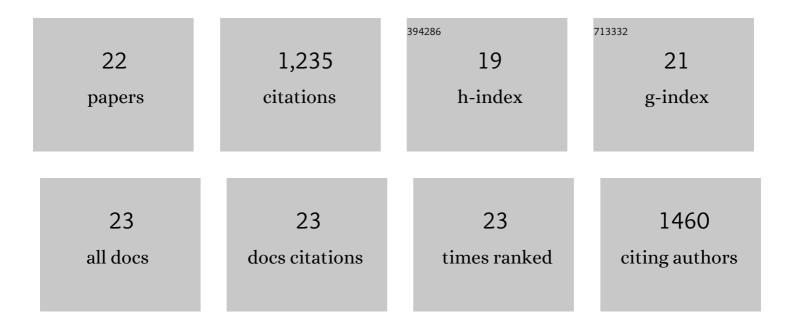
## Omar S Mian

List of Publications by Year in descending order

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ΟΜΑΡ S ΜΙΑΝ

#	Article	lF	CITATIONS
1	Metabolic cost, mechanical work, and efficiency during walking in young and older men. Acta Physiologica, 2006, 186, 127-139.	1.8	281
2	Muscle strength, volume and activation following 12-month resistance training in 70-year-old males. European Journal of Applied Physiology, 2005, 95, 197-204.	1.2	95
3	Neuromuscular and balance responses to flywheel inertial versus weight training in older persons. Journal of Biomechanics, 2008, 41, 3133-3138.	0.9	85
4	Kinematics of stair descent in young and older adults and the impact of exercise training. Gait and Posture, 2007, 25, 9-17.	0.6	78
5	Gastrocnemius muscle?tendon behaviour during walking in young and older adults. Acta Physiologica, 2007, 189, 57-65.	1.8	78
6	The Impact of Physical Training on Locomotor Function in Older People. Sports Medicine, 2007, 37, 683-701.	3.1	67
7	Effect of a 12-month physical conditioning programme on the metabolic cost of walking in healthy older adults. European Journal of Applied Physiology, 2007, 100, 499-505.	1.2	56
8	Lack of otolith involvement in balance responses evoked by mastoid electrical stimulation. Journal of Physiology, 2010, 588, 4441-4451.	1.3	56
9	On the Vertigo Due to Static Magnetic Fields. PLoS ONE, 2013, 8, e78748.	1.1	51
10	Centre of mass motion during stair negotiation in young and older men. Gait and Posture, 2007, 26, 463-469.	0.6	50
11	Gastrocnemius specific force is increased in elderly males following a 12-month physical training programme. European Journal of Applied Physiology, 2007, 100, 563-570.	1.2	49
12	The mathematical description of the body centre of mass 3D path in human and animal locomotion. Journal of Biomechanics, 2011, 44, 1471-1477.	0.9	47
13	Magnetic field effects on the vestibular system: calculation of the pressure on the cupula due to ionic current-induced Lorentz force. Physics in Medicine and Biology, 2012, 57, 4477-4487.	1.6	46
14	Determining the direction of vestibularâ€evoked balance responses using stochastic vestibular stimulation. Journal of Physiology, 2009, 587, 2869-2873.	1.3	32
15	Violation of the Craniocentricity Principle for Vestibularly Evoked Balance Responses under Conditions of Anisotropic Stability. Journal of Neuroscience, 2014, 34, 7696-7703.	1.7	30
16	Gait in SWEDDs patients: Comparison with Parkinson's disease patients and healthy controls. Movement Disorders, 2011, 26, 1266-1273.	2.2	28
17	A dynamic model of the eye nystagmus response to high magnetic fields. Physics in Medicine and Biology, 2014, 59, 631-645.	1.6	26
18	Non-linear vector summation of left and right vestibular signals for human balance. Journal of Physiology, 2010, 588, 671-682.	1.3	25

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#	Article	IF	CITATIONS
19	Neuromechanical interference of posture on movement: evidence from Alexander technique teachers rising from a chair. Journal of Neurophysiology, 2014, 112, 719-729.	0.9	25
20	Effect of head pitch and roll orientations on magnetically induced vertigo. Journal of Physiology, 2016, 594, 1051-1067.	1.3	15
21	Reconciling Magnetically Induced Vertigo and Nystagmus. Frontiers in Neurology, 2015, 6, 201.	1.1	14
22	Response to the letter of Tibor HortobÃigyi and colleagues. Journal of Biomechanics, 2009, 42, 957.	0.9	0