# Stephanie Duguez

List of Publications by Year
in descending order



| 48 | 1,911 | 279487 | 288905 |
|---|---|---|---|
| papers | citations | 23 h-index | 40 g-index |

| 52 | 52 | 52 | 3239 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Muscle cells of sporadic amyotrophic lateral sclerosis patients secrete neurotoxic vesicles. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1385-1402. | 2.9 | 16 |
| 2 | 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 |
| 3 | Understanding Neuromuscular Health and Disease: Advances in Genetics, Omics, and Molecular Function. Journal of Personalized Medicine, 2021, 11, 438. | 1.1 | 0 |
| 4 | Optimized Molecular Interaction Networks for the Study of Skeletal Muscle. Journal of Neuromuscular Diseases, 2021, 8, 1-17. | 1.1 | 0 |
| 5 | Gene therapy with AR isoform 2 rescues spinal and bulbar muscular atrophy phenotype by modulating AR transcriptional activity. Science Advances, 2021, 7, . | 4.7 | 20 |
| 6 | Exosomes in Ageing and Motor Neurone Disease: Biogenesis, Uptake Mechanisms, Modifications in Disease and Uses in the Development of Biomarkers and Therapeutics. Cells, 2021, 10, 2930. | 1.8 | 21 |
| 7 | Epidemiology and Survival Trends of Motor Neurone Disease in Northern Ireland from 2015â€2019. European Journal of Neurology, 2021, , . | 1.7 | 6 |
| 8 | What Can Machine Learning Approaches in Genomics Tell Us about the Molecular Basis of Amyotrophic Lateral Sclerosis?. Journal of Personalized Medicine, 2020, 10, 247. | 1.1 | 14 |
| 9 | Molecular and Cellular Mechanisms Affected in ALS. Journal of Personalized Medicine, 2020, 10, 101. | 1.1 | 79 |
| 10 | MyoMiner: explore gene co-expression in normal and pathological muscle. BMC Medical Genomics, 2020, 13, 67. | 0.7 | 7 |
| 11 | <scp>GGPS1</scp> Mutations Cause Muscular Dystrophy/Hearing Loss/Ovarian Insufficiency Syndrome. Annals of Neurology, 2020, 88, 332-347. | 2.8 | 22 |
| 12 | Optimized method for extraction of exosomes from human primary muscle cells. Skeletal Muscle, 2020, 10, 20. | 1.9 | 31 |
| 13 | A Systematic Review of Genotypeâ€“Phenotype Correlation across Cohorts Having Causal Mutations of Different Genes in ALS. Journal of Personalized Medicine, 2020, 10, 58. | 1.1 | 36 |
| 14 | A Systematic Review of Suggested Molecular Strata, Biomarkers and Their Tissue Sources in ALS. Frontiers in Neurology, 2019, 10, 400. | 1.1 | 54 |
| 15 | Muscle Gene Sets: a versatile methodological aid to functional genomics in the neuromuscular field. Skeletal Muscle, 2019, 9, 10. | 1.9 | 8 |
| 16 | Necrotizing Soft Tissue Infection Staphylococcus aureus but not S. pyogenes Isolates Display High Rates of Internalization and Cytotoxicity Toward Human Myoblasts. Journal of Infectious Diseases, 2019, 220, 710-719. | 1.9 | 8 |
| 17 | Personalized Medicine and Molecular Interaction Networks in Amyotrophic Lateral Sclerosis (ALS): Current Knowledge. Journal of Personalized Medicine, 2018, 8, 44. | 1.1 | 13 |
| 18 | NEW INSIGHTS INTO CELLULAR FUNCTIONS. Neuromuscular Disorders, 2018, 28, S89. | 0.3 | 0 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Correction of the Exon 2 Duplication in DMD Myoblasts by a Single CRISPR/Cas9 System. Molecular Therapy - Nucleic Acids, 2017, 7, 11-19. | 2.3 | 44 |
| 20 | SysMyo: tailored bioinformatics tools for omics data exploration in muscular dystrophy and other neuromuscular disorders. Neuromuscular Disorders, 2017, 27, S8. | 0.3 | 0 |
| 21 | Correction of the exon 2 duplication in DMD myoblasts by a single CRISPR/Cas9 system. Neuromuscular Disorders, 2017, 27, S187. | 0.3 | 0 |
| 22 | Secretion of toxic exosomes by muscle cells of ALS patients: role in ALS pathogenesis. Neuromuscular Disorders, 2017, 27, S32. | 0.3 | 1 |
| 23 | Skeletal muscle characteristics are preserved in hTERT/cdk4 human myogenic cell lines. Skeletal Muscle, 2016, 6, 43. | 1.9 | 57 |
| 24 | Correlation between low FAT1 expression and early affected muscle in FSHD. Neuromuscular Disorders, 2015, 25, S312. | 0.3 | 0 |
| 25 | Changes in Communication between Muscle Stem Cells and their Environment with Aging. Journal of Neuromuscular Diseases, 2015, 2, 205-217. | 1.1 | 19 |
| 26 | Correlation between low <scp>FAT</scp>1 expression and early affected muscle in facioscapulohumeral muscular dystrophy. Annals of Neurology, 2015, 78, 387-400. | 2.8 | 32 |
| 27 | Muscular dystrophy in the mdx mouse is a severe myopathy compounded by hypotrophy, hypertrophy and hyperplasia. Skeletal Muscle, 2015, 5, 16. | 1.9 | 105 |
| 28 | CellWhere: graphical display of interaction networks organized on subcellular localizations. Nucleic Acids Research, 2015, 43, W571-W575. | 6.5 | 23 |
| 29 | Age-Associated Methylation Suppresses SPRY1 , Leading to a Failure of Re-quiescence and Loss of the Reserve Stem Cell Pool in Elderly Muscle. Cell Reports, 2015, 13, 1172-1182. | 2.9 | 95 |
| 30 | Survival motor neuron protein deficiency impairs myotube formation by altering myogenic gene expression and focal adhesion dynamics. Human Molecular Genetics, 2014, 23, 4745-4757. | 1.4 | 66 |
| 31 | Dystrophin deficiency leads to disturbance of LAMP1-vesicle-associated protein secretion. Cellular and Molecular Life Sciences, 2013, 70, 2159-2174. | 2.4 | 55 |
| 32 | Age-dependent alteration in muscle regeneration: the critical role of tissue niche. Biogerontology, 2013, 14, 273-292. | 2.0 | 92 |
| 33 | Expression and modification proteomics during skeletal muscle ageing. Biogerontology, 2013, 14, 339-352. | 2.0 | 43 |
| 34 | The Rag2â€“Il2rbâ€“Dmdâ€“ Mouse: a Novel Dystrophic and Immunodeficient Model to Assess Innovating Therapeutic Strategies for Muscular Dystrophies. Molecular Therapy, 2013, 21, 1950-1957. | 3.7 | 23 |
| 35 | Bodywide skipping of exons 45â€“55 in dystrophic mdx52 mice by systemic antisense delivery. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 13763-13768. | 3.3 | 139 |
| 36 | Î”-9,11 Modification of Glucocorticoids Dissociates Nuclear Factor-ÎºB Inhibitory Efficacy from Glucocorticoid Response Element-Associated Side Effects. Journal of Pharmacology and Experimental Therapeutics, 2012, 343, 225-232. | 1.3 | 27 |

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|---|---|---|---|
| 37 | Advances in the proteomic investigation of the cell secretome. Expert Review of Proteomics, 2012, 9, 337-345. | 1.3 | 109 |
| 38 | Atmospheric Oxygen Tension Slows Myoblast Proliferation via Mitochondrial Activation. PLoS ONE, 2012, 7, e43853. | 1.1 | 14 |
| 39 | The isolated muscle fibre as a model of disuse atrophy: Characterization using PhAct, a method to quantify f-actin. Experimental Cell Research, 2011, 317, 1979-1993. | 1.2 | 15 |
| 40 | Isolated Murine Myofibres Undergo Atrophy Ex Vivo Via Diminution of the Myonuclear Domain. FASEB Journal, 2011, 25, 1051.20. | 0.2 | 0 |
| 41 | A new pathway encompassing calpain 3 and its newly identified substrate cardiac ankyrin repeat protein is involved in the regulation of the nuclear factorâ€ºB pathway in skeletal muscle. FEBS Journal, 2010, 277, 4322-4337. | 2.2 | 37 |
| 42 | Skeletal Muscle Sings a Choral Stem Cell Lullaby. Cell Stem Cell, 2009, 5, 231-232. | 5.2 | 3 |
| 43 | Regulation of ubiquitinâ€“proteasome system, caspase enzyme activities, and extracellular proteinases in rat soleus muscle in response to unloading. Pflugers Archiv European Journal of Physiology, 2007, 454, 625-633. | 1.3 | 33 |
| 44 | Calpain 3: a key regulator of the sarcomere?. FEBS Journal, 2006, 273, 3427-3436. | 2.2 | 115 |
| 45 | Mitochondrial-dependent regulation of myoblast proliferation. Experimental Cell Research, 2004, 299, 27-35. | 1.2 | 34 |
| 46 | Myogenic and nonmyogenic cells differentially express proteinases, Hsc/Hsp70, and BAG-1 during skeletal muscle regeneration. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E206-E215. | 1.8 | 58 |
| 47 | Mitochondrial biogenesis during skeletal muscle regeneration. American Journal of Physiology - Endocrinology and Metabolism, 2002, 282, E802-E809. | 1.8 | 148 |
| 48 | Molecular adaptations of neuromuscular diseaseâ€associated proteins in response to eccentric exercise in human skeletal muscle. Journal of Physiology, 2002, 543, 297-306. | 1.3 | 180 |