

# Gerard E Francisco

## List of Publications by Year in descending order

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Version: 2024-02-01

77  
papers

3,016  
citations

186209

28  
h-index

175177

52  
g-index

84  
all docs

84  
docs citations

84  
times ranked

3186  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Current status and trends in subspecialty certification in physical medicine and rehabilitation. PM and R, 2023, 15, 212-221.  | 0.9 | 4         |
| 2  | Digitally Assisted Versus Conventional Home-Based Rehabilitation After Arthroscopic Rotator Cuff Repair. American Journal of Physical Medicine and Rehabilitation, 2022, 101, 237-249.                                       | 0.7 | 29        |
| 3  | Asynchronous and Tailored Digital Rehabilitation of Chronic Shoulder Pain: A Prospective Longitudinal Cohort Study. Journal of Pain Research, 2022, Volume 15, 53-66.  | 0.8 | 21        |
| 4  | Evidence of treating spasticity before it develops: a systematic review of spasticity outcomes in acute spinal cord injury interventional trials. Therapeutic Advances in Neurological Disorders, 2022, 15, 175628642110706. | 1.5 | 3         |
| 5  | Decoding neural activity preceding balance loss during standing with a lower-limb exoskeleton using an interpretable deep learning model. Journal of Neural Engineering, 2022, 19, 036015.                                   | 1.8 | 5         |
| 6  | Long-Term Observational Results from the ASPIRE Study: OnabotulinumtoxinA Treatment for Adult Lower Limb Spasticity. PM and R, 2021, 13, 1079-1093.  | 0.9 | 2         |
| 7  | A practical guide to optimizing the benefits of post-stroke spasticity interventions with botulinum toxin A: An international group consensus. Journal of Rehabilitation Medicine, 2021, 53, jrm00134.                       | 0.8 | 26        |
| 8  | Post-Stroke Spasticity. , 2021, , 149-173.   |     | 5         |
| 9  | Effects of an exoskeleton-assisted gait training on post-stroke lower-limb muscle coordination. Journal of Neural Engineering, 2021, 18, 046039.   | 1.8 | 19        |
| 10 | Real-world analysis of botulinum toxin (BoNT) injections in post-stroke spasticity: Higher doses of BoNT and longer intervals in the early-start group. Journal of the Neurological Sciences, 2021, 425, 117449.             | 0.3 | 5         |
| 11 | Real-World Adherence to OnabotulinumtoxinA Treatment for Spasticity: Insights From the ASPIRE Study. Archives of Physical Medicine and Rehabilitation, 2021, 102, 2172-2184.e6.  | 0.5 | 1         |
| 12 | Digital Rehabilitation for Acute Ankle Sprains: Prospective Longitudinal Cohort Study. JMIR Rehabilitation and Assistive Technologies, 2021, 8, e31247.  | 1.1 | 11        |
| 13 | Improving Botulinum Toxin Efficiency in Treating Post-Stroke Spasticity Using 3D Innervation Zone Imaging. International Journal of Neural Systems, 2021, 31, 2150007.   | 3.2 | 11        |
| 14 | The COVID-19 Pandemic Is an Accelerator of the Evolution of Physiatry. American Journal of Physical Medicine and Rehabilitation, 2021, 100, S1-S2.   | 0.7 | 0         |
| 15 | Combining robotic exoskeleton and body weight unweighing technology to promote walking activity in tetraplegia following SCI: A case study. Journal of Spinal Cord Medicine, 2020, 43, 126-129.                              | 0.7 | 6         |
| 16 | User satisfaction with lower limb wearable robotic exoskeletons. Disability and Rehabilitation: Assistive Technology, 2020, 15, 322-327.   | 1.3 | 13        |
| 17 | Exoskeleton-assisted Gait Training in Persons With Multiple Sclerosis: A Single-Group Pilot Study. Archives of Physical Medicine and Rehabilitation, 2020, 101, 599-606.   | 0.5 | 23        |
| 18 | The Effects of Botulinum Toxin Injections on Spasticity and Motor Performance in Chronic Stroke with Spastic Hemiplegia. Toxins, 2020, 12, 492.  | 1.5 | 19        |

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|----|---|-----|-----------|
| 19 | Neural activity modulations and motor recovery following brain-exoskeleton interface mediated stroke rehabilitation. <i>NeuroImage: Clinical</i> , 2020, 28, 102502.  | 1.4 | 24        |
| 20 | The ReWalk ReStore, a soft robotic exosuit: a multi-site clinical trial of the safety, reliability, and feasibility of exosuit-augmented post-stroke gait rehabilitation. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2020, 17, 80.                     | 2.4 | 72        |
| 21 | High clinician- and patient-reported satisfaction with individualized onabotulinumtoxinA treatment for spasticity across several etiologies from the ASPIRE study. <i>Toxicon: X</i> , 2020, 7, 100040.   | 1.2 | 4         |
| 22 | Individualized OnabotulinumtoxinA Treatment for Upper Limb Spasticity Resulted in High Clinician- and Patient-Reported Satisfaction: Long-Term Observational Results from the ASPIRE Study. <i>PM and R</i> , 2020, 12, 1120-1133.                                  | 0.9 | 13        |
| 23 | The role of physical and rehabilitation medicine in the COVID-19 pandemic: The clinician's view. <i>Annals of Physical and Rehabilitation Medicine</i> , 2020, 63, 554-556.   | 1.1 | 112       |
| 24 | COVID-19 pandemic. What should Physical and Rehabilitation Medicine specialists do? A clinician's perspective. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2020, 56, 515-524.   | 1.1 | 87        |
| 25 | Interpretable Deep Learning Models for Single Trial Prediction of Balance Loss. , 2020, , .   |     | 8         |
| 26 | A Unifying Pathophysiological Account for Post-stroke Spasticity and Disordered Motor Control. <i>Frontiers in Neurology</i> , 2019, 10, 468.   | 1.1 | 80        |
| 27 | Robot-assisted Therapy for the Upper Limb after Cervical Spinal Cord Injury. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2019, 30, 367-384.  | 0.7 | 28        |
| 28 | The Use of Botulinum Toxin for Treatment of Spasticity. <i>Handbook of Experimental Pharmacology</i> , 2019, 263, 127-146.  | 0.9 | 16        |
| 29 | Neural Decoding of Robot-Assisted Gait During Rehabilitation After Stroke. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2018, 97, 541-550.   | 0.7 | 35        |
| 30 | Intrathecal baclofen therapy versus conventional medical management for severe poststroke spasticity: results from a multicentre, randomised, controlled, open-label trial (SISTERS). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018, 89, 642-650. | 0.9 | 30        |
| 31 | Effect on Passive Range of Motion and Functional Correlates After a Long-Term Lower Limb Self-Stretch Program in Patients With Chronic Spastic Paresis. <i>PM and R</i> , 2018, 10, 1020-1031.  | 0.9 | 18        |
| 32 | Exoskeleton-assisted gait training to improve gait in individuals with spinal cord injury: a pilot randomized study. <i>Pilot and Feasibility Studies</i> , 2018, 4, 62.  | 0.5 | 32        |
| 33 | Effect of Intrathecal Baclofen on Pain and Quality of Life in Poststroke Spasticity. <i>Stroke</i> , 2018, 49, 2129-2137.   | 1.0 | 26        |
| 34 | A comprehensive person-centered approach to adult spastic paresis: a consensus-based framework. <i>European Journal of Physical and Rehabilitation Medicine</i> , 2018, 54, 605-617.  | 1.1 | 38        |
| 35 | Randomized Sham-Controlled Trial of Navigated Repetitive Transcranial Magnetic Stimulation for Motor Recovery in Stroke. <i>Stroke</i> , 2018, 49, 2138-2146.   | 1.0 | 113       |
| 36 | Post-stroke Hemiplegic Gait: New Perspective and Insights. <i>Frontiers in Physiology</i> , 2018, 9, 1021.  | 1.3 | 141       |

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|----|--|-----|-----------|
| 37 | White matter changes in corticospinal tract associated with improvement in arm and hand functions in incomplete cervical spinal cord injury: pilot case series. <i>Spinal Cord Series and Cases</i> , 2017, 3, 17028.  | 0.3 | 8         |
| 38 | Combined Dextroamphetamine and Transcranial Direct Current Stimulation in Poststroke Aphasia. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, S141-S145.   | 0.7 | 25        |
| 39 | Improving robotic stroke rehabilitation by incorporating neural intent detection: Preliminary results from a clinical trial. , 2017, 2017, 122-127.  |     | 17        |
| 40 | Wearable Robotic Approaches to Lower Extremity Gait Systems. , 2017, , 75-97.  |     | 2         |
| 41 | Telemedicine-guided education on secondary stroke and fall prevention following inpatient rehabilitation for Texas patients with stroke and their caregivers: a feasibility pilot study. <i>BMJ Open</i> , 2017, 7, e017340.                                     | 0.8 | 19        |
| 42 | Patient Registry of Spasticity Care World. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 881-888.  | 0.7 | 8         |
| 43 | Practice patterns for spasticity management with phenol neurolysis. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 482-488.   | 0.8 | 35        |
| 44 | Adult Spasticity International Registry Study: methodology and baseline patient, healthcare provider, and caregiver characteristics. <i>Journal of Rehabilitation Medicine</i> , 2017, 49, 659-666.  | 0.8 | 8         |
| 45 | Design and Optimization of an EEG-Based Brain Machine Interface (BMI) to an Upper-Limb Exoskeleton for Stroke Survivors. <i>Frontiers in Neuroscience</i> , 2016, 10, 122.   | 1.4 | 130       |
| 46 | Transcranial direct current stimulation (tDCS) of the primary motor cortex and robot-assisted arm training in chronic incomplete cervical spinal cord injury: A proof of concept sham-randomized clinical study. <i>NeuroRehabilitation</i> , 2016, 39, 401-411. | 0.5 | 45        |
| 47 | Neuromodulation for Post-Stroke Aphasia. <i>Current Physical Medicine and Rehabilitation Reports</i> , 2016, 4, 171-181.   | 0.3 | 2         |
| 48 | The H2 robotic exoskeleton for gait rehabilitation after stroke: early findings from a clinical study. <i>Journal of NeuroEngineering and Rehabilitation</i> , 2015, 12, 54.   | 2.4 | 271       |
| 49 | Diffusion tensor imaging of the human cerebellar pathways and their interplay with cerebral macrostructure. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 41.  | 0.9 | 63        |
| 50 | Correlation of Resting Elbow Angle with Spasticity in Chronic Stroke Survivors. <i>Frontiers in Neurology</i> , 2015, 6, 183.  | 1.1 | 29        |
| 51 | New insights into the pathophysiology of post-stroke spasticity. <i>Frontiers in Human Neuroscience</i> , 2015, 9, 192.  | 1.0 | 149       |
| 52 | Design of a parallel-group balanced controlled trial to test the effects of assist-as-needed robotic therapy. , 2015, , .  |     | 2         |
| 53 | Neuropharmacology of Poststroke Motor and Speech Recovery. <i>Physical Medicine and Rehabilitation Clinics of North America</i> , 2015, 26, 671-689.   | 0.7 | 10        |
| 54 | Acoustic Startle Reflex in Patients With Chronic Stroke at Different Stages of Motor Recovery: A Pilot Study. <i>Topics in Stroke Rehabilitation</i> , 2014, 21, 358-370.  | 1.0 | 25        |

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|----|---|-----|-----------|
| 55 | Detecting movement intent from scalp EEG in a novel upper limb robotic rehabilitation system for stroke. , 2014, 2014, 4127-4130.   |     | 17        |
| 56 | An integrated neuro-robotic interface for stroke rehabilitation using the NASA X1 powered lower limb exoskeleton. , 2014, 2014, 3985-8.   |     | 30        |
| 57 | Applications of Brain-Computer Interface Systems in Stroke Recovery and Rehabilitation. Current Physical Medicine and Rehabilitation Reports, 2014, 2, 93-105.                          | 0.3 | 67        |
| 58 | A pre-clinical framework for neural control of a therapeutic upper-limb exoskeleton. , 2013, , 1159-1162.   |     | 8         |
| 59 | Assessing and treating functional impairment in poststroke spasticity. Neurology, 2013, 80, S35-44.   | 1.5 | 77        |
| 60 | Patient Registry of Outcomes in Spasticity Care. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 729-746.   | 0.7 | 35        |
| 61 | Do Botulinum Toxins Have a Role in the Management of Neuropathic Pain?. American Journal of Physical Medicine and Rehabilitation, 2012, 91, 899-909.                                    | 0.7 | 28        |
| 62 | Poststroke Spasticity Management. Stroke, 2012, 43, 3132-3136.  | 1.0 | 117       |
| 63 | 43rd Walter J. Zeiter Lecture, 2011 The Pursuit of Excellence in Physiatric Education and Practice. PM and R, 2012, 4, 711-718.   | 0.9 | 0         |
| 64 | Botulinum Toxin (BT) injection improves voluntary motor control in selected patients with post-stroke spasticity. Neural Regeneration Research, 2012, 7, 1436-1439.                     | 1.6 | 11        |
| 65 | Dynamic splinting after treatment with botulinum toxin type-A: A randomized controlled pilot study. Advances in Therapy, 2009, 26, 241-248.   | 1.3 | 53        |
| 66 | Intrathecal Baclofen Therapy: An Update. PM and R, 2009, 1, 852-858.  | 0.9 | 44        |
| 67 | Intrathecal baclofen therapy for spastic hypertonia in chronic traumatic brain injury. Brain Injury, 2007, 21, 335-338.   | 0.6 | 26        |
| 68 | Pharmacological management of neurobehavioural sequelae of traumatic brain injury: A survey of current physiatric practice. Brain Injury, 2007, 21, 1007-1014.                          | 0.6 | 48        |
| 69 | Intrathecal baclofen in the management of post-stroke hypertonia: current applications and future directions. , 2007, 97, 219-226.  |     | 3         |
| 70 | Botulinum toxin for post-stroke spastic hypertonia: a review of its efficacy and application in clinical practice. Annals of the Academy of Medicine, Singapore, 2007, 36, 22-30.       | 0.2 | 5         |
| 71 | Intrathecal Baclofen Management of Poststroke Spastic Hypertonia: Implications for Function and Quality of Life. Archives of Physical Medicine and Rehabilitation, 2006, 87, 1509-1515. | 0.5 | 58        |
| 72 | Consensus Panel Guidelines for the Use of Intrathecal Baclofen Therapy in Poststroke Spastic Hypertonia. Topics in Stroke Rehabilitation, 2006, 13, 74-85.                              | 1.0 | 31        |

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|----|---|-----|-----------|
| 73 | Improvement in walking speed in poststroke spastic hemiplegia after intrathecal baclofen therapy: a preliminary study11A commercial party with a direct financial interest in the results of the research supporting this article has conferred or will confer a financial benefit on the author or 1 or more of the authors.. Archives of Physical Medicine and Rehabilitation, 2003, 84, 1194-1199. | 0.5 | 80        |
| 74 | Botulinum Toxin in Upper Limb Spasticity After Acquired Brain Injury. American Journal of Physical Medicine and Rehabilitation, 2002, 81, 355-363.  | 0.7 | 73        |
| 75 | Abrupt withdrawal from intrathecal baclofen: Recognition and management of a potentially life-threatening syndrome. Archives of Physical Medicine and Rehabilitation, 2002, 83, 735-741.  | 0.5 | 256       |
| 76 | Intrathecal Baclofen Therapy for Stroke-Related Spasticity. Topics in Stroke Rehabilitation, 2001, 8, 36-46.  | 1.0 | 17        |
| 77 | Distinct Kinematic and Neuromuscular Activation Strategies During Quiet Stance and in Response to Postural Perturbations in Healthy Individuals Fitted With and Without a Lower-Limb Exoskeleton. Frontiers in Human Neuroscience, 0, 16, .   | 1.0 | 2         |