

# Frank Vandenabeele

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

1,674  
citations

471509

17  
h-index

361022

35  
g-index

36  
all docs

36  
docs citations

36  
times ranked

2361  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Skeletal muscle repair by adult human mesenchymal stem cells from synovial membrane. <i>Journal of Cell Biology</i> , 2003, 160, 909-918.   | 5.2 | 602       |
| 2  | A primary culture of mouse proximal tubular cells, established on collagen-coated membranes. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F476-F485.   | 2.7 | 138       |
| 3  | Cytokine-induced cell death in human oligodendroglial cell lines: I. Synergistic effects of IFN $\gamma$ and TNF $\alpha$ on apoptosis. <i>Journal of Neuroscience Research</i> , 2004, 76, 834-845.  | 2.9 | 118       |
| 4  | Characterization of three human oligodendroglial cell lines as a model to study oligodendrocyte injury: Morphology and oligodendrocyte-specific gene expression. <i>Journal of Neurocytology</i> , 2003, 32, 25-38.   | 1.5 | 110       |
| 5  | Multiple Sclerosis Affects Skeletal Muscle Characteristics. <i>PLoS ONE</i> , 2014, 9, e108158.   | 2.5 | 78        |
| 6  | High Intensity Exercise in Multiple Sclerosis: Effects on Muscle Contractile Characteristics and Exercise Capacity, a Randomised Controlled Trial. <i>PLoS ONE</i> , 2015, 10, e0133697.  | 2.5 | 71        |
| 7  | Morphological and immunocytochemical characterization of cultured fibroblast-like cells derived from adult human synovial membrane. <i>Archives of Histology and Cytology</i> , 2003, 66, 145-153.  | 0.2 | 60        |
| 8  | Leukemia inhibitory factor is produced by myelin-reactive T cells from multiple sclerosis patients and protects against tumor necrosis factor- $\alpha$ -induced oligodendrocyte apoptosis. <i>Journal of Neuroscience Research</i> , 2006, 83, 763-774.                      | 2.9 | 58        |
| 9  | Alpha-smooth muscle actin ( $\alpha$ SMA) and nestin expression in reactive astrocytes in multiple sclerosis lesions: potential regulatory role of transforming growth factor- $\beta$ 1 (TGF $\beta$ 1). <i>Neuropathology and Applied Neurobiology</i> , 2008, 34, 532-546. | 3.2 | 47        |
| 10 | Exercise Intensity Matters in Chronic Nonspecific Low Back Pain Rehabilitation. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2434-2442.   | 0.4 | 38        |
| 11 | High risk of tunnel convergence during combined anterior cruciate ligament and anterolateral ligament reconstruction. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 611-617.  | 4.2 | 29        |
| 12 | High Intensity Aerobic and Resistance Exercise Can Improve Glucose Tolerance in Persons With Multiple Sclerosis. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2017, 96, 161-166.   | 1.4 | 27        |
| 13 | Unilateral changes of the multifidus in persons with lumbar disc herniation: a systematic review and meta-analysis. <i>Spine Journal</i> , 2020, 20, 1573-1585.   | 1.3 | 23        |
| 14 | Encapsulated Ruffini-like endings in human lumbar facet joints. <i>Journal of Anatomy</i> , 1997, 191, 571-583.   | 1.5 | 22        |
| 15 | High Intensity Training to Treat Chronic Nonspecific Low Back Pain: Effectiveness of Various Exercise Modes. <i>Journal of Clinical Medicine</i> , 2020, 9, 2401.   | 2.4 | 22        |
| 16 | General practitioners' predictions of their own patients' health literacy: a cross-sectional study in Belgium. <i>BMJ Open</i> , 2019, 9, e029357.  | 1.9 | 20        |
| 17 | Biopsy samples from the erector spinae of persons with nonspecific chronic low back pain display a decrease in glycolytic muscle fibers. <i>Spine Journal</i> , 2020, 20, 199-206.  | 1.3 | 20        |
| 18 | Feasibility of high intensity training in nonspecific chronic low back pain: A clinical trial. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2018, 31, 657-666.   | 1.1 | 18        |

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|----|--|-----|-----------|
| 19 | Reliability and agreement of isometric functional trunk and isolated lumbar strength assessment in healthy persons and persons with chronic nonspecific low back pain. <i>Physical Therapy in Sport</i> , 2019, 38, 1-7.                                 | 1.9 | 18        |
| 20 | Characterization of mature rat oligodendrocytes: a proteomic approach. <i>Journal of Neurochemistry</i> , 2007, 102, 562-576.  | 3.9 | 17        |
| 21 | Impact of Exerciseâ€™Nutritional State Interactions in Patients with Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 720-728.  | 0.4 | 17        |
| 22 | Altered signaling for mitochondrial and myofibrillar biogenesis in skeletal muscles of patients with multiple sclerosis. <i>Translational Research</i> , 2015, 166, 70-79.   | 5.0 | 15        |
| 23 | Feasibility, accuracy and safety of a percutaneous fineâ€™needle biopsy technique to obtain qualitative muscle samples of the lumbar multifidus and erector spinae muscle in persons with low back pain. <i>Journal of Anatomy</i> , 2018, 233, 542-551. | 1.5 | 15        |
| 24 | Muscle carnosine in experimental autoimmune encephalomyelitis and multiple sclerosis. <i>Multiple Sclerosis and Related Disorders</i> , 2018, 21, 24-29.   | 2.0 | 13        |
| 25 | The lumbar multifidus is characterised by larger type I muscle fibres compared to the erector spinae. <i>Anatomy and Cell Biology</i> , 2020, 53, 143-150.   | 1.0 | 13        |
| 26 | Radial glial cells derived from the neonatal rat spinal cord: morphological and immunocytochemical characterization. <i>Archives of Histology and Cytology</i> , 2005, 68, 361-369.  | 0.2 | 12        |
| 27 | Disability, kinesiophobia, perceived stress, and pain are not associated with trunk muscle strength or aerobic capacity in chronic nonspecific low back pain. <i>Physical Therapy in Sport</i> , 2020, 43, 77-83.  | 1.9 | 12        |
| 28 | Immunohistochemical evidence for proteolipid protein and nestin expression in the late bell stage of developing rodent teeth. <i>Archives of Oral Biology</i> , 2005, 50, 171-174.   | 1.8 | 11        |
| 29 | A simple method for obtaining functionally and morphologically intact primary cultures of the medullary thick ascending limb of Henle's loop (MTAL) from rabbit kidneys. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 643-651.     | 2.8 | 10        |
| 30 | In Vitro Loading of Human Synovial Membrane with 5-Hydroxydopamine. Evidence for Dense Core Secretory Granules in Type B Cells.. <i>Archives of Histology and Cytology</i> , 2001, 64, 1-16.   | 0.2 | 5         |
| 31 | High Intensity Training Increases Muscle Area Occupied by Type II Muscle Fibers of the Multifidus Muscle in Persons with Non-Specific Chronic Low Back Pain: A Pilot Trial. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 3306.                      | 2.5 | 5         |
| 32 | Ultrastructure of transplanted mesenchymal stem cells after acute myocardial infarction. <i>Heart</i> , 2004, 90, 1046-1046.   | 2.9 | 4         |
| 33 | Certainty-Based Marking on Multiple-Choice Items: Psychometrics Meets Decision Theory. <i>Psychometrika</i> , 2021, 86, 518-543.   | 2.1 | 3         |
| 34 | Chondroid metaplasia of paraspinal connective tissue in the degenerative spine. <i>Anatomy and Cell Biology</i> , 2019, 52, 204.   | 1.0 | 2         |
| 35 | A simple method for obtaining functionally and morphologically intact primary cultures of the medullary thick ascending limb of Henle's loop (MTAL) from rabbit kidneys. <i>Pflugers Archiv European Journal of Physiology</i> , 2000, 440, 643.         | 2.8 | 1         |
| 36 | Late Breaking Abstract - Carnosine and related compounds in m. vastus lateralis of COPD patients: preliminary results. , 2018, , .   |     | 0         |