

Svend S Geertsen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9334718/publications.pdf>

Version: 2024-02-01

40
papers

1,588
citations

361045

20
h-index

315357

38
g-index

42
all docs

42
docs citations

42
times ranked

1944
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | The effects of cardiovascular exercise on human memory: A review with meta-analysis. <i>Neuroscience and Biobehavioral Reviews</i> , 2013, 37, 1645-1666. | 2.9 | 342 |
| 2 | Premotor cortex modulates somatosensory cortex during voluntary movements without proprioceptive feedback. <i>Nature Neuroscience</i> , 2007, 10, 417-419. | 7.1 | 195 |
| 3 | Acute Exercise and Motor Memory Consolidation: The Role of Exercise Intensity. <i>PLoS ONE</i> , 2016, 11, e0159589. | 1.1 | 97 |
| 4 | Motor Skills and Exercise Capacity Are Associated with Objective Measures of Cognitive Functions and Academic Performance in Preadolescent Children. <i>PLoS ONE</i> , 2016, 11, e0161960. | 1.1 | 87 |
| 5 | Acute Exercise and Motor Memory Consolidation: The Role of Exercise Timing. <i>Neural Plasticity</i> , 2016, 2016, 1-11. | 1.0 | 66 |
| 6 | Motor-Enriched Learning Activities Can Improve Mathematical Performance in Preadolescent Children. <i>Frontiers in Human Neuroscience</i> , 2016, 10, 645. | 1.0 | 64 |
| 7 | Increased central facilitation of antagonist reciprocal inhibition at the onset of dorsiflexion following explosive strength training. <i>Journal of Applied Physiology</i> , 2008, 105, 915-922. | 1.2 | 62 |
| 8 | Reciprocal Ia inhibition contributes to motoneuronal hyperpolarisation during the inactive phase of locomotion and scratching in the cat. <i>Journal of Physiology</i> , 2011, 589, 119-134. | 1.3 | 59 |
| 9 | Impaired gait function in adults with cerebral palsy is associated with reduced rapid force generation and increased passive stiffness. <i>Clinical Neurophysiology</i> , 2015, 126, 2320-2329. | 0.7 | 53 |
| 10 | Corticospinal control of normal and visually guided gait in healthy older and younger adults. <i>Neurobiology of Aging</i> , 2019, 78, 29-41. | 1.5 | 41 |
| 11 | Watching Your Foot Move—An fMRI Study of Visuomotor Interactions during Foot Movement. <i>Cerebral Cortex</i> , 2007, 17, 1906-1917. | 1.6 | 35 |
| 12 | Acute exercise and motor memory consolidation: Does exercise type play a role?. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2017, 27, 1523-1532. | 1.3 | 35 |
| 13 | Voluntary activation of ankle muscles is accompanied by subcortical facilitation of their antagonists. <i>Journal of Physiology</i> , 2010, 588, 2391-2402. | 1.3 | 34 |
| 14 | Increased central common drive to ankle plantar flexor and dorsiflexor muscles during visually guided gait. <i>Physiological Reports</i> , 2018, 6, e13598. | 0.7 | 33 |
| 15 | Oscillatory Corticospinal Activity during Static Contraction of Ankle Muscles Is Reduced in Healthy Old versus Young Adults. <i>Neural Plasticity</i> , 2018, 2018, 1-13. | 1.0 | 30 |
| 16 | Using Corticomuscular and Intermuscular Coherence to Assess Cortical Contribution to Ankle Plantar Flexor Activity During Gait. <i>Journal of Motor Behavior</i> , 2019, 51, 668-680. | 0.5 | 29 |
| 17 | Explosive Resistance Training Increases Rate of Force Development in Ankle Dorsiflexors and Gait Function in Adults With Cerebral Palsy. <i>Journal of Strength and Conditioning Research</i> , 2016, 30, 2749-2760. | 1.0 | 28 |
| 18 | Improved cognitive performance in preadolescent Danish children after the school-based physical activity programme "FIFA 11 for Health" for Europe – A cluster-randomised controlled trial. <i>European Journal of Sport Science</i> , 2018, 18, 130-139. | 1.4 | 28 |

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|----|---|-----|-----------|
| 19 | Development and aging of human spinal cord circuitries. <i>Journal of Neurophysiology</i> , 2017, 118, 1133-1140. | 0.9 | 25 |
| 20 | Assessment of a portable device for the quantitative measurement of ankle joint stiffness in spastic individuals. <i>Clinical Neurophysiology</i> , 2012, 123, 1371-1382. | 0.7 | 24 |
| 21 | Interlimb communication to the knee flexors during walking in humans. <i>Journal of Physiology</i> , 2013, 591, 4921-4935. | 1.3 | 23 |
| 22 | Effects of oily fish intake on cognitive and socioemotional function in healthy 8-9-year-old children: the FiSK Junior randomized trial. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 74-83. | 2.2 | 22 |
| 23 | Central common drive to antagonistic ankle muscles in relation to short-term cocontraction training in nondancers and professional ballet dancers. <i>Journal of Applied Physiology</i> , 2013, 115, 1075-1081. | 1.2 | 21 |
| 24 | Acute high-intensity football games can improve children's inhibitory control and neurophysiological measures of attention. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 1546-1562. | 1.3 | 21 |
| 25 | The development of functional and directed corticomuscular connectivity during tonic ankle muscle contraction across childhood and adolescence. <i>NeuroImage</i> , 2019, 191, 350-360. | 2.1 | 17 |
| 26 | Spinal inhibition of descending command to soleus motoneurons is removed prior to dorsiflexion. <i>Journal of Physiology</i> , 2011, 589, 5819-5831. | 1.3 | 16 |
| 27 | Convergence of ipsi- and contralateral muscle afferents on common interneurons mediating reciprocal inhibition of ankle plantarflexors in humans. <i>Experimental Brain Research</i> , 2017, 235, 1555-1564. | 0.7 | 14 |
| 28 | Dynamics of postural control during bilateral stance - Effect of support area, visual input and age. <i>Human Movement Science</i> , 2019, 67, 102462. | 0.6 | 12 |
| 29 | Transcutaneous spinal direct current stimulation increases corticospinal transmission and enhances voluntary motor output in humans. <i>Physiological Reports</i> , 2020, 8, e14531. | 0.7 | 12 |
| 30 | Real-world outcomes for a complete nationwide cohort of more than 3200 teriflunomide-treated multiple sclerosis patients in The Danish Multiple Sclerosis Registry. <i>PLoS ONE</i> , 2021, 16, e0250820. | 1.1 | 12 |
| 31 | Directed connectivity between primary and premotor areas underlying ankle force control in young and older adults. <i>NeuroImage</i> , 2020, 218, 116982. | 2.1 | 11 |
| 32 | Short-latency crossed responses in the human biceps femoris muscle. <i>Journal of Physiology</i> , 2015, 593, 3657-3671. | 1.3 | 9 |
| 33 | Transcranial Alternating Current Stimulation of the Primary Motor Cortex after Skill Acquisition Improves Motor Memory Retention in Humans: A Double-Blinded Sham-Controlled Study. <i>Cerebral Cortex Communications</i> , 2020, 1, tgaa047. | 0.7 | 8 |
| 34 | Interlimb communication following unexpected changes in treadmill velocity during human walking. <i>Journal of Neurophysiology</i> , 2015, 113, 3151-3158. | 0.9 | 6 |
| 35 | Impaired Ability to Suppress Excitability of Antagonist Motoneurons at Onset of Dorsiflexion in Adults with Cerebral Palsy. <i>Neural Plasticity</i> , 2018, 2018, 1-11. | 1.0 | 5 |
| 36 | Vaccine Response in Patients With Multiple Sclerosis Receiving Teriflunomide. <i>Frontiers in Neurology</i> , 2022, 13, 828616. | 1.1 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Stimulus Point Distribution in Deep or Superficial Peroneal Nerve for Treatment of Ankle Spasticity. <i>Neuromodulation</i> , 2013, 16, 251-255. | 0.4 | 3 |
| 38 | Exploring correlations between neuropsychological measures and domain-specific consistency in associations with n-3 LCPUFA status in 8-9 year-old boys and girls. <i>PLoS ONE</i> , 2019, 14, e0216696. | 1.1 | 3 |
| 39 | Characterization of corticospinal activation of finger motor neurons during precision and power grip in humans. <i>Experimental Brain Research</i> , 2018, 236, 745-753. | 0.7 | 1 |
| 40 | Functionality of the Contralateral Biceps Femoris Reflex Response during Human Walking. <i>Biosystems and Biorobotics</i> , 2014, , 765-773. | 0.2 | 1 |