# Sandra M Freitas

List of Publications by Year
in descending order



| | | | |
|---|---|---|---|
| 59 papers | 1,411 citations | 430874 18 h-index | 345221 36 g-index |
| 60 all docs | 60 docs citations | 60 times ranked | 1611 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | RevisÃ£o sobre posturografia baseada em plataforma de forÃ§a para avaliaÃ§Ã£o do equilÃbrio. Brazilian Journal of Physical Therapy, 2010, 14, 183-192. | 2.5 | 435 |
| 2 | Age-related changes in human postural control of prolonged standing. Gait and Posture, 2005, 22, 322-330. | 1.4 | 93 |
| 3 | Movement sway: changes in postural sway during voluntary shifts of the center of pressure. Experimental Brain Research, 2003, 150, 314-324. | 1.5 | 82 |
| 4 | Two Kinematic Synergies in Voluntary Whole-Body Movements During Standing. Journal of Neurophysiology, 2006, 95, 636-645. | 1.8 | 71 |
| 5 | Effect of light touch on postural sway in individuals with balance problems: A systematic review. Gait and Posture, 2014, 40, 1-10. | 1.4 | 62 |
| 6 | Effects of joint immobilization on standing balance. Human Movement Science, 2009, 28, 515-528. | 1.4 | 51 |
| 7 | Speedâ€“Accuracy Trade-Off in Voluntary Postural Movements. Motor Control, 2005, 9, 180-196. | 0.6 | 46 |
| 8 | Effect of motor planning on use of motor abundance. Neuroscience Letters, 2007, 417, 66-71. | 2.1 | 46 |
| 9 | Individuals with post-stroke hemiparesis are able to use additional sensory information to reduce postural sway. Neuroscience Letters, 2012, 513, 6-11. | 2.1 | 46 |
| 10 | Motor Abundance Contributes to Resolving Multiple Kinematic Task Constraints. Motor Control, 2010, 14, 83-115. | 0.6 | 42 |
| 11 | Joint coordination in young and older adults during quiet stance: Effect of visual feedback of the center of pressure. Gait and Posture, 2012, 35, 83-87. | 1.4 | 37 |
| 12 | Does hand dominance affect the use of motor abundance when reaching to uncertain targets?. Human Movement Science, 2009, 28, 169-190. | 1.4 | 34 |
| 13 | The use of a safety harness does not affect body sway during quiet standing. Clinical Biomechanics, 2005, 20, 336-339. | 1.2 | 31 |
| 14 | A comparison of methods for identifying the Jacobian for uncontrolled manifold variance analysis. Journal of Biomechanics, 2010, 43, 775-777. | 2.1 | 26 |
| 15 | Analyses of joint variance related to voluntary whole-body movements performed in standing. Journal of Neuroscience Methods, 2010, 188, 89-96. | 2.5 | 25 |
| 16 | Stability of steady hand force production explored across spaces and methods of analysis. Experimental Brain Research, 2018, 236, 1545-1562. | 1.5 | 20 |
| 17 | Individual preferences in motor coordination seen across the two hands: relations to movement stability and optimality. Experimental Brain Research, 2019, 237, 1-13. | 1.5 | 20 |
| 18 | Timing variability of reach trajectories in left versus right hemisphere stroke. Brain Research, 2011, 1419, 19-33. | 2.2 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Relationship of diminished interjoint coordination after stroke to hand path consistency. Experimental Brain Research, 2016, 234, 741-751. | 1.5 | 18 |
| 20 | Diminished joint coordination with aging leads to more variable hand paths. Human Movement Science, 2013, 32, 768-784. | 1.4 | 17 |
| 21 | Ipsilesional Arm Motor Sequence Performance After Right and Left Hemisphere Damage. Journal of Motor Behavior, 2014, 46, 407-414. | 0.9 | 17 |
| 22 | Quantitative analysis of multi-element synergy stabilizing performance: comparison of three methods with respect to their use in clinical studies. Experimental Brain Research, 2019, 237, 453-465. | 1.5 | 16 |
| 23 | Gait characteristics of younger-old and older-old adults walking overground and on a compliant surface. Brazilian Journal of Physical Therapy, 2012, 16, 375-380. | 2.5 | 15 |
| 24 | Coupling between muscle activities and muscle torques during horizontal-planar arm movements with direction reversal. Journal of Electromyography and Kinesiology, 2006, 16, 303-311. | 1.7 | 12 |
| 25 | Assessment of the Ipsilesional Hand Function in Stroke Survivors: The Effect of Lesion Side. Journal of Stroke and Cerebrovascular Diseases, 2017, 26, 1615-1621. | 1.6 | 12 |
| 26 | Ipsilesional Arm Aiming Movements After Stroke: Influence of the Degree of Contralesional Impairment. Journal of Motor Behavior, 2018, 50, 104-115. | 0.9 | 11 |
| 27 | Synergic control of action in levodopa-naÃ¯ve Parkinsonâ€™s disease patients: II. Multi-muscle synergies stabilizing vertical posture. Experimental Brain Research, 2020, 238, 2931-2945. | 1.5 | 11 |
| 28 | Synergic control of action in levodopa-naÃ¯ve Parkinsonâ€™s disease patients: I. Multi-finger interaction and coordination. Experimental Brain Research, 2020, 238, 229-245. | 1.5 | 8 |
| 29 | Smell tests to distinguish Parkinsonâ€™s disease from other neurological disorders: a systematic review and meta-analysis. Expert Review of Neurotherapeutics, 2021, 21, 365-379. | 2.8 | 8 |
| 30 | Effects of Direction and Index of Difficulty on Aiming Movements after Stroke. Behavioural Neurology, 2014, 2014, 1-9. | 2.1 | 6 |
| 31 | Combined effects of the light touch and cognitive task affect the components of postural sway. Neuroscience Letters, 2019, 703, 99-103. | 2.1 | 6 |
| 32 | Electromyographic activity of the erector spinae: The short-effect of one workday for welders with nonspecific chronic low back pain, an observational study. Journal of Back and Musculoskeletal Rehabilitation, 2018, 31, 147-154. | 1.1 | 5 |
| 33 | Effect of force magnitude of touch on the components of postural sway. Gait and Posture, 2018, 65, 15-19. | 1.4 | 5 |
| 34 | Smell tests can discriminate Parkinsonâ€™s disease patients from healthy individuals: A meta-analysis. Clinical Neurology and Neurosurgery, 2021, 211, 107024. | 1.4 | 5 |
| 35 | Uncertainty in aiming movements and its association to hand function. Motriz Revista De Educacao Fisica, 2015, 21, 222-229. | 0.2 | 4 |
| 36 | Preparation to a quick whole-body action: control with referent body orientation and multi-muscle synergies. Experimental Brain Research, 2019, 237, 1361-1374. | 1.5 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | The influence of the tasks characteristics in physical performance and psychosocial aspects of workers. Work, 2012, 41, 4813-4816. | 1.1 | 3 |
| 38 | Uso da informaÃ§Ã£o somatossensorial adicional no controle postural: efeito da dominÃ¢ncia manual. Revista Brasileira De EducaÃ§Ã£o FÃsica E Esporte: RBEFE, 2013, 27, 305-313. | 0.1 | 3 |
| 39 | Target height affects the symmetry of the postural adjustments after (but not prior) the onset of reaching movements in upright standing. Neuroscience Letters, 2018, 666, 181-185. | 2.1 | 3 |
| 40 | Influence of target uncertainty on reaching movements while standing in stroke. Human Movement Science, 2019, 64, 283-295. | 1.4 | 3 |
| 41 | The walking cane length influences the postural sway of communityâ€dwelling older women. Physiotherapy Research International, 2020, 25, e1804. | 1.5 | 3 |
| 42 | Performance of discrete, reciprocal, and cyclic movements of the ipsilesional upper limb in individuals after stroke. Experimental Brain Research, 2020, 238, 2323-2331. | 1.5 | 3 |
| 43 | Immediate Effects of Arm Reaching Training in Standing on Postural Control Differ between Right and Left Stroke Individuals. Journal of Stroke and Cerebrovascular Diseases, 2021, 30, 105984. | 1.6 | 3 |
| 44 | Control of Equilibrium in Humans. , 2010, , 219-242. | | 3 |
| 45 | Effects of Displacement and Trajectory Length on the Variability Pattern of Reaching Movements. Journal of Motor Behavior, 1999, 31, 303-308. | 0.9 | 2 |
| 46 | Comparison of Two Methods for Estimating Adjustable Oneâ€Point Cane Length in Communityâ€Dwelling Older Adults. Physiotherapy Research International, 2017, 22, e1641. | 1.5 | 2 |
| 47 | Functional Capacity and Motor Performance of Upper Limbs in Individuals with Cerebellar Disorders: A Pilot Study. Behavioural Neurology, 2017, 2017, 1-7. | 2.1 | 2 |
| 48 | Individualsâ€™ perception about upper limb influence on participation after stroke: an observational study. Topics in Stroke Rehabilitation, 2018, 25, 174-179. | 1.9 | 2 |
| 49 | From One to Two: Can Visual Feedback Improve the Light Touch Effects on Postural Sway?. Journal of Motor Behavior, 2019, 51, 532-539. | 0.9 | 2 |
| 50 | Handwriting with different effectors in individuals with Parkinson's disease. Parkinsonism and Related Disorders, 2020, 78, 91-93. | 2.2 | 2 |
| 51 | Ipsilesional arm reaching movements are not affected by the postural configuration adopted by individuals with stroke. Human Movement Science, 2021, 80, 102865. | 1.4 | 2 |
| 52 | Effects of target location and uncertainty on reaching movements in standing position. Revista Brasileira De EducaÃ§Ã£o FÃsica E Esporte: RBEFE, 2012, 26, 485-493. | 0.1 | 2 |
| 53 | AvaliaÃ§Ã£o instrumentada da funÃ§Ã£o de membros superiores em tarefas simples e dupla. ConScientiae SaÃºde, 2011, 10, 93-101. | 0.1 | 2 |
| 54 | The influence of a real job on upper limb performance in motor skill tests: which abilities are transferred?. International Journal of Occupational Safety and Ergonomics, 2018, 24, 260-267. | 1.9 | 1 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Hand Grip and Load Force Coordination of the Ipsilesional Hand of Chronic Stroke Individuals. Journal of Motor Behavior, 2019, 51, 610-621. | 0.9 | 1 |
| 56 | Exploring the ability of strength and dexterity tests to detect hand function impairment in individuals with Parkinsonâ€™s disease. Physiotherapy Theory and Practice, 2023, 39, 395-404. | 1.3 | 1 |
| 57 | Muscle Activation During Pilates Exercises in Participants With Chronic Nonspecific Low Back Pain: A Cross-Sectional Case-Control Study. Archives of Physical Medicine and Rehabilitation, 2017, 98, 88-95. | 0.9 | 0 |
| 58 | InfluÃªncia da superfÃcie instÃ¡vel no padrÃ£o da marcha de pacientes com doenÃ§a de Parkinson. ConScientiae SaÃºde, 2011, 10, 326-332. | 0.1 | 0 |
| 59 | Ipsilesional upper limb performance in stroke individuals: relationship among outcomes of different tests used to assess hand function. Fisioterapia Em Movimento, 2016, 29, 561-568. | 0.1 | 0 |