Lawrence M Schwartz

List of Publications by Year
in descending order

66 papers	4,188 citations	172457 29 h-index	118850 62 g-index
69 all docs	69 docs citations	69 times ranked	3110 citing authors

#	Article	IF	Citations
1	Cross Talk opposing view: Myonuclei do not undergo apoptosis during skeletal muscle atrophy. Journal of Physiology, 2022, 600, 2081-2084.	2.9	8
2	Autophagic Cell Death During Development â€“ Ancient and Mysterious. Frontiers in Cell and Developmental Biology, 2021, 9, 656370.	3.7	33
3	Somatic piRNAs and Transposons are Differentially Expressed Coincident with Skeletal Muscle Atrophy and Programmed Cell Death. Frontiers in Genetics, 2021, 12, 775369.	2.3	5
4	Acheron/Larp6 Is a Survival Protein That Protects Skeletal Muscle From Programmed Cell Death During Development. Frontiers in Cell and Developmental Biology, 2020, 8, 622.	3.7	9
5	High-resolution analysis of differential gene expression during skeletal muscle atrophy and programmed cell death. Physiological Genomics, 2020, 52, 492-511.	2.3	8
6	A Heparin Binding Motif Rich in Arginine and Lysine is the Functional Domain of YKL-40. Neoplasia, 2018, 20, 182-192.	5.3	20
7	Type 2 diabetes impairs the ability of skeletal muscle pericytes to augment postischemic neovascularization in db/db mice. American Journal of Physiology - Cell Physiology, 2018, 314, C534-C544.	4.6	18
8	Skeletal Muscles Do Not Undergo Apoptosis During Either Atrophy or Programmed Cell Death-Revisiting the Myonuclear Domain Hypothesis. Frontiers in Physiology, 2018, 9, 1887.	2.8	52
9	The myonuclear domain is not maintained in skeletal muscle during either atrophy or programmed cell death. American Journal of Physiology - Cell Physiology, 2016, 311, C607-C615.	4.6	20
10	Multifaceted biological insights from a draft genome sequence of the tobacco hornworm moth, Manduca sexta. Insect Biochemistry and Molecular Biology, 2016, 76, 118-147.	2.7	154
11	The immune signaling pathways of Manduca sexta. Insect Biochemistry and Molecular Biology, 2015, 62, 64-74.	2.7	79
12	Vascular heterogeneity and targeting: the role of YKL-40 in glioblastoma vascularization. Oncotarget, 2015, 6, 40507-40518.	1.8	56
13	Acute skeletal muscle injury induces temporal changes in NFâ€κB activation and MCPâ€1 secretion in C2C12 myotube cultures. FASEB Journal, 2013, 27, 942.6.	0.5	0
14	Programmed Cell Death in Insects. , 2012, , 419-449.		5
15	The novel lupus antigen related protein acheron enhances the development of human breast cancer. International Journal of Cancer, 2012, 130, 544-554.	5.1	23
16	Acheron, a Lupus antigen family member, regulates integrin expression, adhesion, and motility in differentiating myoblasts. American Journal of Physiology - Cell Physiology, 2010, 298, C46-C55.	4.6	16
17	Differential control of cell death and gene expression during two distinct phases of hormonally-regulated muscle death in the tobacco hawkmoth Manduca sexta. Journal of Insect Physiology, 2009, 55, 314-320.	2.0	2
18	Cell Death in Myoblasts and Muscles. Methods in Molecular Biology, 2009, 559, 313-332.	0.9	13

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19	Acheron, an novel LA antigen family member, binds to cask and forms a complex with id transcription factors. Cellular and Molecular Biology Letters, 2009, 14, 273-87.	7.0	20
20	Regulation of muscle differentiation and survival by Acheron. Mechanisms of Development, 2009, 126, 700-709.	1.7	19
21	Acheron, a novel member of the Lupus Antigen family, is induced during the programmed cell death of skeletal muscles in the moth Manduca sexta. Gene, 2007, 393, 101-109.	2.2	34
22	Differential roles of HIC-5 isoforms in the regulation of cell death and myotube formation during myogenesis. Experimental Cell Research, 2007, 313, 4000-4014.	2.6	12
23	Identification and analysis of Hic-5/ARA55 isoforms: Implications for integrin signaling and steroid hormone action. FEBS Letters, 2005, 579, 5651-5657.	2.8	10
24	Changes in contractile properties of skeletal muscle during developmentally programmed atrophy and death. American Journal of Physiology - Cell Physiology, 2002, 282, C1270-C1277.	4.6	20
25	Drosophila sickle Is a Novel grim-reaper Cell Death Activator. Current Biology, 2002, 12, 131-135.	3.9	112
26	Drosophila Morgue is an F box/ubiquitin conjugase domain protein important for grim-reaper mediated apoptosis. Nature Cell Biology, 2002, 4, 451-456.	10.3	121
27	Chapter 18 Model cell lines for the study of apoptosis in vitro. Methods in Cell Biology, 2001, 66, 417-436.	1.1	26
28	The RHG motifs of Drosophila Reaper and Grim are important for their distinct cell death-inducing abilities. Mechanisms of Development, 2001, 102, 193-203.	1.7	55
29	Post-transcriptional regulation of gene expression during the programmed death of insect skeletal muscle. Development Genes and Evolution, 2001, 211, 397-405.	0.9	11
30	NOT ALL MUSCLES MEET THE SAME FATE WHEN THEY DIE. Cell Biology International, 2001, 25, 539-545.	3.0	16
31	Cloning and analysis of small cytoplasmic leucine-rich repeat protein (SCLP), a novel, phylogenetically-conserved protein that is dramatically up-regulated during the programmed death of moth skeletal muscle. , 1999, 41, 482-494.		25
32	Distinct cell killing properties of the Drosophila reaper, head involution defective, and grim genes. Cell Death and Differentiation, 1998, 5, 930-939.	11.2	94
33	Increased Production of Amyloid Precursor Protein Provides a Substrate for Caspase-3 in Dying Motoneurons. Journal of Neuroscience, 1998, 18, 5869-5880.	3.6	128
34	Generation of a Moveable Poly(A)+ Cassette. BioTechniques, 1997, 23, 86-88.	1.8	1
35	Identification of a phylogenetically conserved Sug1 CAD family member that is differentially expressed in the mouse nervous system. Journal of Neurobiology, 1997, 33, 877-890.	3.6	12
36	A Member of the Phylogenetically Conserved CAD Family of Transcriptional Regulators Is Dramatically Up-Regulated during the Programmed Cell Death of Skeletal Muscle in the Tobacco HawkmothManduca sexta. Developmental Biology, 1996, 173, 499-509.	2.0	29

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37	Cold thoughts of death: the role of ICE proteases in neuronal cell death. Trends in Neurosciences, 1996, 19, 555-562.	8.6	121
38	Allelic variation of the polyubiquitin gene in the tobacco hawkmoth, Manduca sexta, and its regulation by heat shock and programmed cell death. Insect Biochemistry and Molecular Biology, 1996, 26, 1037-1046.	2.7	14
39	Imaginal cell-specific accumulation of the multicatalytic proteinase complex (proteasome) during post-embryonic development in the tobacco hornworm,Manduca sexta. , 1996, 365, 329-341.		13
40	Genes that regulate apoptosis in the mouse thymus. , 1996, 60, 18-22.		6
41	Chapter 6 Transient Transfection Assays to Examine the Requirement of Putative Cell Death Genes. Methods in Cell Biology, 1995, 46, 99-106.	1.1	2
42	Chapter 7 Cloning Cell Death Genes. Methods in Cell Biology, 1995, 46, 107-138.	1.1	5
43	Programmed cell death in the Drosophila central nervous system midline. Current Biology, 1995, 5, 784-790.	3.9	89
44	Cell death suffers a TKO. BioEssays, 1995, 17, 557-559.	2.5	5
45	Ubiquitin in homeostasis, development and disease. BioEssays, 1995, 17, 677-684.	2.5	45
46	Apolipophorin III is dramatically up-regulated during the programmed death of insect skeletal muscle and neurons. Journal of Neurobiology, 1995, 26, 119-129.	3.6	62
47	Coordinated Induction of the Ubiquitin Conjugation Pathway Accompanies the Developmentally Programmed Death of Insect Skeletal Muscle. Journal of Biological Chemistry, 1995, 270, 9407-9412.	3.4	111
48	Changes in the Structure and Function of the Multicatalytic Proteinase (Proteasome) during Programmed Cell Death in the Intersegmental Muscles of the Hawkmoth, Manduca sexta. Developmental Biology, 1995, 169, 436-447.	2.0	88
49	Ced-3/ICE: Evolutionarily conserved regulation of cell death. BioEssays, 1994, 16, 387-389.	2.5	15
50	Essential genes that regulate apoptosis. Trends in Cell Biology, 1994, 4, 394-399.	7.9	89
51	Identification of Genes Induced during Apoptosis in T Lymphocytes. Immunological Reviews, 1994, 142, 301-320.	6.0	67
52	Apoptotic signals delivered through the T-cell receptor of a T-cell hybrid require the immediateâ€“early gene nur77. Nature, 1994, 367, 281-284.	27.8	547
53	Programmed cell death, apoptosis and killer genes. Trends in Immunology, 1993, 14, 582-590.	7.5	388
54	Selective Repression of Actin and Myosin Heavy Chain Expression during the Programmed Death of Insect Skeletal Muscle. Developmental Biology, 1993, 158, 448-455.	2.0	41

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55	Neuronal death, a tradition of dying. Journal of Neurobiology, 1992, 23, 1111-1115.	3.6	38
56	Insect muscle as a model for programmed cell death. Journal of Neurobiology, 1992, 23, 1312-1326.	3.6	80
57	The role of cell death genes during development. BioEssays, 1991, 13, 389-395.	2.5	84
58	Characterization of a ubiquitin-fusion gene from the tobacco hawkmoth,Manduca sexta. Nucleic Acids Research, 1990, 18, 6039-6043.	14.5	22
59	Activation of polyubiquitin gene expression during developmentally programmed cell death. Neuron, 1990, 5, 411-419.	8.1	204
60	Endocrine regulation of terminal muscle differentiation. Insect Biochemistry, 1986, 16, 203-209.	1.8	5
61	ENDOCRINE REGULATION OF TERMINAL MUSCLE DIFFERENTIATION. , 1986, , 203-209.		0
62	Dihydropyridine receptors in muscle are voltage-dependent but most are not functional calcium channels. Nature, 1985, 314, 747-751.	27.8	265
63	Hormonal control of rates of metamorphic development in the tobacco hornworm Manduca sexta. Developmental Biology, 1983, 99, 103-114.	2.0	222
64	Ecdysteroids regulate the release and action of eclosion hormone in the tobacco hornworm, Manduca sexta (L.). Journal of Insect Physiology, 1983, 29, 895-900.	2.0	146
65	Transegmental electrical coupling between adjacent intersegemental muscles in the tobacco hawkmoth (Manduca sexta). Journal of Insect Physiology, 1981, 27, 727-734.	2.0	5
66	Eclosion hormone may control all ecdyses in insects. Nature, 1981, 291, 70-71.	27.8	136