Frank Vandenabeele

List of Publications by Year
in descending order

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	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. Applied Sciences (Switzerland), 2021, 11, 3306.	2.5	5
2	Certainty-Based Marking on Multiple-Choice Items: Psychometrics Meets Decision Theory. Psychometrika, 2021, 86, 518-543.	2.1	3
3	Biopsy samples from the erector spinae of persons with nonspecific chronic low back pain display a decrease in glycolytic muscle fibers. Spine Journal, 2020, 20, 199-206.	1.3	20
4	Impact of Exerciseâ€“Nutritional State Interactions in Patients with Type 2 Diabetes. Medicine and Science in Sports and Exercise, 2020, 52, 720-728.	0.4	17
5	High Intensity Training to Treat Chronic Nonspecific Low Back Pain: Effectiveness of Various Exercise Modes. Journal of Clinical Medicine, 2020, 9, 2401.	2.4	22
6	Disability, kinesiophobia, perceived stress, and pain are not associated with trunk muscle strength or aerobic capacity in chronic nonspecific low back pain. Physical Therapy in Sport, 2020, 43, 77-83.	1.9	12
7	Unilateral changes of the multifidus in persons with lumbar disc herniation: a systematic review and meta-analysis. Spine Journal, 2020, 20, 1573-1585.	1.3	23
8	The lumbar multifidus is characterised by larger type I muscle fibres compared to the erector spinae. Anatomy and Cell Biology, 2020, 53, 143-150.	1.0	13
9	Reliability and agreement of isometric functional trunk and isolated lumbar strength assessment in healthy persons and persons with chronic nonspecific low back pain. Physical Therapy in Sport, 2019, 38, 1-7.	1.9	18
10	General practitionersâ€™ predictions of their own patientsâ€™ health literacy: a cross-sectional study in Belgium. BMJ Open, 2019, 9, e029357.	1.9	20
11	Exercise Intensity Matters in Chronic Nonspecific Low Back Pain Rehabilitation. Medicine and Science in Sports and Exercise, 2019, 51, 2434-2442.	0.4	38
12	High risk of tunnel convergence during combined anterior cruciate ligament and anterolateral ligament reconstruction. Knee Surgery, Sports Traumatology, Arthroscopy, 2019, 27, 611-617.	4.2	29
13	Chondroid metaplasia of paraspinal connective tissue in the degenerative spine. Anatomy and Cell Biology, 2019, 52, 204.	1.0	2
14	Muscle carnosine in experimental autoimmune encephalomyelitis and multiple sclerosis. Multiple Sclerosis and Related Disorders, 2018, 21, 24-29.	2.0	13
15	Feasibility of high intensity training in nonspecific chronic low back pain: A clinical trial. Journal of Back and Musculoskeletal Rehabilitation, 2018, 31, 657-666.	1.1	18
16	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. Journal of Anatomy, 2018, 233, 542-551.	1.5	15
17	Late Breaking Abstract - Carnosine and related compounds in m. vastus lateralis of COPD patients: preliminary results. , 2018, , .		0
18	High Intensity Aerobic and Resistance Exercise Can Improve Glucose Tolerance in Persons With Multiple Sclerosis. American Journal of Physical Medicine and Rehabilitation, 2017, 96, 161-166.	1.4	27

#	Article	IF	Citations
19	High Intensity Exercise in Multiple Sclerosis: Effects on Muscle Contractile Characteristics and Exercise Capacity, a Randomised Controlled Trial. PLoS ONE, 2015, 10, e0133697.	2.5	71
20	Altered signaling for mitochondrial and myofibrillar biogenesis in skeletal muscles of patients with multiple sclerosis. Translational Research, 2015, 166, 70-79.	5.0	15
21	Multiple Sclerosis Affects Skeletal Muscle Characteristics. PLoS ONE, 2014, 9, e108158.	2.5	78
22	Alphaâ€smooth muscle actin (Î±â€SMA) and nestin expression in reactive astrocytes in multiple sclerosis lesions: potential regulatory role of transforming growth factorâ€beta 1 (TGFâ€Î²1). Neuropathology and Applied Neurobiology, 2008, 34, 532-546.	3.2	47
23	A primary culture of mouse proximal tubular cells, established on collagen-coated membranes. American Journal of Physiology - Renal Physiology, 2007, 293, F476-F485.	2.7	138
24	Characterization of mature rat oligodendrocytes: a proteomic approach. Journal of Neurochemistry, 2007, 102, 562-576.	3.9	17
25	Leukemia inhibitory factor is produced by myelin-reactive T cells from multiple sclerosis patients and protects against tumor necrosis factor-Î±-induced oligodendrocyte apoptosis. Journal of Neuroscience Research, 2006, 83, 763-774.	2.9	58
26	Radial glial cells derived from the neonatal rat spinal cord: morphological and immunocytochemical characterization. Archives of Histology and Cytology, 2005, 68, 361-369.	0.2	12
27	Immunohistochemical evidence for proteolipid protein and nestin expression in the late bell stage of developing rodent teeth. Archives of Oral Biology, 2005, 50, 171-174.	1.8	11
28	Ultrastructure of transplanted mesenchymal stem cells after acute myocardial infarction. Heart, 2004, 90, 1046-1046.	2.9	4
29	Cytokineâ€induced cell death in human oligodendroglial cell lines: I. Synergistic effects of IFNâ€Î³ and TNFâ€Î± on apoptosis. Journal of Neuroscience Research, 2004, 76, 834-845.	2.9	118
30	Characterization of three human oligodendroglial cell lines as a model to study oligodendrocyte injury: Morphology and oligodendrocyte-specific gene expression. Journal of Neurocytology, 2003, 32, 25-38.	1.5	110
31	Skeletal muscle repair by adult human mesenchymal stem cells from synovial membrane. Journal of Cell Biology, 2003, 160, 909-918.	5.2	602
32	Morphological and immunocytochemical characterization of cultured fibroblast-like cells derived from adult human synovial membrane. Archives of Histology and Cytology, 2003, 66, 145-153.	0.2	60
33	In Vitro Loading of Human Synovial Membrane with 5-Hydroxydopamine. Evidence for Dense Core Secretory Granules in Type B Cells.. Archives of Histology and Cytology, 2001, 64, 1-16.	0.2	5
34	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. Pflugers Archiv European Journal of Physiology, 2000, 440, 643-651.	2.8	10
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. Pflugers Archiv European Journal of Physiology, 2000, 440, 643.	2.8	1
36	Encapsulated Ruffini-like endings in human lumbar facet joints. Journal of Anatomy, 1997, 191, 571-583.	1.5	22