Sergio Adamo

List of Publications by Year in Descending Order

92 papers	2,388 citations	29 h-index	44 g-index
97 ext. papers	2,693 ext. citations	4.7 avg, IF	4.6 L-index

#	Paper	IF	Citations
92	Cytoplasmic HDAC4 regulates the membrane repair mechanism in Duchenne muscular dystrophy.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	3
91	A Pound of Flesh: What Cachexia Is and What It Is Not. *Diagnostics*, **2021**, 11,	3.8	10
90	Neurohypophyseal hormones and skeletal muscle: a tale of two faces. *European Journal of Translational Myology*, **2020**, 30, 8899	2.1	1
89	Displaced Myonuclei in Cancer Cachexia Suggest Altered Innervation. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	11
88	Inhibition of Phosphoinositide 3-Kinase/Protein Kinase B Signaling Hampers the Vasopressin-dependent Stimulation of Myogenic Differentiation. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	3
87	Histone deacetylase 4 protects from denervation and skeletal muscle atrophy in a murine model of amyotrophic lateral sclerosis. *EBioMedicine*, **2019**, 40, 717-732	8.8	26
86	The JAK/STAT Pathway in Skeletal Muscle Pathophysiology. *Frontiers in Physiology*, **2019**, 10, 500	4.6	40
85	The Mechanical Stimulation of Myotubes Counteracts the Effects of Tumor-Derived Factors Through the Modulation of the Activin/Follistatin Ratio. *Frontiers in Physiology*, **2019**, 10, 401	4.6	14
84	Biological Scaffolds for Abdominal Wall Repair: Future in Clinical Application?. *Materials*, **2019**, 12,	3.5	16
83	Interplay between Metabolites and the Epigenome in Regulating Embryonic and Adult Stem Cell Potency and Maintenance. *Stem Cell Reports*, **2019**, 13, 573-589	8	31
82	Thyroid Hormone Protects from Fasting-Induced Skeletal Muscle Atrophy by Promoting Metabolic Adaptation. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	4
81	HDAC4 regulates satellite cell proliferation and differentiation by targeting P21 and Sharp1 genes. *Scientific Reports*, **2018**, 8, 3448	4.9	24
80	Peroxynitrite Activates the NLRP3 Inflammasome Cascade in SOD1(G93A) Mouse Model of Amyotrophic Lateral Sclerosis. *Molecular Neurobiology*, **2018**, 55, 2350-2361	6.2	39
79	HDAC4 preserves skeletal muscle structure following long-term denervation by mediating distinct cellular responses. *Skeletal Muscle*, **2018**, 8, 6	5.1	23
78	Ormoni neuroipofisari: regolatori non canonici della struttura, funzione e omeostasi del muscolo. *L Endocrinologo*, **2018**, 19, 85-88	0	
77	Skeletal Muscle: A Significant Novel Neurohypophyseal Hormone-Secreting Organ. *Frontiers in Physiology*, **2018**, 9, 1885	4.6	7
76	From Ejtm (European Journal of Translational Myology) to Ejt3M (European Journal of Translational Myology, Mobility, Medicine). *European Journal of Translational Myology*, **2018**, 28, 7400	2.1	1

75	Culture conditions influence satellite cell activation and survival of single myofibers. *European Journal of Translational Myology*, **2018**, 28, 7567	2.1	8
74	Increasing autophagy does not affect neurogenic muscle atrophy. *European Journal of Translational Myology*, **2018**, 28, 7687	2.1	6
73	HDAC4 Regulates Skeletal Muscle Regeneration via Soluble Factors. *Frontiers in Physiology*, **2018**, 9, 1387	4.6	14
72	Coordinated Actions of MicroRNAs with other Epigenetic Factors Regulate Skeletal Muscle Development and Adaptation. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	47
71	Of Faeces and Sweat. How Much a Mouse is Willing to Run: Having a Hard Time Measuring Spontaneous Physical Activity in Different Mouse Sub-Strains. *European Journal of Translational Myology*, **2017**, 27, 6483	2.1	10
70	Denervation does not Induce Muscle Atrophy Through Oxidative Stress. *European Journal of Translational Myology*, **2017**, 27, 6406	2.1	23
69	Skeletal muscle Heat shock protein 60 increases after endurance training and induces peroxisome proliferator-activated receptor gamma coactivator 1 α expression. *Scientific Reports*, **2016**, 6, 19781	4.9	46
68	Aerobic Exercise and Pharmacological Treatments Counteract Cachexia by Modulating Autophagy in Colon Cancer. *Scientific Reports*, **2016**, 6, 26991	4.9	107
67	What to Do, and What Not to Do, When Diagnosing and Treating Breakthrough Cancer Pain (BTcP): Expert Opinion. *Drugs*, **2016**, 76, 315-30	12.1	27
66	Spontaneous Physical Activity Downregulates Pax7 in Cancer Cachexia. *Stem Cells International*, **2016**, 2016, 6729268	5	36
65	Epigenetics of Muscle Disorders **2016**, 315-333		3
64	Regulation of skeletal muscle development and homeostasis by gene imprinting, histone acetylation and microRNA. *Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms*, **2015**, 1849, 309-16	6	40
63	Muscle extracellular matrix scaffold is a multipotent environment. *International Journal of Medical Sciences*, **2015**, 12, 336-40	3.7	40
62	New insights into the epigenetic control of satellite cells. *World Journal of Stem Cells*, **2015**, 7, 945-55	5.6	21
61	Action of obestatin in skeletal muscle repair: stem cell expansion, muscle growth, and microenvironment remodeling. *Molecular Therapy*, **2015**, 23, 1003-1021	11.7	26
60	Neurohypophyseal hormones: novel actors of striated muscle development and homeostasis. *European Journal of Translational Myology*, **2014**, 24,	2.1	14
59	Local overexpression of V1a-vasopressin receptor enhances regeneration in tumor necrosis factor-induced muscle atrophy. *BioMed Research International*, **2014**, 2014, 235426	3	8
58	Muscle acellular scaffold as a biomaterial: effects on C2C12 cell differentiation and interaction with the murine host environment. *Frontiers in Physiology*, **2014**, 5, 354	4.6	33

57	Native extracellular matrix: a new scaffolding platform for repair of damaged muscle. *Frontiers in Physiology*, **2014**, 5, 218	4.6	59
56	Neurohypophyseal Hormones: Novel Actors of Striated Muscle Development and Homeostasis. *European Journal of Translational Myology*, **2014**, 24, 3790	2.1	19
55	Restoration versus reconstruction: cellular mechanisms of skin, nerve and muscle regeneration compared. *Regenerative Medicine Research*, **2013**, 1, 4	1.2	13
54	Substrains of inbred mice differ in their physical activity as a behavior. *Scientific World Journal, The*, **2013**, 2013, 237260	2.2	22
53	NF-B-mediated Pax7 dysregulation in the muscle microenvironment promotes cancer cachexia. *Journal of Clinical Investigation*, **2013**, 123, 4821-35	15.9	224
52	The pro-myogenic environment provided by whole organ scale acellular scaffolds from skeletal muscle. *Biomaterials*, **2011**, 32, 7870-82	15.6	88
51	Skeletal muscle regeneration in mice is stimulated by local overexpression of V1a-vasopressin receptor. *Molecular Endocrinology*, **2011**, 25, 1661-73		24
50	PKC signaling is required for myoblast fusion by regulating the expression of caveolin-3 and 1D integrin upstream focal adhesion kinase. *Molecular Biology of the Cell*, **2011**, 22, 1409-19	3.5	34
49	Molecular, cellular and physiological characterization of the cancer cachexia-inducing C26 colon carcinoma in mouse. *BMC Cancer*, **2010**, 10, 363	4.8	112
48	Culture of skeletal muscle cells in unprecedented proximity to a gold surface. *Journal of Biomedical Materials Research - Part A*, **2009**, 91, 370-7	5.4	4
47	Modulation of caspase activity regulates skeletal muscle regeneration and function in response to vasopressin and tumor necrosis factor. *PLoS ONE*, **2009**, 4, e5570	3.7	32
46	V1a vasopressin receptor expression is modulated during myogenic differentiation. *Differentiation*, **2008**, 76, 371-80	3.5	13
45	Tumor necrosis factor-alpha inhibition of skeletal muscle regeneration is mediated by a caspase-dependent stem cell response. *Stem Cells*, **2008**, 26, 997-1008	5.8	61
44	Skeletal muscle is enriched in hematopoietic stem cells and not inflammatory cells in cachectic mice. *Neurological Research*, **2008**, 30, 160-9	2.7	25
43	Static magnetic fields enhance skeletal muscle differentiation in vitro by improving myoblast alignment. *Cytometry Part A: the Journal of the International Society for Analytical Cytology*, **2007**, 71, 846-56	4.6	51
42	Hypertrophy and transcriptional regulation induced in myogenic cell line L6-C5 by an increase of extracellular calcium. *Journal of Cellular Physiology*, **2005**, 202, 787-95	7	15
41	Tumor necrosis factor-alpha gene transfer induces cachexia and inhibits muscle regeneration. *Genesis*, **2005**, 43, 120-8	1.9	104
40	Vasopressin-dependent myogenic cell differentiation is mediated by both Ca2+/calmodulin-dependent kinase and calcineurin pathways. *Molecular Biology of the Cell*, **2005**, 16, 3632-41	3.5	33

39	Phospholipase D is involved in myogenic differentiation through remodeling of actin cytoskeleton. *Molecular Biology of the Cell*, **2005**, 16, 1232-44	3.5	66
38	Phorbol ester-induced differentiation of L6 myogenic cells involves phospholipase D activation. *FEBS Letters*, **2004**, 577, 409-14	3.8	5
37	Toxic Effects of Polychlorinated Biphenyls in Myogenic Cells. *Journal of Health Science*, **2004**, 50, 33-41		2
36	A bimodal modulation of the cAMP pathway is involved in the control of myogenic differentiation in l6 cells. *Journal of Biological Chemistry*, **2003**, 278, 49308-15	5.4	12
35	Increase in cytosolic Ca2+ induced by elevation of extracellular Ca2+ in skeletal myogenic cells. *American Journal of Physiology - Cell Physiology*, **2003**, 284, C969-76	5.4	19
34	IGF-I-induced differentiation of L6 myogenic cells requires the activity of cAMP-phosphodiesterase. *Molecular Biology of the Cell*, **2003**, 14, 1392-404	3.5	24
33	AVP induces myogenesis through the transcriptional activation of the myocyte enhancer factor 2. *Molecular Endocrinology*, **2002**, 16, 1407-16		19
32	Polychlorobiphenyls inhibit skeletal muscle differentiation in culture. *Toxicology and Applied Pharmacology*, **2001**, 175, 226-33	4.6	17
31	Vesicle-mediated phosphatidylcholine reapposition to the plasma membrane following hormone-induced phospholipase D activation. *Experimental Cell Research*, **2000**, 256, 94-104	4.2	10
30	Surface remodeling associated with vasopressin-induced membrane traffic in L6 myogenic cells. *Archives of Histology and Cytology*, **2000**, 63, 441-9		2
29	Involvement of type 4 cAMP-phosphodiesterase in the myogenic differentiation of L6 cells. *Molecular Biology of the Cell*, **1999**, 10, 4355-67	3.5	29
28	Hormonal regulation of phosphatidylcholine metabolism and transport. *Lipids*, **1999**, 34 Suppl, S71	1.6	
27	Phosphatidic acid-dependent activation of adenosine-3$5Scyclic-monophosphate-phosphodiesterase is necessary for Arg-vasopressin induction of myogenesis. *Lipids*, **1999**, 34 Suppl, S81-2	1.6	2
26	Role of phospholipase C and D signalling pathways in vasopressin-dependent myogenic differentiation. *Journal of Cellular Physiology*, **1997**, 171, 34-42	7	36
25	Characterization of the Retinoid Binding Properties of the Major Fusion Products Present in Acute Promyelocytic Leukemia Cells. *Blood*, **1997**, 90, 1175-1185	2.2	6
24	Retinoids and cell adhesion. *Methods in Enzymology*, **1990**, 190, 81-91	1.7	6
23	Activity and regulation of calcium-, phospholipid-dependent protein kinase in differentiating chick myogenic cells. *Journal of Cell Biology*, **1989**, 108, 153-8	7.3	29
22	Effects of protein kinase C (PK-C) activators and inhibitors on human large granular lymphocytes (LGL): role of PK-C on natural killer (NK) activity. *Cellular Immunology*, **1989**, 118, 470-81	4.4	26

21	Signal transduction in the Sertoli cell: serum modulation of the response to FSH. *The Journal of Steroid Biochemistry*, **1989**, 32, 129-34		8
20	Protein kinase C in cell proliferation and differentiation. *Annals of the New York Academy of Sciences*, **1988**, 551, 369-71	6.5	4
19	Follicle-stimulating hormone modulation of phosphoinositide turnover in the immature rat Sertoli cell in culture. *Endocrinology*, **1988**, 123, 2032-9	4.8	41
18	Acetylcholine may regulate its own nicotinic receptor-channel through the C-kinase system. *Proceedings of the Royal Society of London Series B, Containing Papers of A Biological Character*, **1987** , 230, 355-65		47
17	Altered distribution of protein kinase C in dystrophic muscle cells and its modulation by liposome-delivered phospholipids. *Biochemical and Biophysical Research Communications*, **1986**, 137, 752-8	3.4	13
16	Proliferating and quiescent cells exhibit different subcellular distribution of protein kinase C activity. *FEBS Letters*, **1986**, 195, 352-6	3.8	21
15	Calcium-, phospholipid-dependent protein kinase activity of cultured rat Sertoli cells and its modifications by vitamin A. *Molecular and Cellular Endocrinology*, **1986**, 48, 213-20	4.4	30
14	Acetylcholine stimulates phosphatidylinositol turnover at nicotinic receptors of cultured myotubes. *FEBS Letters*, **1985**, 190, 161-4	3.8	39
13	Phosphorylation of specific polypeptides induced by 12-O-tetradecanoylphorbol-13-acetate in chick embryo fibroblasts. *Carcinogenesis*, **1984**, 5, 559-63	4.6	2
12	Specific TPA-induced protein phosphorylations in cultured myotubes. *Cell Biology International Reports*, **1983**, 7, 189		2
11	Developmental changes of cyclic adenosine monophosphate-dependent protein kinase activity during spermatogenesis in the mouse. *Biology of Reproduction*, **1983**, 28, 860-9	3.9	14
10	Glycopeptide alterations induced by 12-O-tetradecanoyl phorbol-13-acetate in chick embryo cultured myotubes. *Carcinogenesis*, **1982**, 3, 1191-4	4.6	2
9	TPA-induced inhibition of the expression of differentiative traits in cultured myotubes: dependence on protein synthesis. *Differentiation*, **1982**, 21, 62-5	3.5	32
8	Regulation of Sertoli cell cyclic adenosine 3$5Smonophosphate phosphodiesterase activity by follicle stimulating hormone and dibutyrl cyclic AMP. *Biochemical and Biophysical Research Communications*, **1981**, 98, 1044-50	3.4	28
7	Retinoid metabolism and mode of action. *Environmental Health Perspectives*, **1980**, 35, 147-52	8.4	10
6	Particulate and soluble adenylate cyclase activities of mouse male germ cells. *Biochemical and Biophysical Research Communications*, **1980**, 97, 607-13	3.4	29
5	Recent developments in studies on biological functions of vitamin A in normal and transformed tissues. *Pure and Applied Chemistry*, **1979**, 51, 581-592	2.1	21
4	Biosynthetic changes in myosin heavy subunit during myogenesis in culture. *Differentiation*, **1978**, 10, 95-100	3.5	11

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3	Expression of differentiative traits in the absence of cell fusion during myogenesis in culture. *Cell Differentiation*, **1976**, 5, 53-67	28
2	Cell Fusion and Creatine Kinase Activity in Cultures of Chick Embryo Myoblasts. *Bollettino Di Zoologia*, **1975**, 42, 49-56	0
1	Differentiation in Culture of Myoblasts Inhibited to Fuse. *Bollettino Di Zoologia*, **1975**, 42, 251-256	