

Jens Fielitz

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

3,589
citations

172457

29
h-index

175258

52
g-index

52
all docs

52
docs citations

52
times ranked

5380
citing authors

#	ARTICLE	IF	CITATIONS
1	Histone deacetylases 1 and 2 redundantly regulate cardiac morphogenesis, growth, and contractility. <i>Genes and Development</i> , 2007, 21, 1790-1802.	5.9	619
2	Short-Chain Fatty Acid Propionate Protects From Hypertensive Cardiovascular Damage. <i>Circulation</i> , 2019, 139, 1407-1421.	1.6	452
3	Requirement of protein kinase D1 for pathological cardiac remodeling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 3059-3063.	7.1	216
4	Myosin accumulation and striated muscle myopathy result from the loss of muscle RING finger 1 and 3. <i>Journal of Clinical Investigation</i> , 2007, 117, 2486-2495.	8.2	211
5	Activation of the cardiac renin-angiotensin system and increased myocardial collagen expression in human aortic valve disease. <i>Journal of the American College of Cardiology</i> , 2001, 37, 1443-1449.	2.8	149
6	Upregulation of Myocardial Estrogen Receptors in Human Aortic Stenosis. <i>Circulation</i> , 2004, 110, 3270-3275.	1.6	116
7	Dynamics of myosin degradation in intensive care unit-acquired weakness during severe critical illness. <i>Intensive Care Medicine</i> , 2014, 40, 528-538.	8.2	108
8	Protein Kinase D1 Stimulates MEF2 Activity in Skeletal Muscle and Enhances Muscle Performance. <i>Molecular and Cellular Biology</i> , 2008, 28, 3600-3609.	2.3	100
9	Critical Illness Myopathy and GLUT4. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 387-396.	5.6	97
10	A small molecular activator of cardiac hypertrophy uncovered in a chemical screen for modifiers of the calcineurin signaling pathway. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 2870-2875.	7.1	90
11	Loss of muscle-specific RING-finger 3 predisposes the heart to cardiac rupture after myocardial infarction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 4377-4382.	7.1	90
12	Angiotensin II Induces Skeletal Muscle Atrophy by Activating TFEB-Mediated <i>MuRF1</i> Expression. <i>Circulation Research</i> , 2015, 117, 424-436.	4.5	76
13	Inflammation-Induced Acute Phase Response in Skeletal Muscle and Critical Illness Myopathy. <i>PLoS ONE</i> , 2014, 9, e92048.	2.5	70
14	Insulin Regulates Astrocytic Glucose Handling Through Cooperation With IGF-I. <i>Diabetes</i> , 2017, 66, 64-74.	0.6	68
15	Regulation of matrix metalloproteinases and their inhibitors in the left ventricular myocardium of patients with aortic stenosis. <i>Journal of Molecular Medicine</i> , 2004, 82, 809-820.	3.9	67
16	Early type II fiber atrophy in intensive care unit patients with nonexcitable muscle membrane. <i>Critical Care Medicine</i> , 2012, 40, 647-650.	0.9	67
17	Inhibition of the NLRP3/IL-1 β axis protects against sepsis-induced cardiomyopathy. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 1653-1668.	7.3	65
18	Neutral Endopeptidase Is Activated in Cardiomyocytes in Human Aortic Valve Stenosis and Heart Failure. <i>Circulation</i> , 2002, 105, 286-289.	1.6	60

#	ARTICLE	IF	CITATIONS
19	Deletion of Nlrp3 protects from inflammation-induced skeletal muscle atrophy. Intensive Care Medicine Experimental, 2017, 5, 3.	1.9	60
20	Sepsis induces interleukin 6, gp130/JAK2/STAT3, and muscle wasting. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 713-727.	7.3	59
21	Stabilization of hypoxia inducible factor rather than modulation of collagen metabolism improves cardiac function after acute myocardial infarction in rats. European Journal of Heart Failure, 2006, 8, 347-354.	7.1	58
22	Muscle wasting and function after muscle activation and early protocol-based physiotherapy: an explorative trial. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 734-747.	7.3	57
23	Myocyte Enhancer Factor 2 and Class II Histone Deacetylases Control a Gender-Specific Pathway of Cardioprotection Mediated by the Estrogen Receptor. Circulation Research, 2010, 106, 155-165.	4.5	54
24	Mechanisms of blood pressure variability-induced cardiac hypertrophy and dysfunction in mice with impaired baroreflex. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2005, 288, R767-R776.	1.8	52
25	Serum amyloid A1 mediates myotube atrophy via Toll-like receptors. Journal of Cachexia, Sarcopenia and Muscle, 2020, 11, 103-119.	7.3	40
26	Muscle RING-finger 2 and 3 maintain striated-muscle structure and function. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 165-180.	7.3	39
27	Skeletal Muscle 11beta-HSD1 Controls Glucocorticoid-Induced Proteolysis and Expression of E3 Ubiquitin Ligases Atrogin-1 and MuRF-1. PLoS ONE, 2011, 6, e16674.	2.5	39
28	Out of Control: The Role of the Ubiquitin Proteasome System in Skeletal Muscle during Inflammation. Biomolecules, 2021, 11, 1327.	4.0	37
29	Modulation of Titin-Based Stiffness in Hypertrophic Cardiomyopathy via Protein Kinase D. Frontiers in Physiology, 2020, 11, 240.	2.8	31
30	Induction of Ankrd1 in Dilated Cardiomyopathy Correlates with the Heart Failure Progression. BioMed Research International, 2015, 2015, 1-9.	1.9	30
31	The E3 ubiquitin ligase TRIM62 and inflammation-induced skeletal muscle atrophy. Critical Care, 2014, 18, 545.	5.8	29
32	Cardiac PPAR α expression in patients with dilated cardiomyopathy. European Journal of Heart Failure, 2006, 8, 290-294.	7.1	28
33	Skeletal muscle derived Musclin protects the heart during pathological overload. Nature Communications, 2022, 13, 149.	12.8	27
34	Up-regulation of PPAR β in myocardial infarction. European Journal of Heart Failure, 2008, 10, 30-38.	7.1	25
35	Secreted Frizzled-Related Protein 2 and Inflammation-Induced Skeletal Muscle Atrophy. Critical Care Medicine, 2017, 45, e169-e183.	0.9	23
36	Critical illness polyneuropathy in ICU patients is related to reduced motor nerve excitability caused by reduced sodium permeability. Intensive Care Medicine Experimental, 2016, 4, 10.	1.9	21

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37	Excitotoxic inactivation of constitutive oxidative stress detoxification pathway in neurons can be rescued by PKD1. <i>Nature Communications</i> , 2017, 8, 2275.	12.8	21
38	Deletion of Protein Kinase D1 in Pancreatic Î²-Cells Impairs Insulin Secretion in High-Fat Dietâ€‘Fed Mice. <i>Diabetes</i> , 2018, 67, 71-77.	0.6	18
39	DCAF8, a novel MuRF1 interaction partner, promotes muscle atrophy. <i>Journal of Cell Science</i> , 2019, 132, .	2.0	17
40	Stimulation of soluble guanylyl cyclase (sGC) by riociguat attenuates heart failure and pathological cardiac remodelling. <i>British Journal of Pharmacology</i> , 2022, 179, 2430-2442.	5.4	15
41	Inhibition of prolyl 4-hydroxylase prevents left ventricular remodelling in rats with thoracic aortic banding. <i>European Journal of Heart Failure</i> , 2007, 9, 336-342.	7.1	14
42	Cancer cachexiaâ€‘when proteasomal inhibition is not enough. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 239-245.	7.3	14
43	Muscle Mass and Inflammation in Older Adults: Impact of the Metabolic Syndrome. <i>Gerontology</i> , 2022, 68, 989-998.	2.8	14
44	HDAC4 mutations cause diabetes and induce Î²â€‘cell FoxO1 nuclear exclusion. <i>Molecular Genetics & Genomic Medicine</i> , 2019, 7, e602.	1.2	11
45	Activation of Tripartite Motif Containing 63 Expression by Transcription Factor EB and Transcription Factor Binding to Immunoglobulin Heavy Chain Enhancer 3 Is Regulated by Protein Kinase D and Class IIa Histone Deacetylases. <i>Frontiers in Physiology</i> , 2020, 11, 550506.	2.8	8
46	Angiotensin-(1-7) Receptor Mas in Hemodynamic and Thermoregulatory Dysfunction After High-Level Spinal Cord Injury in Mice: A Pilot Study. <i>Frontiers in Physiology</i> , 2018, 9, 1930.	2.8	6
47	Ninjurin1 regulates striated muscle growth and differentiation. <i>PLoS ONE</i> , 2019, 14, e0216987.	2.5	6
48	Hidden Agenda - The Involvement of Endoplasmic Reticulum Stress and Unfolded Protein Response in Inflammation-Induced Muscle Wasting. <i>Frontiers in Immunology</i> , 2022, 13, .	4.8	5
49	Sugars make the difference â€‘ Glycosylation of cardiodepressant antibodies regulates their activity in dilated cardiomyopathy. <i>International Journal of Cardiology</i> , 2019, 292, 156-159.	1.7	4
50	The Transcription Factor EB (TFEB) Sensitizes the Heart to Chronic Pressure Overload. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5943.	4.1	4
51	Physical Performance and Non-Esterified Fatty Acids in Men and Women after Transcatheter Aortic Valve Implantation (TAVI). <i>Nutrients</i> , 2022, 14, 203.	4.1	1