

# Sandra M Freitas

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Exploring the ability of strength and dexterity tests to detect hand function impairment in individuals with Parkinson's disease. <i>Physiotherapy Theory and Practice</i> , 2023, 39, 395-404.  | 1.3 | 1         |
| 2  | Smell tests to distinguish Parkinson's disease from other neurological disorders: a systematic review and meta-analysis. <i>Expert Review of Neurotherapeutics</i> , 2021, 21, 365-379.  | 2.8 | 8         |
| 3  | Immediate Effects of Arm Reaching Training in Standing on Postural Control Differ between Right and Left Stroke Individuals. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2021, 30, 105984.                                       | 1.6 | 3         |
| 4  | Ipsilesional arm reaching movements are not affected by the postural configuration adopted by individuals with stroke. <i>Human Movement Science</i> , 2021, 80, 102865.   | 1.4 | 2         |
| 5  | Smell tests can discriminate Parkinson's disease patients from healthy individuals: A meta-analysis. <i>Clinical Neurology and Neurosurgery</i> , 2021, 211, 107024.   | 1.4 | 5         |
| 6  | The walking cane length influences the postural sway of community-dwelling older women. <i>Physiotherapy Research International</i> , 2020, 25, e1804.   | 1.5 | 3         |
| 7  | Synergic control of action in levodopa-naïve Parkinson's disease patients: I. Multi-finger interaction and coordination. <i>Experimental Brain Research</i> , 2020, 238, 229-245.  | 1.5 | 8         |
| 8  | Synergic control of action in levodopa-naïve Parkinson's disease patients: II. Multi-muscle synergies stabilizing vertical posture. <i>Experimental Brain Research</i> , 2020, 238, 2931-2945.   | 1.5 | 11        |
| 9  | Handwriting with different effectors in individuals with Parkinson's disease. <i>Parkinsonism and Related Disorders</i> , 2020, 78, 91-93.   | 2.2 | 2         |
| 10 | Performance of discrete, reciprocal, and cyclic movements of the ipsilesional upper limb in individuals after stroke. <i>Experimental Brain Research</i> , 2020, 238, 2323-2331.   | 1.5 | 3         |
| 11 | Preparation to a quick whole-body action: control with referent body orientation and multi-muscle synergies. <i>Experimental Brain Research</i> , 2019, 237, 1361-1374.  | 1.5 | 4         |
| 12 | Combined effects of the light touch and cognitive task affect the components of postural sway. <i>Neuroscience Letters</i> , 2019, 703, 99-103.  | 2.1 | 6         |
| 13 | Influence of target uncertainty on reaching movements while standing in stroke. <i>Human Movement Science</i> , 2019, 64, 283-295.   | 1.4 | 3         |
| 14 | From One to Two: Can Visual Feedback Improve the Light Touch Effects on Postural Sway?. <i>Journal of Motor Behavior</i> , 2019, 51, 532-539.  | 0.9 | 2         |
| 15 | Quantitative analysis of multi-element synergy stabilizing performance: comparison of three methods with respect to their use in clinical studies. <i>Experimental Brain Research</i> , 2019, 237, 453-465.                                  | 1.5 | 16        |
| 16 | Hand Grip and Load Force Coordination of the Ipsilesional Hand of Chronic Stroke Individuals. <i>Journal of Motor Behavior</i> , 2019, 51, 610-621.  | 0.9 | 1         |
| 17 | Individual preferences in motor coordination seen across the two hands: relations to movement stability and optimality. <i>Experimental Brain Research</i> , 2019, 237, 1-13.  | 1.5 | 20        |
| 18 | Electromyographic activity of the erector spinae: The short-effect of one workday for welders with nonspecific chronic low back pain, an observational study. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 147-154. | 1.1 | 5         |

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|----|---|-----|-----------|
| 19 | Target height affects the symmetry of the postural adjustments after (but not prior) the onset of reaching movements in upright standing. <i>Neuroscience Letters</i> , 2018, 666, 181-185.                         | 2.1 | 3         |
| 20 | Stability of steady hand force production explored across spaces and methods of analysis. <i>Experimental Brain Research</i> , 2018, 236, 1545-1562.  | 1.5 | 20        |
| 21 | The influence of a real job on upper limb performance in motor skill tests: which abilities are transferred?. <i>International Journal of Occupational Safety and Ergonomics</i> , 2018, 24, 260-267.               | 1.9 | 1         |
| 22 | Ipsilesional Arm Aiming Movements After Stroke: Influence of the Degree of Contralesional Impairment. <i>Journal of Motor Behavior</i> , 2018, 50, 104-115.   | 0.9 | 11        |
| 23 | Individuals' perception about upper limb influence on participation after stroke: an observational study. <i>Topics in Stroke Rehabilitation</i> , 2018, 25, 174-179.   | 1.9 | 2         |
| 24 | Effect of force magnitude of touch on the components of postural sway. <i>Gait and Posture</i> , 2018, 65, 15-19.   | 1.4 | 5         |
| 25 | Comparison of Two Methods for Estimating Adjustable One-Point Cane Length in Community-Dwelling Older Adults. <i>Physiotherapy Research International</i> , 2017, 22, e1641.  | 1.5 | 2         |
| 26 | Assessment of the Ipsilesional Hand Function in Stroke Survivors: The Effect of Lesion Side. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2017, 26, 1615-1621.   | 1.6 | 12        |
| 27 | Muscle Activation During Pilates Exercises in Participants With Chronic Nonspecific Low Back Pain: A Cross-Sectional Case-Control Study. <i>Archives of Physical Medicine and Rehabilitation</i> , 2017, 98, 88-95. | 0.9 | 0         |
| 28 | Functional Capacity and Motor Performance of Upper Limbs in Individuals with Cerebellar Disorders: A Pilot Study. <i>Behavioural Neurology</i> , 2017, 2017, 1-7.   | 2.1 | 2         |
| 29 | Relationship of diminished interjoint coordination after stroke to hand path consistency. <i>Experimental Brain Research</i> , 2016, 234, 741-751.  | 1.5 | 18        |
| 30 | Ipsilesional upper limb performance in stroke individuals: relationship among outcomes of different tests used to assess hand function. <i>Fisioterapia Em Movimento</i> , 2016, 29, 561-568.                       | 0.1 | 0         |
| 31 | Uncertainty in aiming movements and its association to hand function. <i>Motriz Revista De Educacao Fisica</i> , 2015, 21, 222-229.   | 0.2 | 4         |
| 32 | Effects of Direction and Index of Difficulty on Aiming Movements after Stroke. <i>Behavioural Neurology</i> , 2014, 2014, 1-9.  | 2.1 | 6         |
| 33 | Ipsilesional Arm Motor Sequence Performance After Right and Left Hemisphere Damage. <i>Journal of Motor Behavior</i> , 2014, 46, 407-414.   | 0.9 | 17        |
| 34 | Effect of light touch on postural sway in individuals with balance problems: A systematic review. <i>Gait and Posture</i> , 2014, 40, 1-10.   | 1.4 | 62        |
| 35 | Diminished joint coordination with aging leads to more variable hand paths. <i>Human Movement Science</i> , 2013, 32, 768-784.  | 1.4 | 17        |
| 36 | Uso da informaço somatossensorial adicional no controle postural: efeito da dominância manual. <i>Revista Brasileira De Educaço Física E Esporte: RBEFE</i> , 2013, 27, 305-313.                                    | 0.1 | 3         |

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|----|---|-----|-----------|
| 37 | Individuals with post-stroke hemiparesis are able to use additional sensory information to reduce postural sway. <i>Neuroscience Letters</i> , 2012, 513, 6-11.                               | 2.1 | 46        |
| 38 | Joint coordination in young and older adults during quiet stance: Effect of visual feedback of the center of pressure. <i>Gait and Posture</i> , 2012, 35, 83-87.                             | 1.4 | 37        |
| 39 | The influence of the tasks characteristics in physical performance and psychosocial aspects of workers. <i>Work</i> , 2012, 41, 4813-4816.  | 1.1 | 3         |
| 40 | Gait characteristics of younger-old and older-old adults walking overground and on a compliant surface. <i>Brazilian Journal of Physical Therapy</i> , 2012, 16, 375-380.                     | 2.5 | 15        |
| 41 | Effects of target location and uncertainty on reaching movements in standing position. <i>Revista Brasileira De Educaç o F sica E Esporte: RBEFE</i> , 2012, 26, 485-493.                     | 0.1 | 2         |
| 42 | Timing variability of reach trajectories in left versus right hemisphere stroke. <i>Brain Research</i> , 2011, 1419, 19-33.   | 2.2 | 18        |
| 43 | Avaliaç o instrumentada da funç o de membros superiores em tarefas simples e dupla. <i>ConScientiae Sa de</i> , 2011, 10, 93-101.   | 0.1 | 2         |
| 44 | Influ ncia da superf cie inst vel no padr o da marcha de pacientes com doenç a de Parkinson. <i>ConScientiae Sa de</i> , 2011, 10, 326-332.   | 0.1 | 0         |
| 45 | Motor Abundance Contributes to Resolving Multiple Kinematic Task Constraints. <i>Motor Control</i> , 2010, 14, 83-115.  | 0.6 | 42        |
| 46 | A comparison of methods for identifying the Jacobian for uncontrolled manifold variance analysis. <i>Journal of Biomechanics</i> , 2010, 43, 775-777.   | 2.1 | 26        |
| 47 | Analyses of joint variance related to voluntary whole-body movements performed in standing. <i>Journal of Neuroscience Methods</i> , 2010, 188, 89-96.  | 2.5 | 25        |
| 48 | Revis o sobre posturografia baseada em plataforma de forç a para avaliaç o do equil brio. <i>Brazilian Journal of Physical Therapy</i> , 2010, 14, 183-192.                                   | 2.5 | 435       |
| 49 | Control of Equilibrium in Humans. , 2010, , 219-242.  |     | 3         |
| 50 | Does hand dominance affect the use of motor abundance when reaching to uncertain targets?. <i>Human Movement Science</i> , 2009, 28, 169-190.   | 1.4 | 34        |
| 51 | Effects of joint immobilization on standing balance. <i>Human Movement Science</i> , 2009, 28, 515-528.   | 1.4 | 51        |
| 52 | Effect of motor planning on use of motor abundance. <i>Neuroscience Letters</i> , 2007, 417, 66-71.   | 2.1 | 46        |
| 53 | Coupling between muscle activities and muscle torques during horizontal-planar arm movements with direction reversal. <i>Journal of Electromyography and Kinesiology</i> , 2006, 16, 303-311. | 1.7 | 12        |
| 54 | Two Kinematic Synergies in Voluntary Whole-Body Movements During Standing. <i>Journal of Neurophysiology</i> , 2006, 95, 636-645.   | 1.8 | 71        |

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|----|---|-----|-----------|
| 55 | Speedâ€“Accuracy Trade-Off in Voluntary Postural Movements. <i>Motor Control</i> , 2005, 9, 180-196.  | 0.6 | 46        |
| 56 | Age-related changes in human postural control of prolonged standing. <i>Gait and Posture</i> , 2005, 22, 322-330.                                     | 1.4 | 93        |
| 57 | The use of a safety harness does not affect body sway during quiet standing. <i>Clinical Biomechanics</i> , 2005, 20, 336-339.                        | 1.2 | 31        |
| 58 | Movement sway: changes in postural sway during voluntary shifts of the center of pressure. <i>Experimental Brain Research</i> , 2003, 150, 314-324.   | 1.5 | 82        |
| 59 | Effects of Displacement and Trajectory Length on the Variability Pattern of Reaching Movements. <i>Journal of Motor Behavior</i> , 1999, 31, 303-308. | 0.9 | 2         |