of NeuroEngineering and Rehabilitation, 2019, 16, 60. | 2.4 | 21 |
| 10 | Symmetry of cortical planning for initiating stepping in sub-acute stroke. Clinical Neurophysiology, 2018, 129, 787-796. | 0.7 | 8 |
| 11 | Hemispheric asymmetry in myelin after stroke is related to motor impairment and function. NeuroImage: Clinical, 2017, 14, 344-353. | 1.4 | 23 |
| 12 | Predicting Motor Sequence Learning in Individuals With Chronic Stroke. Neurorehabilitation and Neural Repair, 2017, 31, 95-104. | 1.4 | 28 |
| 13 | Can augmented feedback facilitate learning a reactive balance task among older adults?. Experimental Brain Research, 2017, 235, 293-304. | 0.7 | 17 |
| 14 | Motor Skill Acquisition Promotes Human Brain Myelin Plasticity. Neural Plasticity, 2016, 2016, 1-7. | 1.0 | 74 |
| 15 | Exploring the Role of Accelerometers in the Measurement of Real World Upper-Limb Use After Stroke. Brain Impairment, 2016, 17, 16-33. | 0.5 | 90 |
| 16 | Evaluating interhemispheric cortical responses to transcranial magnetic stimulation in chronic stroke: A TMS-EEG investigation. Neuroscience Letters, 2016, 618, 25-30. | 1.0 | 50 |
| 17 | Clinician's Commentary on Pak et al.. Physiotherapy Canada Physiotherapie Canada, 2015, 67, 9-9. | 0.3 | 1 |
| 18 | Visual feedback of the centre of gravity to optimize standing balance. Gait and Posture, 2015, 41, 499-503. | 0.6 | 34 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Motor and Visuospatial Attention and Motor Planning After Stroke: Considerations for the Rehabilitation of Standing Balance and Gait. Physical Therapy, 2015, 95, 1423-1432. | 1.1 | 30 |
| 20 | Compensatory motor network connectivity is associated with motor sequence learning after subcortical stroke. Behavioural Brain Research, 2015, 286, 136-145. | 1.2 | 25 |
| 21 | Applications of Electroencephalography to Characterize Brain Activity. Journal of Neurologic Physical Therapy, 2015, 39, 43-51. | 0.7 | 17 |
| 22 | Autonomic contributions in postural control: a review of the evidence. Reviews in the Neurosciences, 2014, 25, 687-97. | 1.4 | 13 |
| 23 | Speed of processing in the primary motor cortex: A continuous theta burst stimulation study. Behavioural Brain Research, 2014, 261, 177-184. | 1.2 | 6 |
| 24 | Impaired Reactive Stepping Among Patients Ready for Discharge From Inpatient Stroke Rehabilitation. Physical Therapy, 2014, 94, 1755-1764. | 1.1 | 53 |
| 25 | Timing of response differentiation in human motor cortex during a speeded Go/No-Go task. Neuroscience Research, 2014, 85, 65-68. | 1.0 | 0 |
| 26 | â€˜Primingâ€™ the brain to generate rapid upper-limb reactions. Experimental Brain Research, 2013, 230, 261-270. | 0.7 | 2 |
| 27 | Time to disengage: holding an object influences the execution of rapid compensatory reach-to-grasp reactions for recovery from whole-body instability. Experimental Brain Research, 2013, 231, 191-199. | 0.7 | 10 |
| 28 | Impairments in Systems Underlying Control of Balance in COPD. Chest, 2012, 141, 1496-1503. | 0.4 | 127 |
| 29 | Determinants of Limb Preference for Initiating Compensatory Stepping Poststroke. Archives of Physical Medicine and Rehabilitation, 2012, 93, 1179-1184. | 0.5 | 53 |
| 30 | Electrophysiological Correlates of Changes in Reaction Time Based on Stimulus Intensity. PLoS ONE, 2012, 7, e36407. | 1.1 | 23 |
| 31 | Characterizing the determinants of limb preference for compensatory stepping in healthy young adults. Gait and Posture, 2011, 33, 200-204. | 0.6 | 31 |
| 32 | Does the movement matter? Determinants of the latency of temporally urgent motor reactions. Brain Research, 2011, 1416, 35-43. | 1.1 | 12 |
| 33 | Training Rapid Stepping Responses in an Individual With Stroke. Physical Therapy, 2011, 91, 958-969. | 1.1 | 65 |
| 34 | Compensatory stepping responses in individuals with stroke: A pilot study. Physiotherapy Theory and Practice, 2011, 27, 299-309. | 0.6 | 48 |
| 35 | Perturbation-evoked electrodermal responses are sensitive to stimulus and context-dependent manipulations of task challenge. Neuroscience Letters, 2010, 485, 217-221. | 1.0 | 12 |
| 36 | Poster 37: Perturbation Evoked Compensatory Stepping Responses in Persons With Stroke. Archives of Physical Medicine and Rehabilitation, 2008, 89, e37-e38. | 0.5 | 1 |