

Stephanie Duguez

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

1,911
citations

279487

23
h-index

288905

40
g-index

52
all docs

52
docs citations

52
times ranked

3239
citing authors

#	ARTICLE	IF	CITATIONS
1	Molecular adaptations of neuromuscular disease-associated proteins in response to eccentric exercise in human skeletal muscle. <i>Journal of Physiology</i> , 2002, 543, 297-306.	1.3	180
2	Mitochondrial biogenesis during skeletal muscle regeneration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E802-E809.	1.8	148
3	Bodywide skipping of exons 45-55 in dystrophic mdx52 mice by systemic antisense delivery. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 13763-13768.	3.3	139
4	Calpain 3: a key regulator of the sarcomere?. <i>FEBS Journal</i> , 2006, 273, 3427-3436.	2.2	115
5	Advances in the proteomic investigation of the cell secretome. <i>Expert Review of Proteomics</i> , 2012, 9, 337-345.	1.3	109
6	Muscular dystrophy in the mdx mouse is a severe myopathy compounded by hypotrophy, hypertrophy and hyperplasia. <i>Skeletal Muscle</i> , 2015, 5, 16.	1.9	105
7	Age-Associated Methylation Suppresses SPRY1, Leading to a Failure of Re-quiescence and Loss of the Reserve Stem Cell Pool in Elderly Muscle. <i>Cell Reports</i> , 2015, 13, 1172-1182.	2.9	95
8	Age-dependent alteration in muscle regeneration: the critical role of tissue niche. <i>Biogerontology</i> , 2013, 14, 273-292.	2.0	92
9	Molecular and Cellular Mechanisms Affected in ALS. <i>Journal of Personalized Medicine</i> , 2020, 10, 101.	1.1	79
10	Survival motor neuron protein deficiency impairs myotube formation by altering myogenic gene expression and focal adhesion dynamics. <i>Human Molecular Genetics</i> , 2014, 23, 4745-4757.	1.4	66
11	Myogenic and nonmyogenic cells differentially express proteinases, Hsc/Hsp70, and BAG-1 during skeletal muscle regeneration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 285, E206-E215.	1.8	58
12	Skeletal muscle characteristics are preserved in hTERT/cdk4 human myogenic cell lines. <i>Skeletal Muscle</i> , 2016, 6, 43.	1.9	57
13	Dystrophin deficiency leads to disturbance of LAMP1-vesicle-associated protein secretion. <i>Cellular and Molecular Life Sciences</i> , 2013, 70, 2159-2174.	2.4	55
14	A Systematic Review of Suggested Molecular Strata, Biomarkers and Their Tissue Sources in ALS. <i>Frontiers in Neurology</i> , 2019, 10, 400.	1.1	54
15	Correction of the Exon 2 Duplication in DMD Myoblasts by a Single CRISPR/Cas9 System. <i>Molecular Therapy - Nucleic Acids</i> , 2017, 7, 11-19.	2.3	44
16	Expression and modification proteomics during skeletal muscle ageing. <i>Biogerontology</i> , 2013, 14, 339-352.	2.0	43
17	A new pathway encompassing calpain 3 and its newly identified substrate cardiac ankyrin repeat protein is involved in the regulation of the nuclear factor- κ B pathway in skeletal muscle. <i>FEBS Journal</i> , 2010, 277, 4322-4337.	2.2	37
18	A Systematic Review of Genotype-Phenotype Correlation across Cohorts Having Causal Mutations of Different Genes in ALS. <i>Journal of Personalized Medicine</i> , 2020, 10, 58.	1.1	36

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19	Mitochondrial-dependent regulation of myoblast proliferation. <i>Experimental Cell Research</i> , 2004, 299, 27-35.	1.2	34
20	Regulation of ubiquitin-proteasome system, caspase enzyme activities, and extracellular proteinases in rat soleus muscle in response to unloading. <i>Pflugers Archiv European Journal of Physiology</i> , 2007, 454, 625-633.	1.3	33
21	Correlation between low <i>FAT1</i> expression and early affected muscle in facioscapulohumeral muscular dystrophy. <i>Annals of Neurology</i> , 2015, 78, 387-400.	2.8	32
22	Optimized method for extraction of exosomes from human primary muscle cells. <i>Skeletal Muscle</i> , 2020, 10, 20.	1.9	31
23	11β-Hydroxylation of Glucocorticoids Dissociates Nuclear Factor-κB Inhibitory Efficacy from Glucocorticoid Response Element-Associated Side Effects. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2012, 343, 225-232.	1.3	27
24	The Rag2 ^Δ MDM2 ^Δ Mouse: a Novel Dystrophic and Immunodeficient Model to Assess Innovating Therapeutic Strategies for Muscular Dystrophies. <i>Molecular Therapy</i> , 2013, 21, 1950-1957.	3.7	23
25	CellWhere: graphical display of interaction networks organized on subcellular localizations. <i>Nucleic Acids Research</i> , 2015, 43, W571-W575.	6.5	23
26	<i>GGPS1</i> Mutations Cause Muscular Dystrophy/Hearing Loss/Ovarian Insufficiency Syndrome. <i>Annals of Neurology</i> , 2020, 88, 332-347.	2.8	22
27	Exosomes in Ageing and Motor Neurone Disease: Biogenesis, Uptake Mechanisms, Modifications in Disease and Uses in the Development of Biomarkers and Therapeutics. <i>Cells</i> , 2021, 10, 2930.	1.8	21
28	Gene therapy with AR isoform 2 rescues spinal and bulbar muscular atrophy phenotype by modulating AR transcriptional activity. <i>Science Advances</i> , 2021, 7, .	4.7	20
29	Changes in Communication between Muscle Stem Cells and their Environment with Aging. <i>Journal of Neuromuscular Diseases</i> , 2015, 2, 205-217.	1.1	19
30	Muscle cells of sporadic amyotrophic lateral sclerosis patients secrete neurotoxic vesicles. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1385-1402.	2.9	16
31	The isolated muscle fibre as a model of disuse atrophy: Characterization using PhAct, a method to quantify f-actin. <i>Experimental Cell Research</i> , 2011, 317, 1979-1993.	1.2	15
32	Atmospheric Oxygen Tension Slows Myoblast Proliferation via Mitochondrial Activation. <i>PLoS ONE</i> , 2012, 7, e43853.	1.1	14
33	What Can Machine Learning Approaches in Genomics Tell Us about the Molecular Basis of Amyotrophic Lateral Sclerosis?. <i>Journal of Personalized Medicine</i> , 2020, 10, 247.	1.1	14
34	Personalized Medicine and Molecular Interaction Networks in Amyotrophic Lateral Sclerosis (ALS): Current Knowledge. <i>Journal of Personalized Medicine</i> , 2018, 8, 44.	1.1	13
35	Muscle Gene Sets: a versatile methodological aid to functional genomics in the neuromuscular field. <i>Skeletal Muscle</i> , 2019, 9, 10.	1.9	8
36	Necrotizing Soft Tissue Infection <i>Staphylococcus aureus</i> but not <i>S. pyogenes</i> Isolates Display High Rates of Internalization and Cytotoxicity Toward Human Myoblasts. <i>Journal of Infectious Diseases</i> , 2019, 220, 710-719.	1.9	8

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37	MyoMiner: explore gene co-expression in normal and pathological muscle. BMC Medical Genomics, 2020, 13, 67.	0.7	7
38	Epidemiology and Survival Trends of Motor Neurone Disease in Northern Ireland from 2015 to 2019. European Journal of Neurology, 2021, , .	1.7	6
39	The Neurotoxicity of Vesicles Secreted by ALS Patient Myotubes Is Specific to Exosome-Like and Not Larger Subtypes. Cells, 2022, 11, 845.	1.8	6
40	Skeletal Muscle Sings a Choral Stem Cell Lullaby. Cell Stem Cell, 2009, 5, 231-232.	5.2	3
41	Secretion of toxic exosomes by muscle cells of ALS patients: role in ALS pathogenesis. Neuromuscular Disorders, 2017, 27, S32.	0.3	1
42	Correlation between low FAT1 expression and early affected muscle in FSHD. Neuromuscular Disorders, 2015, 25, S312.	0.3	0
43	SysMyo: tailored bioinformatics tools for omics data exploration in muscular dystrophy and other neuromuscular disorders. Neuromuscular Disorders, 2017, 27, S8.	0.3	0
44	Correction of the exon 2 duplication in DMD myoblasts by a single CRISPR/Cas9 system. Neuromuscular Disorders, 2017, 27, S187.	0.3	0
45	NEW INSIGHTS INTO CELLULAR FUNCTIONS. Neuromuscular Disorders, 2018, 28, S89.	0.3	0
46	Understanding Neuromuscular Health and Disease: Advances in Genetics, Omics, and Molecular Function. Journal of Personalized Medicine, 2021, 11, 438.	1.1	0
47	Optimized Molecular Interaction Networks for the Study of Skeletal Muscle. Journal of Neuromuscular Diseases, 2021, 8, 1-17.	1.1	0
48	Isolated Murine Myofibres Undergo Atrophy Ex Vivo Via Diminution of the Myonuclear Domain. FASEB Journal, 2011, 25, 1051.20.	0.2	0