Sandra Murphy

List of Publications by Year
in descending order

32 papers	765 citations	471509 17 h-index	526287 27 g-index
34 all docs	34 docs citations	34 times ranked	703 citing authors

#	Article	IF	Citations
1	The Dystrophin Node as Integrator of Cytoskeletal Organization, Lateral Force Transmission, Fiber Stability and Cellular Signaling in Skeletal Muscle. Proteomes, 2021, 9, 9.	3.5	27
2	Delayed induction of type I and III interferons mediates nasal epithelial cell permissiveness to SARS-CoV-2. Nature Communications, 2021, 12, 7092.	12.8	65
3	Histopathology of Duchenne muscular dystrophy in correlation with changes in proteomic biomarkers. Histology and Histopathology, 2021, , 18403.	0.7	14
4	c-Rel orchestrates energy-dependent epithelial and macrophage reprogramming in fibrosis. Nature Metabolism, 2020, 2, 1350-1367.	11.9	16
5	Proteomic identification of elevated saliva kallikrein levels in the mdx-4cv mouse model of Duchenne muscular dystrophy. Biochemistry and Biophysics Reports, 2019, 18, 100541.	1.3	10
6	Emerging proteomic biomarkers of X-linked muscular dystrophy. Expert Review of Molecular Diagnostics, 2019, 19, 739-755.	3.1	24
7	Proteomic profiling of giant skeletal muscle proteins. Expert Review of Proteomics, 2019, 16, 241-256.	3.0	13
8	Proteomic profiling of the mouse diaphragm and refined mass spectrometric analysis of the dystrophic phenotype. Journal of Muscle Research and Cell Motility, 2019, 40, 9-28.	2.0	32
9	Proteomic analysis of the sarcolemma-enriched fraction from dystrophic mdx-4cv skeletal muscle. Journal of Proteomics, 2019, 191, 212-227.	2.4	37
10	Comparative gelâ€based proteomic analysis of chemically crosslinked complexes in dystrophic skeletal muscle. Electrophoresis, 2018, 39, 1735-1744.	2.4	16
11	Proteomic serum biomarkers for neuromuscular diseases. Expert Review of Proteomics, 2018, 15, 277-291.	3.0	32
12	Proteomic profiling of large myofibrillar proteins from dried and long-term stored polyacrylamide gels. Analytical Biochemistry, 2018, 543, 8-11.	2.4	17
13	Proteomic Profiling of the Dystrophin-Deficient Brain. Methods in Molecular Biology, 2018, 1687, 91-105.	0.9	3
14	Subcellular Fractionation for DIGE-Based Proteomics. Methods in Molecular Biology, 2018, 1664, 233-243.	0.9	0
15	DIGE Analysis of ProteoMinerTM Fractionated Serum/Plasma Samples. Methods in Molecular Biology, 2018, 1664, 109-114.	0.9	6
16	Protein Digestion for DIGE Analysis. Methods in Molecular Biology, 2018, 1664, 223-232.	0.9	3
17	Dataset on the comparative proteomic profiling of mouse saliva and serum from wild type versus the dystrophic mdx-4cv mouse model of dystrophinopathy. Data in Brief, 2018, 21, 1236-1245.	1.0	7
18	Utilization of dried and long-term stored polyacrylamide gels for the advanced proteomic profiling of mitochondrial contact sites from rat liver. Biology Methods and Protocols, 2018, 3, bpy008.	2.2	6

#	Article	IF	Citations
19	Proteomic profiling of liver tissue from the mdx-4cv mouse model of Duchenne muscular dystrophy. Clinical Proteomics, 2018, 15, 34.	2.1	24
20	Subproteomic profiling of sarcolemma from dystrophic mdx-4cv skeletal muscle. Data in Brief, 2018, 17, 980-993.	1.0	6
21	Chemical crosslinking analysis of Î²-dystroglycan in dystrophin-deficient skeletal muscle. HRB Open Research, 2018, 1, 17.	0.6	6
22	Proteomic profiling of mdx-4cv serum reveals highly elevated levels of the inflammation-induced plasma marker haptoglobin in muscular dystrophy. International Journal of Molecular Medicine, 2017, 39, 1357-1370.	4.0	34
23	Proteomic profiling of the dystrophin complex and membrane fraction from dystrophic mdx muscle reveals decreases in the cytolinker desmoglein and increases in the extracellular matrix stabilizers biglycan and fibronectin. Journal of Muscle Research and Cell Motility, 2017, 38, 251-268.	2.0	34
24	Mass spectrometric identification of dystrophin, the protein product of the Duchenne muscular dystrophy gene, in distinct muscle surface membranes. International Journal of Molecular Medicine, 2017, 40, 1078-1088.	4.0	14
25	Comparative Skeletal Muscle Proteomics Using Two-Dimensional Gel Electrophoresis. Proteomes, 2016, 4, 27.	3.5	35
26	Proteomic profiling of muscle fibre type shifting in neuromuscular diseases. Expert Review of Proteomics, 2016, 13, 783-799.	3.0	43
27	The biochemical and mass spectrometric profiling of the dystrophin complexome from skeletal muscle. Computational and Structural Biotechnology Journal, 2016, 14, 20-27.	4.1	61
28	Proteomic analysis of dystrophin deficiency and associated changes in the aged mdx-4cv heart model of dystrophinopathy-related cardiomyopathy. Journal of Proteomics, 2016, 145, 24-36.	2.4	46
29	Pathoproteomic profiling of the skeletal muscle matrisome in dystrophinopathy associated myofibrosis. Proteomics, 2016, 16, 345-366.	2.2	40
30	Label-free mass spectrometric analysis reveals complex changes in the brain proteome from the mdx-4cv mouse model of Duchenne muscular dystrophy. Clinical Proteomics, 2015, 12, 27.	2.1	27
31	Concurrent Label-Free Mass Spectrometric Analysis of Dystrophin Isoform Dp427 and the Myofibrosis Marker Collagen in Crude Extracts from mdx-4cv Skeletal Muscles. Proteomes, 2015, 3, 298-327.	3.5	29
32	Simultaneous Pathoproteomic Evaluation of the Dystrophin-Glycoprotein Complex and Secondary Changes in the mdx-4cv Mouse Model of Duchenne Muscular Dystrophy. Biology, 2015, 4, 397-423.	2.8	37