

Jonathan S Fisher

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/81482/publications.pdf>

Version: 2024-02-01

56
papers

1,451
citations

361045

20
h-index

329751

37
g-index

56
all docs

56
docs citations

56
times ranked

2011
citing authors

#	ARTICLE	IF	CITATIONS
1	Photoglobin, a distinct family of non-heme binding globins, defines a potential photosensor in prokaryotic signal transduction systems. <i>Computational and Structural Biotechnology Journal</i> , 2022, 20, 261-273.	1.9	4
2	Intramyofibrillar glycogen drives endurance exercise capacity. <i>Journal of Physiology</i> , 2020, 598, 4145-4146.	1.3	0
3	Reversible Oxidative Modifications in Myoglobin and Functional Implications. <i>Antioxidants</i> , 2020, 9, 549.	2.2	12
4	A peroxidase mimetic protects skeletal muscle cells from peroxide challenge and stimulates insulin signaling. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 318, C1214-C1225.	2.1	2
5	Regulation of Myogenic Activity by Substrate and Electrical Stimulation In Vitro. <i>BioResearch Open Access</i> , 2019, 8, 129-138.	2.6	6
6	Myoglobin as a versatile peroxidase: Implications for a more important role for vertebrate striated muscle in antioxidant defense. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2019, 234, 9-17.	0.7	18
7	Glucose-dependent trans-plasma membrane electron transport and p70S6k phosphorylation in skeletal muscle cells. <i>Redox Biology</i> , 2019, 27, 101075.	3.9	11
8	A Metalloporphyrin that Serves as a Peroxidase and Stimulates Insulin Signaling in Skeletal Muscle. <i>FASEB Journal</i> , 2019, 33, 543.8.	0.2	0
9	Measuring Trans-Plasma Membrane Electron Transport by C2C12 Myotubes. <i>Journal of Visualized Experiments</i> , 2018, , .	0.2	1
10	Ascorbate Rescues Peroxide Induced Insulin Resistance in Skeletal Muscle. <i>FASEB Journal</i> , 2018, 32, .	0.2	0
11	Trans-Plasma Membrane Electron Transport and Ascorbate Efflux by Skeletal Muscle. <i>Antioxidants</i> , 2017, 6, 89.	2.2	11
12	A role for ataxia telangiectasia mutated in insulin-independent stimulation of glucose transport. <i>Trends in Cell & Molecular Biology</i> , 2017, 12, 49-56.	0.5	0
13	Chloroquine increases phosphorylation of AMPK and Akt in myotubes. <i>Heliyon</i> , 2016, 2, e00083.	1.4	10
14	Postprandial Plasma Incretin Hormones in Exercise-Trained versus Untrained Subjects. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 1098-1103.	0.2	15
15	Role of GLUT1 in regulation of reactive oxygen species. <i>Redox Biology</i> , 2014, 2, 764-771.	3.9	45
16	Ataxia telangiectasia mutated impacts insulin-like growth factor 1 signalling in skeletal muscle. <i>Experimental Physiology</i> , 2013, 98, 526-535.	0.9	17
17	Impaired insulin-stimulated glucose transport in ATM-deficient mouse skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013, 38, 589-596.	0.9	11
18	ATM and GLUT1-S490 Phosphorylation Regulate GLUT1 Mediated Transport in Skeletal Muscle. <i>PLoS ONE</i> , 2013, 8, e66027.	1.1	33

#	ARTICLE	IF	CITATIONS
19	Ataxia telangiectasia mutated (ATM) influences AICAR-stimulated glucose transport. <i>FASEB Journal</i> , 2012, 26, 1078.24.	0.2	1
20	Ataxia telangiectasia mutated influences cytochrome c oxidase activity. <i>Biochemical and Biophysical Research Communications</i> , 2011, 405, 599-603.	1.0	33
21	Role of ataxia telangiectasia mutated in insulin signalling of muscle-derived cell lines and mouse soleus. <i>Acta Physiologica</i> , 2010, 198, 465-475.	1.8	12
22	A role for AMPK in increased insulin action after serum starvation. <i>American Journal of Physiology - Cell Physiology</i> , 2010, 299, C1171-C1179.	2.1	45
23	ATM plays a role in insulin-stimulated phosphorylation of AS160 independent of Akt in mouse soleus muscle. <i>FASEB Journal</i> , 2010, 24, 1046.18.	0.2	0
24	Decreased aconitase and cytochrome c oxidase activity in skeletal muscle of ATM-deficient mice. <i>FASEB Journal</i> , 2010, 24, 1001.12.	0.2	0
25	The ATM activator chloroquine stimulates phosphorylation of AMP activated protein kinase (AMPK) and acetyl CoA-carboxylase (ACC) independent of ATM. <i>FASEB Journal</i> , 2010, 24, 1b674.	0.2	1
26	LiCl causes an acute decrease in ataxia telangiectasia mutated (ATM) protein levels in L6 myotubes. <i>FASEB Journal</i> , 2010, 24, 1b675.	0.2	0
27	Ataxia telangiectasia mutated (ATM) is required in insulin-like growth factor-1 (IGF-1) signaling through the PI3K/Akt pathway. <i>FASEB Journal</i> , 2009, 23, 782.3.	0.2	1
28	Inhibition of ataxia telangiectasia mutated (ATM) prevents the prolonged increase in phosphorylation of Akt substrate of 160 kDa (AS160) subsequent to activation of the AMP-activated protein kinase (AMPK). <i>FASEB Journal</i> , 2009, 23, 782.2.	0.2	0
29	Chloroquine and resveratrol stimulate ATM-independent phosphorylation of AMPK and AKT. <i>FASEB Journal</i> , 2009, 23, 782.4.	0.2	0
30	Skeletal Muscle Insulin Resistance: Roles of Fatty Acid Metabolism and Exercise. <i>Physical Therapy</i> , 2008, 88, 1279-1296.	1.1	146
31	Serum starvation increases phosphorylation of the AMP-activated protein kinase (AMPK) in myotubes. <i>FASEB Journal</i> , 2008, 22, 959.1.	0.2	2
32	Chloroquine stimulates phosphorylation of the AMP-activated protein kinase (AMPK) and Akt. <i>FASEB Journal</i> , 2008, 22, 959.2.	0.2	0
33	Potential of insulin-stimulated glucose transport by the AMP-activated protein kinase. <i>American Journal of Physiology - Cell Physiology</i> , 2007, 292, C564-C572.	2.1	41
34	Malonyl coenzyme A affects insulin-stimulated glucose transport in myotubes. <i>Archives of Physiology and Biochemistry</i> , 2007, 113, 13-24.	1.0	7
35	Potential Role of the AMP-activated Protein Kinase in Regulation of Insulin Action. <i>Cellscience</i> , 2006, 2, 68-81.	0.3	16
36	Type I Diabetes Affects Skeletal Muscle Glutamine Uptake in a Fiber-Specific Manner. <i>Experimental Biology and Medicine</i> , 2005, 230, 606-611.	1.1	8

#	ARTICLE	IF	CITATIONS
37	Possibility of Autocrine \hat{I}^2 -Adrenergic Signaling in C2C12 Myotubes. <i>Experimental Biology and Medicine</i> , 2005, 230, 845-852.	1.1	10
38	AICAR and hyperosmotic stress increase insulin-stimulated glucose transport. <i>Journal of Applied Physiology</i> , 2005, 99, 877-883.	1.2	37
39	Muscle contractions, AICAR, and insulin cause phosphorylation of an AMPK-related kinase. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E986-E992.	1.8	24
40	Creatine feeding increases GLUT4 expression in rat skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 288, E347-E352.	1.8	48
41	Levodopa with carbidopa diminishes glycogen concentration, glycogen synthase activity, and insulin-stimulated glucose transport in rat skeletal muscle. <i>Journal of Applied Physiology</i> , 2004, 97, 2339-2346.	1.2	18
42	Activation of AMP kinase enhances sensitivity of muscle glucose transport to insulin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E18-E23.	1.8	244
43	Glucose transport rate and glycogen synthase activity both limit skeletal muscle glycogen accumulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E1214-E1221.	1.8	66
44	Gonadectomy and reduced physical activity: Effects on skeletal muscle. <i>Archives of Physical Medicine and Rehabilitation</i> , 2001, 82, 93-97.	0.5	24
45	Acute exercise effect on postabsorptive serum leptin. <i>Journal of Applied Physiology</i> , 2001, 91, 680-686.	1.2	48
46	The HIV Protease Inhibitor Indinavir Decreases Insulin- and Contraction-Stimulated Glucose Transport in Skeletal Muscle. <i>Diabetes</i> , 2001, 50, 1397-1401.	0.3	98
47	Food restriction suppresses muscle growth and augments osteopenia in ovariectomized rats. <i>Journal of Applied Physiology</i> , 2000, 88, 265-271.	1.2	32
48	Effects of 10 Days of Endurance Exercise Training on the Suppression of Whole Body and Regional Lipolysis by Insulin. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 1498-1504.	1.8	16
49	Stiffness and muscle function with age and reduced muscle use. <i>Journal of Orthopaedic Research</i> , 1999, 17, 409-414.	1.2	41
50	Leptin Response to Insulin in Humans Is Related to the Lipolytic State of Abdominal Subcutaneous Fat. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3726-3731.	1.8	10
51	Suppression of Whole Body and Regional Lipolysis by Insulin: Effects of Obesity and Exercise. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999, 84, 3886-3895.	1.8	32
52	Stiffness and Muscle Function with Age and Reduced Muscle Use. <i>Journal of Bone and Joint Surgery - Series A</i> , 1999, 81, 84.	1.4	2
53	Immobilization effects on contractile properties of aging rat skeletal muscle. <i>Aging Clinical and Experimental Research</i> , 1998, 10, 59-66.	1.4	4
54	Effects of ovariectomy and hindlimb unloading on skeletal muscle. <i>Journal of Applied Physiology</i> , 1998, 85, 1316-1321.	1.2	48

#	ARTICLE	IF	CITATIONS
55	Muscle glycogen accumulation after endurance exercise in trained and untrained individuals. Journal of Applied Physiology, 1997, 83, 897-903.	1.2	81
56	Role of nitric oxide in skeletal muscle blood flow at rest and during dynamic exercise in humans. American Journal of Physiology - Heart and Circulatory Physiology, 1997, 273, H405-H410.	1.5	59