

Sandra Murphy

List of Publications by Year in descending order

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Version: 2024-02-01

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	Delayed induction of type I and III interferons mediates nasal epithelial cell permissiveness to SARS-CoV-2. <i>Nature Communications</i> , 2021, 12, 7092.	12.8	65
2	The biochemical and mass spectrometric profiling of the dystrophin complexome from skeletal muscle. <i>Computational and Structural Biotechnology Journal</i> , 2016, 14, 20-27.	4.1	61
3	Proteomic analysis of dystrophin deficiency and associated changes in the aged mdx-4cv heart model of dystrophinopathy-related cardiomyopathy. <i>Journal of Proteomics</i> , 2016, 145, 24-36.	2.4	46
4	Proteomic profiling of muscle fibre type shifting in neuromuscular diseases. <i>Expert Review of Proteomics</i> , 2016, 13, 783-799.	3.0	43
5	Pathoproteomic profiling of the skeletal muscle matrisome in dystrophinopathy associated myofibrosis. <i>Proteomics</i> , 2016, 16, 345-366.	2.2	40
6	Simultaneous Pathoproteomic Evaluation of the Dystrophin-Glycoprotein Complex and Secondary Changes in the mdx-4cv Mouse Model of Duchenne Muscular Dystrophy. <i>Biology</i> , 2015, 4, 397-423.	2.8	37
7	Proteomic analysis of the sarcolemma-enriched fraction from dystrophic mdx-4cv skeletal muscle. <i>Journal of Proteomics</i> , 2019, 191, 212-227.	2.4	37
8	Comparative Skeletal Muscle Proteomics Using Two-Dimensional Gel Electrophoresis. <i>Proteomes</i> , 2016, 4, 27.	3.5	35
9	Proteomic profiling of mdx-4cv serum reveals highly elevated levels of the inflammation-induced plasma marker haptoglobin in muscular dystrophy. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1357-1370.	4.0	34
10	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. <i>Journal of Muscle Research and Cell Motility</i> , 2017, 38, 251-268.	2.0	34
11	Proteomic serum biomarkers for neuromuscular diseases. <i>Expert Review of Proteomics</i> , 2018, 15, 277-291.	3.0	32
12	Proteomic profiling of the mouse diaphragm and refined mass spectrometric analysis of the dystrophic phenotype. <i>Journal of Muscle Research and Cell Motility</i> , 2019, 40, 9-28.	2.0	32
13	Concurrent Label-Free Mass Spectrometric Analysis of Dystrophin Isoform Dp427 and the Myofibrosis Marker Collagen in Crude Extracts from mdx-4cv Skeletal Muscles. <i>Proteomes</i> , 2015, 3, 298-327.	3.5	29
14	Label-free mass spectrometric analysis reveals complex changes in the brain proteome from the mdx-4cv mouse model of Duchenne muscular dystrophy. <i>Clinical Proteomics</i> , 2015, 12, 27.	2.1	27
15	The Dystrophin Node as Integrator of Cytoskeletal Organization, Lateral Force Transmission, Fiber Stability and Cellular Signaling in Skeletal Muscle. <i>Proteomes</i> , 2021, 9, 9.	3.5	27
16	Proteomic profiling of liver tissue from the mdx-4cv mouse model of Duchenne muscular dystrophy. <i>Clinical Proteomics</i> , 2018, 15, 34.	2.1	24
17	Emerging proteomic biomarkers of X-linked muscular dystrophy. <i>Expert Review of Molecular Diagnostics</i> , 2019, 19, 739-755.	3.1	24
18	Proteomic profiling of large myofibrillar proteins from dried and long-term stored polyacrylamide gels. <i>Analytical Biochemistry</i> , 2018, 543, 8-11.	2.4	17

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19	Comparative gelâ€based proteomic analysis of chemically crosslinked complexes in dystrophic skeletal muscle. <i>Electrophoresis</i> , 2018, 39, 1735-1744.	2.4	16
20	c-Rel orchestrates energy-dependent epithelial and macrophage reprogramming in fibrosis. <i>Nature Metabolism</i> , 2020, 2, 1350-1367.	11.9	16
21	Mass spectrometric identification of dystrophin, the protein product of the Duchenne muscular dystrophy gene, in distinct muscle surface membranes. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1078-1088.	4.0	14
22	Histopathology of Duchenne muscular dystrophy in correlation with changes in proteomic biomarkers. <i>Histology and Histopathology</i> , 2021, , 18403.	0.7	14
23	Proteomic profiling of giant skeletal muscle proteins. <i>Expert Review of Proteomics</i> , 2019, 16, 241-256.	3.0	13
24	Proteomic identification of elevated saliva kallikrein levels in the mdx-4cv mouse model of Duchenne muscular dystrophy. <i>Biochemistry and Biophysics Reports</i> , 2019, 18, 100541.	1.3	10
25	Dataset on the comparative proteomic profiling of mouse saliva and serum from wild type versus the dystrophic mdx-4cv mouse model of dystrophinopathy. <i>Data in Brief</i> , 2018, 21, 1236-1245.	1.0	7
26	DIGE Analysis of ProteoMiner TM Fractionated Serum/Plasma Samples. <i>Methods in Molecular Biology</i> , 2018, 1664, 109-114.	0.9	6
27	Utilization of dried and long-term stored polyacrylamide gels for the advanced proteomic profiling of mitochondrial contact sites from rat liver. <i>Biology Methods and Protocols</i> , 2018, 3, bpy008.	2.2	6
28	Subproteomic profiling of sarcolemma from dystrophic mdx-4cv skeletal muscle. <i>Data in Brief</i> , 2018, 17, 980-993.	1.0	6
29	Chemical crosslinking analysis of β -dystroglycan in dystrophin-deficient skeletal muscle. <i>HRB Open Research</i> , 2018, 1, 17.	0.6	6
30	Proteomic Profiling of the Dystrophin-Deficient Brain. <i>Methods in Molecular Biology</i> , 2018, 1687, 91-105.	0.9	3
31	Protein Digestion for DIGE Analysis. <i>Methods in Molecular Biology</i> , 2018, 1664, 223-232.	0.9	3
32	Subcellular Fractionation for DIGE-Based Proteomics. <i>Methods in Molecular Biology</i> , 2018, 1664, 233-243.	0.9	0