# Gitendra Uswatte

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10465619/publications.pdf

Version: 2024-02-01

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|---|---|---|---|
| 91 papers | 8,515 citations | 81900 39 h-index | 58581 82 g-index |
| 94 all docs | 94 docs citations | 94 times ranked | 5202 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Effect of Constraint-Induced Movement Therapy on Upper Extremity Function 3 to 9 Months After Stroke. JAMA - Journal of the American Medical Association, 2006, 296, 2095. | 7.4 | 1,608 |
| 2 | New treatments in neurorehabiliation founded on basic research. Nature Reviews Neuroscience, 2002, 3, 228-236. | 10.2 | 592 |
| 3 | The reliability of the Wolf Motor Function Test for assessing upper extremity function after stroke. Archives of Physical Medicine and Rehabilitation, 2001, 82, 750-755. | 0.9 | 459 |
| 4 | Reliability and Validity of the Upper-Extremity Motor Activity Log-14 for Measuring Real-World Arm Use. Stroke, 2005, 36, 2493-2496. | 2.0 | 437 |
| 5 | A Placebo-Controlled Trial of Constraint-Induced Movement Therapy for Upper Extremity After Stroke. Stroke, 2006, 37, 1045-1049. | 2.0 | 392 |
| 6 | Remodeling the Brain. Stroke, 2008, 39, 1520-1525. | 2.0 | 355 |
| 7 | Retention of upper limb function in stroke survivors who have received constraint-induced movement therapy: the EXCITE randomised trial. Lancet Neurology, The, 2008, 7, 33-40. | 10.2 | 306 |
| 8 | Constraint-induced movement therapy: A new approach to treatment in physical rehabilitation.. Rehabilitation Psychology, 1998, 43, 152-170. | 1.3 | 237 |
| 9 | Methods for a Multisite Randomized Trial to Investigate the Effect of Constraint-Induced Movement Therapy in Improving Upper Extremity Function among Adults Recovering from a Cerebrovascular Stroke. Neurorehabilitation and Neural Repair, 2003, 17, 137-152. | 2.9 | 226 |
| 10 | Gratitude and hedonic and eudaimonic well-being in Vietnam war veterans. Behaviour Research and Therapy, 2006, 44, 177-199. | 3.1 | 215 |
| 11 | Validity of Accelerometry for Monitoring Real-World Arm Activity in Patients With Subacute Stroke: Evidence From the Extremity Constraint-Induced Therapy Evaluation Trial. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1340-1345. | 0.9 | 205 |
| 12 | Ambulatory Monitoring of Arm Movement Using Accelerometry: An Objective Measure of Upper-Extremity Rehabilitation in Persons With Chronic Stroke. Archives of Physical Medicine and Rehabilitation, 2005, 86, 1498-1501. | 0.9 | 196 |
| 13 | Objective Measurement of Functional Upper-Extremity Movement Using Accelerometer Recordings Transformed With a Threshold Filter. Stroke, 2000, 31, 662-667. | 2.0 | 195 |
| 14 | The EXCITE Stroke Trial. Stroke, 2010, 41, 2309-2315. | 2.0 | 192 |
| 15 | Method for Enhancing Real-World Use of a More Affected Arm in Chronic Stroke. Stroke, 2013, 44, 1383-1388. | 2.0 | 156 |
| 16 | Distributed form of constraint-induced movement therapy improves functional outcome and quality of life after stroke. Archives of Physical Medicine and Rehabilitation, 2005, 86, 204-209. | 0.9 | 148 |
| 17 | AutoCITE. Stroke, 2005, 36, 1301-1304. | 2.0 | 115 |
| 18 | Pediatric CI therapy for stroke-induced hemiparesis in young children. Developmental Neurorehabilitation, 2007, 10, 3-18. | 1.1 | 102 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Atrophy of Spared Gray Matter Tissue Predicts Poorer Motor Recovery and Rehabilitation Response in Chronic Stroke. Stroke, 2012, 43, 453-457. | 2.0 | 100 |
| 20 | Constraint-induced movement therapy: bridging from the primate laboratory to the stroke rehabilitation laboratory. Journal of Rehabilitation Medicine, 2003, 35, 34-40. | 1.1 | 99 |
| 21 | Social anxiety and posttraumatic stress in combat veterans: Relations to well-being and character strengths. Behaviour Research and Therapy, 2006, 44, 561-583. | 3.1 | 97 |
| 22 | Constraint-Induced Movement therapy: Answers and questions after two decades of research. NeuroRehabilitation, 2006, 21, 93-95. | 1.3 | 97 |
| 23 | Implications of the learned nonuse formulation for measuring rehabilitation outcomes: Lessons from constraint-induced movement therapy.. Rehabilitation Psychology, 2005, 50, 34-42. | 1.3 | 95 |
| 24 | Treatment of Congenital Hemiparesis With Pediatric Constraint-Induced Movement Therapy. Journal of Child Neurology, 2011, 26, 1163-1173. | 1.4 | 92 |
| 25 | Constraint-induced movement therapy for recovery of upper-limb function following traumatic brain injury. Journal of Rehabilitation Research and Development, 2005, 42, 769. | 1.6 | 87 |
| 26 | Contribution of the shaping and restraint components of Constraint-Induced Movement therapy to Treatment Outcome. NeuroRehabilitation, 2006, 21, 147-156. | 1.3 | 82 |
| 27 | Improved motor recovery after stroke and massive cortical reorganization following Constraint-Induced Movement therapy. Physical Medicine and Rehabilitation Clinics of North America, 2003, 14, S77-S91. | 1.3 | 79 |
| 28 | Minimal Detectable Change Scores for the Wolf Motor Function Test. Neurorehabilitation and Neural Repair, 2009, 23, 662-667. | 2.9 | 77 |
| 29 | Automated Constraint-Induced Therapy Extension (AutoCITE) for movement deficits after stroke. Journal of Rehabilitation Research and Development, 2004, 41, 249. | 1.6 | 77 |
| 30 | Constraint-Induced Movement Therapy Combined With Conventional Neurorehabilitation Techniques in Chronic Stroke Patients With Plegic Hands: A Case Series. Archives of Physical Medicine and Rehabilitation, 2013, 94, 86-94. | 0.9 | 74 |
| 31 | Structural Neuroplastic Change After Constraint-Induced Movement Therapy in Children With Cerebral Palsy. Pediatrics, 2013, 131, e1664-e1669. | 2.1 | 74 |
| 32 | A telerehabilitation approach to delivery of constraint-induced movement therapy. Journal of Rehabilitation Research and Development, 2006, 43, 391. | 1.6 | 68 |
| 33 | Constraint-Induced Movement Therapy and Massed Practice. Stroke, 2000, 31, 983-991. | 2.0 | 67 |
| 34 | Video Game Rehabilitation for Outpatient Stroke (VIGoROUS): protocol for a multi-center comparative effectiveness trial of in-home gamified constraint-induced movement therapy for rehabilitation of chronic upper extremity hemiparesis. BMC Neurology, 2017, 17, 109. | 1.8 | 65 |
| 35 | Fragile self-esteem and affective instability in posttraumatic stress disorder. Behaviour Research and Therapy, 2006, 44, 1609-1619. | 3.1 | 64 |
| 36 | The Pediatric Motor Activity Log-Revised: Assessing real-world arm use in children with cerebral palsy.. Rehabilitation Psychology, 2012, 57, 149-158. | 1.3 | 61 |

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|---|---|---|---|
| 37 | Measurement Structure of the Wolf Motor Function Test: Implications for Motor Control Theory. Neurorehabilitation and Neural Repair, 2010, 24, 791-801. | 2.9 | 54 |
| 38 | The functional significance of cortical reorganization and the parallel development of CI therapy. Frontiers in Human Neuroscience, 2014, 8, 396. | 2.0 | 49 |
| 39 | Constraint-Induced Movement Therapy. Progress in Brain Research, 2013, 207, 379-401. | 1.4 | 41 |
| 40 | Diffusion Tensor Imaging Study of the Response to Constraint-Induced Movement Therapy of Children With Hemiparetic Cerebral Palsy and Adults With Chronic Stroke. Archives of Physical Medicine and Rehabilitation, 2014, 95, 506-514.e1. | 0.9 | 40 |
| 41 | The Pediatric SmartShoe: Wearable Sensor System for Ambulatory Monitoring of Physical Activity and Gait. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2018, 26, 477-486. | 4.9 | 40 |
| 42 | Constraint-Induced Movement Therapy for the Lower Extremities in Multiple Sclerosis: Case Series With 4-Year Follow-Up. Archives of Physical Medicine and Rehabilitation, 2013, 94, 753-760. | 0.9 | 38 |
| 43 | Improvement After Constraint-Induced Movement Therapy Is Independent of Infarct Location in Chronic Stroke Patients. Stroke, 2009, 40, 2468-2472. | 2.0 | 37 |
| 44 | A behavioral observation system for quantifying arm activity in daily life after stroke.. Rehabilitation Psychology, 2009, 54, 398-403. | 1.3 | 35 |
| 45 | An Enhanced Protocol for Constraint-Induced Aphasia Therapy II: A Case Series. American Journal of Speech-Language Pathology, 2014, 23, 60-72. | 1.8 | 33 |
| 46 | A treatment for a chronic stroke patient with a plegic hand combining CI therapy with conventional rehabilitation procedures: Case report. NeuroRehabilitation, 2006, 21, 167-176. | 1.3 | 32 |
| 47 | Comparison of reproducibility of single voxel spectroscopy and wholeâ€brain magnetic resonance spectroscopy imaging at 3T. NMR in Biomedicine, 2018, 31, e3898. | 2.8 | 32 |
| 48 | Caregiver characteristics predict stroke survivor quality of life at 4 months and 1 year. Research in Nursing and Health, 2009, 32, 592-605. | 1.6 | 29 |
| 49 | Contribution of the shaping and restraint components of Constraint-Induced Movement therapy to treatment outcome. NeuroRehabilitation, 2006, 21, 147-56. | 1.3 | 29 |
| 50 | Rehabilitation of stroke patients with plegic hands: Randomized controlled trial of expanded Constraint-Induced Movement therapy. Restorative Neurology and Neuroscience, 2018, 36, 225-244. | 0.7 | 24 |
| 51 | Everyday movement and use of the arms: Relationship in children with hemiparesis differs from adults. Journal of Pediatric Rehabilitation Medicine, 2015, 8, 197-206. | 0.5 | 22 |
| 52 | Phase II Randomized Controlled Trial of Constraint-Induced Movement Therapy in Multiple Sclerosis. Part 2: Effect on White Matter Integrity. Neurorehabilitation and Neural Repair, 2018, 32, 233-241. | 2.9 | 21 |
| 53 | Phase II Randomized Controlled Trial of Constraint-Induced Movement Therapy in Multiple Sclerosis. Part 1: Effects on Real-World Function. Neurorehabilitation and Neural Repair, 2018, 32, 223-232. | 2.9 | 21 |
| 54 | Sensor-Enabled RFID System for Monitoring Arm Activity: Reliability and Validity. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2012, 20, 771-777. | 4.9 | 20 |

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|---|---|---|---|
| 55 | Ethnic and minority issues in rehabilitation psychology.. Rehabilitation Psychology, 1997, 42, 61-71. | 1.3 | 18 |
| 56 | Pediatric Arm Function Test. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 1060-1069. | 1.4 | 18 |
| 57 | The influence of neuropsychological characteristics on the use of CI therapy with persons with traumatic brain injury. NeuroRehabilitation, 2006, 21, 131-137. | 1.3 | 17 |
| 58 | Video game rehabilitation for outpatient stroke (VIGoROUS): A multi-site randomized controlled trial of in-home, self-managed, upper-extremity therapy. EClinicalMedicine, 2022, 43, 101239. | 7.1 | 17 |
| 59 | MRI infarction load and CI therapy outcomes for chronic post-stroke hemiparesis. Restorative Neurology and Neuroscience, 2008, 26, 13-33. | 0.7 | 17 |
| 60 | Constraint-induced movement therapy based on behavioral neuroscience.. , 2000, , 475-496. | | 16 |
| 61 | A telerehabilitation platform for home-based automated therapy of arm function. , 2011, 2011, 1819-22. | | 15 |
| 62 | Reproducibility of wholeâ€brain temperature mapping and metabolite quantification using proton magnetic resonance spectroscopy. NMR in Biomedicine, 2020, 33, e4313. | 2.8 | 15 |
| 63 | Employment in households with stroke after Constraint-Induced Movement therapy. NeuroRehabilitation, 2006, 21, 157-165. | 1.3 | 12 |
| 64 | Implications of CI therapy for visual deficit training. Frontiers in Integrative Neuroscience, 2014, 8, 78. | 2.1 | 10 |
| 65 | A Positive Psychology of Physical Disability. , 2013, , . | | 9 |
| 66 | Protocol for a Randomized Controlled Trial of CI Therapy for Rehabilitation of Upper Extremity Motor Deficit: The Bringing Rehabilitation to American Veterans Everywhere Project. Journal of Head Trauma Rehabilitation, 2019, 34, 268-279. | 1.7 | 9 |
| 67 | Tele-rehabilitation of upper-extremity hemiparesis after stroke: Proof-of-concept randomized controlled trial of in-home Constraint-Induced Movement therapy. Restorative Neurology and Neuroscience, 2021, 39, 303-318. | 0.7 | 9 |
| 68 | A treatment for a chronic stroke patient with a plegic hand combining CI therapy with conventional rehabilitation procedures: case report. NeuroRehabilitation, 2006, 21, 167-76. | 1.3 | 9 |
| 69 | Motor recovery from constraint induced movement therapy is not constrained by extent of tissue damage following stroke. Restorative Neurology and Neuroscience, 2014, 32, 755-765. | 0.7 | 8 |
| 70 | Importance for CP Rehabilitation of Transfer of Motor Improvement to Everyday Life. Pediatrics, 2014, 133, e215-e217. | 2.1 | 7 |
| 71 | Assessing the Amount of Spontaneous Real-World Spoken Language in Aphasia: Validation of Two Methods. American Journal of Speech-Language Pathology, 2017, 26, 316-326. | 1.8 | 7 |
| 72 | Article 16: Constraint-Induced Movement Therapy for Rehabilitating Arm Use in Stroke Survivors With Plegic Hands. Archives of Physical Medicine and Rehabilitation, 2008, 89, e5. | 0.9 | 6 |

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|---|---|---|---|
| 73 | Brain parenchymal fraction predicts motor improvement following intensive task-oriented motor rehabilitation for chronic stroke. Restorative Neurology and Neuroscience, 2012, 30, 355-361. | 0.7 | 6 |
| 74 | Reliability and Validity of the Lower Extremity Motor Activity Log for Measuring Real-World Leg Use in Adults With Multiple Sclerosis. Archives of Physical Medicine and Rehabilitation, 2021, 102, 626-632. | 0.9 | 6 |
| 75 | Validity and reliability of the Turkish version of the pediatric motor activity log-revised (PMAL-R) for 2â€“17 year old children with hemiparetic cerebral palsy. Disability and Rehabilitation, 2022, 44, 4047-4054. | 1.8 | 6 |
| 76 | Acceptability of constraint induced movement therapy: influence of perceived difficulty and expected treatment outcome. Topics in Stroke Rehabilitation, 2021, , 1-9. | 1.9 | 6 |
| 77 | The influence of neuropsychological characteristics on the use of CI therapy with persons with traumatic brain injury. NeuroRehabilitation, 2006, 21, 131-7. | 1.3 | 6 |
| 78 | USE OF CI THERAPY FOR IMPROVING MOTOR ABILITY AFTER CHRONIC CNS DAMAGE: A DEVELOPMENT PREFIGURED BY PAUL BACH-Y-RITA. Journal of Integrative Neuroscience, 2005, 04, 465-477. | 1.7 | 5 |
| 79 | Sensor-enabled RFID system for monitoring arm activity in daily life. , 2011, 2011, 5219-23. | | 5 |
| 80 | Measuring gait symmetry in children with cerebral palsy using the SmartShoe. , 2014, , . | | 5 |
| 81 | Translation and cross cultural adaptation of the Pediatric Motor Activity Log-Revised scale. Arquivos De Neuro-Psiquiatria, 2016, 74, 555-560. | 0.8 | 5 |
| 82 | Network of Movement and Proximity Sensors for Monitoring Upper-Extremity Motor Activity After Stroke: Proof of Principle. Archives of Physical Medicine and Rehabilitation, 2014, 95, 499-505. | 0.9 | 4 |
| 83 | Relation of depressive symptoms to outcome of CI movement therapy after stroke.. Rehabilitation Psychology, 2017, 62, 509-515. | 1.3 | 4 |
| 84 | You can teach an old dog new tricks:. , 0, , 104-129. | | 3 |
| 85 | Relation of white matter hyperintensities and motor deficits in chronic stroke. Restorative Neurology and Neuroscience, 2018, 36, 349-357. | 0.7 | 3 |
| 86 | Poster 11: Progressive Multiple Sclerosis Improves With Constraint-Induced Movement Therapy. Archives of Physical Medicine and Rehabilitation, 2007, 88, e9. | 0.9 | 1 |
| 87 | Upper extremity motor training of a subject with initially motor complete chronic high tetraplegia using constraint-induced biofeedback therapy. Spinal Cord Series and Cases, 2017, 3, 17093. | 0.6 | 1 |
| 88 | Central nervous system plasticity and rehabilitation.. , 2010, , 391-406. | | 1 |
| 89 | Tactile Sensation Improves Following Motor Rehabilitation for Chronic Stroke: The VIGoROUS Randomized Controlled Trial. Neurorehabilitation and Neural Repair, 2022, 36, 525-534. | 2.9 | 1 |
| 90 | Promoting physical activity: Fertile ground for rehabilitation psychology.. Rehabilitation Psychology, 2013, 58, 87-88. | 1.3 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 91 | Perspectives from Persons with Multiple Sclerosis for a Comprehensive Real-World Change Therapy for Mobility. Archives of Rehabilitation Research and Clinical Translation, 2021, 4, 100166. | 0.9 | 0 |