Amber L Pond

List of Publications by Year
in descending order

26 papers	1,428 citations	687363 13 h-index	552781 26 g-index
27 all docs	27 docs citations	27 times ranked	1684 citing authors

#	Article	IF	Citations
1	Atrial L-Type Ca ²⁺ Currents and Human Atrial Fibrillation. Circulation Research, 1999, 85, 428-436.	4.5	525
2	Expression of Distinct ERG Proteins in Rat, Mouse, and Human Heart. Journal of Biological Chemistry, 2000, 275, 5997-6006.	3.4	152
3	Home-Based Functional Electrical Stimulation Rescues Permanently Denervated Muscles in Paraplegic Patients With Complete Lower Motor Neuron Lesion. Neurorehabilitation and Neural Repair, 2010, 24, 709-721.	2.9	151
4	Long-Term High-Level Exercise Promotes Muscle Reinnervation With Age. Journal of Neuropathology and Experimental Neurology, 2014, 73, 284-294.	1.7	136
5	Biology of muscle atrophy and of its recovery by FES in aging and mobility impairments: roots and by-products. European Journal of Translational Myology, 2015, 25, 221.	1.7	57
6	Persistent muscle fiber regeneration in long term denervation. Past, present, future. European Journal of Translational Myology, 2015, 25, 77.	1.7	57
7	Recovery from muscle weakness by exercise and FES: lessons from Masters, active or sedentary seniors and SCI patients. Aging Clinical and Experimental Research, 2017, 29, 579-590.	2.9	54
8	Atrophy, ultra-structural disorders, severe atrophy and degeneration of denervated human muscle in SCI and Aging. Implications for their recovery by Functional Electrical Stimulation, updated 2017. Neurological Research, 2017, 39, 660-666.	1.3	53
9	Acrolein-mediated neuronal cell death and alpha-synuclein aggregation: Implications for Parkinson's disease. Molecular and Cellular Neurosciences, 2018, 88, 70-82.	2.2	35
10	Mergla K + channel induces skeletal muscle atrophy by activating the ubiquitin proteasome pathway. FASEB Journal, 2006, 20, 1531-1533.	0.5	34
11	In complete SCI patients, long-term functional electrical stimulation of permanent denervated muscles increases epidermis thickness. Neurological Research, 2018, 40, 277-282.	1.3	29
12	Optimization of ectopic gene expression in skeletal muscle through DNA transfer by electroporation. BMC Biotechnology, 2004, 4, 11.	3.3	26
13	To Reverse Atrophy of Human Muscles in Complete SCI Lower Motor Neuron Denervation by Home-Based Functional Electrical Stimulation. Advances in Experimental Medicine and Biology, 2018, 1088, 585-591.	1.6	16
14	The ERG1a potassium channel increases basal intracellular calcium concentration and calpain activity in skeletal muscle cells. Skeletal Muscle, 2020, 10, 1.	4.2	14
15	Two-years of home based functional electrical stimulation recovers epidermis from atrophy and flattening after years of complete Conus-Cauda Syndrome. Medicine (United States), 2019, 98, e18509.	1.0	13
16	History, mechanisms and clinical value of fibrillation analyses in muscle denervation and reinnervation by Single Fiber Electromyography and Dynamic Echomyography. European Journal of Translational Myology, 2014, 24, 3297.	1.7	13
17	Reinnervation of Vastus lateralis is increased significantly in seniors (70-years old) with a lifelong history of high-level exercise (2013, revisited here in 2022). European Journal of Translational Myology, 2022, 32, .	1.7	13
18	The mERG1a channel modulates skeletal muscle MuRF1, but not MAFbx, expression. Muscle and Nerve, 2014, 49, 378-388.	2.2	11

#	Article	IF	Citations
19	The Ubr2 Gene is Expressed in Skeletal Muscle Atrophying as a Result of Hind Limb Suspension, but not Merg1a Expression Alone. European Journal of Translational Myology, 2014, 24, 3319.	1.7	11
20	IFN-Î³ and CIITA modulate IL-6 expression in skeletal muscle. Cytokine: X, 2020, 2, 100023.	1.4	7
21	MERG1A Protein Abundance Increases in the Atrophied Skeletal Muscle of Denervated Mice, But Does Not Affect NFÎºB Activity. Journal of Neuropathology and Experimental Neurology, 2021, 80, 776-788.	1.7	6
22	Reinnervation of Vastus lateralis is increased significantly in seniors (70-years old) with a lifelong history of high-level exercise. European Journal of Translational Myology, 2013, 23, .	1.7	5
23	Muscle and skin improve by home-based FES and full-body in-bed gym. Biology, Engineering and Medicine, 2018, 3, .	0.1	3
24	Ether-a-go-go related gene-1a potassium channel abundance varies within specific skeletal muscle fiber type. European Journal of Translational Myology, 2019, 29, 8402.	1.7	3
25	The ERG1A K+ Channel Is More Abundant in Rectus abdominis Muscle from Cancer Patients Than that from Healthy Humans. Diagnostics, 2021, 11, 1879.	2.6	3
26	Statistical analysis of master world records: Surprisingly minor gender differences of aging performance decay. Physiotherapy Research and Reports, 2019, 2, .	0.1	1