

Marina Bouche

List of Publications by Year in descending order

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59
papers

6,157
citations

236925
25
h-index

155660
55
g-index

60
all docs

60
docs citations

60
times ranked

15111
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	9.1	4,701
2	MyoD, myogenin independent differentiation of primordial myoblasts in mouse somites.. Journal of Cell Biology, 1992, 116, 1243-1255.	5.2	110
3	PKC δ -mediated ERK, JNK and p38 activation regulates the myogenic program in human rhabdomyosarcoma cells. Journal of Cell Science, 2002, 115, 3587-3599.	2.0	93
4	In vitro differentiation of satellite cells isolated from normal and dystrophic mammalian muscles. A comparison with embryonic myogenic cells. Cell Differentiation, 1980, 9, 357-368.	0.4	89
5	Transgenic mice with dominant negative PKC- θ in skeletal muscle: A new model of insulin resistance and obesity. Journal of Cellular Physiology, 2003, 196, 89-97.	4.1	59
6	Muscle Expression of <i>SOD1^{G93A}</i> Triggers the Dismantlement of Neuromuscular Junction <i>via</i> PKC- θ . Antioxidants and Redox Signaling, 2018, 28, 1105-1119.	5.4	56
7	From Innate to Adaptive Immune Response in Muscular Dystrophies and Skeletal Muscle Regeneration: The Role of Lymphocytes. BioMed Research International, 2014, 2014, 1-12.	1.9	51
8	Intracellular signaling in ER stress-induced autophagy in skeletal muscle cells. FASEB Journal, 2013, 27, 1990-2000.	0.5	49
9	The Inhibition of Differentiation Caused by TGF β^2 in Fetal Myoblasts Is Dependent upon Selective Expression of PKC δ : A Possible Molecular Basis for Myoblast Diversification during Limb Histogenesis. Developmental Biology, 1996, 180, 156-164.	2.0	48
10	TGF β^2 autocrine loop regulates cell growth and myogenic differentiation in human rhabdomyosarcoma cells. FASEB Journal, 2000, 14, 1147-1158.	0.5	46
11	HDAC inhibitors tune miRNAs in extracellular vesicles of dystrophic muscle-resident mesenchymal cells. EMBO Reports, 2020, 21, e50863.	4.5	45
12	The block of ryanodine receptors selectively inhibits fetal myoblast differentiation. Journal of Cell Science, 2003, 116, 1589-1597.	2.0	43
13	Thyroid Hormone T3 Counteracts STZ Induced Diabetes in Mouse. PLoS ONE, 2011, 6, e19839.	2.5	42
14	Disruption of MEK/ERK/c-Myc signaling radiosensitizes prostate cancer cells in vitro and in vivo. Journal of Cancer Research and Clinical Oncology, 2018, 144, 1685-1699.	2.5	40
15	PKC δ signaling is required for myoblast fusion by regulating the expression of caveolin-3 and β 1D integrin upstream focal adhesion kinase. Molecular Biology of the Cell, 2011, 22, 1409-1419.	2.1	39
16	PKC θ Ablation Improves Healing in a Mouse Model of Muscular Dystrophy. PLoS ONE, 2012, 7, e31515.	2.5	39
17	Cavin-1 and Caveolin-1 are both required to support cell proliferation, migration and anchorage-independent cell growth in rhabdomyosarcoma. Laboratory Investigation, 2015, 95, 585-602.	3.7	37
18	Adrenocorticotropin is a specific mitogen for mammalian myogenic cells. Developmental Biology, 1989, 131, 331-336.	2.0	36

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19	TPA-Induced Differentiation of Human Rhabdomyosarcoma Cells: Expression of the Myogenic Regulatory Factors. <i>Experimental Cell Research</i> , 1993, 208, 209-217.	2.6	36
20	Macrophages fine tune satellite cell fate in dystrophic skeletal muscle of mdx mice. <i>PLoS Genetics</i> , 2019, 15, e1008408.	3.5	35
21	Splenic Ly6Chi monocytes are critical players in dystrophic muscle injury and repair. <i>JCI Insight</i> , 2020, 5, .	5.0	35
22	TPA-Induced Inhibition of the Expression of Differentiative Traits in Cultured Myotubes: Dependence on Protein Synthesis. <i>Differentiation</i> , 1982, 21, 62-65.	1.9	34
23	Posttranslational incorporation of contractile proteins into myofibrils in a cell-free system.. <i>Journal of Cell Biology</i> , 1988, 107, 587-596.	5.2	30
24	Protein kinase C theta (PKC θ) modulates the CIC-1 chloride channel activity and skeletal muscle phenotype: a biophysical and gene expression study in mouse models lacking the PKC θ . <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 2215-2228.	2.8	28
25	Protein kinase C theta co-operates with calcineurin in the activation of slow muscle genes in cultured myogenic cells. <i>Journal of Cellular Physiology</i> , 2006, 207, 379-388.	4.1	25
26	A Pound of Flesh: What Cachexia Is and What It Is Not. <i>Diagnostics</i> , 2021, 11, 116.	2.6	23
27	Pharmacological Inhibition of PKC θ Counteracts Muscle Disease in a Mouse Model of Duchenne Muscular Dystrophy. <i>EBioMedicine</i> , 2017, 16, 150-161.	6.1	22
28	Bisphosphonate, a phospho-tyrosine phosphatase inhibitor, reprograms myogenic cells to acquire a pluripotent, circulating phenotype. <i>FASEB Journal</i> , 2007, 21, 3573-3583.	0.5	20
29	Synthetic sulfonyl-hydrazone-1 positively regulates cardiomyogenic microRNA expression and cardiomyocyte differentiation of induced pluripotent stem cells. <i>Journal of Cellular Biochemistry</i> , 2011, 112, 2006-2014.	2.6	20
30	Knock down of caveolin-1 affects morphological and functional hallmarks of human endothelial cells. <i>Journal of Cellular Biochemistry</i> , 2013, 114, 1843-1851.	2.6	20
31	Activation of skeletal muscle-resident glial cells upon nerve injury. <i>JCI Insight</i> , 2021, 6, .	5.0	20
32	Protein kinase C δ is required for cardiomyocyte survival and cardiac remodeling. <i>Cell Death and Disease</i> , 2010, 1, e45-e45.	6.3	19
33	Targeting early PKC δ -dependent T cell infiltration of dystrophic muscle reduces disease severity in a mouse model of muscular dystrophy. <i>Journal of Pathology</i> , 2018, 244, 323-333.	4.5	18
34	Culture conditions influence satellite cell activation and survival of single myofibers. <i>European Journal of Translational Myology</i> , 2018, 28, 7567.	1.7	14
35	Inflammation in Muscle Repair, Aging, and Myopathies. <i>BioMed Research International</i> , 2014, 2014, 1-3.	1.9	13
36	Lack of PKC δ Promotes Regenerative Ability of Muscle Stem Cells in Chronic Muscle Injury. <i>International Journal of Molecular Sciences</i> , 2020, 21, 932.	4.1	13

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37	Skeletal Muscle: A Significant Novel Neurohypophyseal Hormone-Secreting Organ. <i>Frontiers in Physiology</i> , 2018, 9, 1885.	2.8	12
38	A novel approach for the isolation and long-term expansion of pure satellite cells based on ice-cold treatment. <i>Skeletal Muscle</i> , 2021, 11, 7.	4.2	12
39	ACTH-like peptides in postimplantation mouse embryos: A possible role in myoblast proliferation and muscle histogenesis. <i>Developmental Biology</i> , 1992, 151, 446-458.	2.0	11
40	Differentiation dependent expression in muscle cells of ZT3, a novel zinc finger factor differentially expressed in embryonic and adult tissues. <i>Mechanisms of Development</i> , 1996, 54, 107-117.	1.7	11
41	Targeting PKC δ in skeletal muscle and muscle diseases: good or bad?. <i>Biochemical Society Transactions</i> , 2014, 42, 1550-1555.	3.4	11
42	Do neurogenic and cancer-induced muscle atrophy follow common or divergent paths?. <i>European Journal of Translational Myology</i> , 2018, 28, 7931.	1.7	9
43	Muscle Diversity, Heterogeneity, and Gradients: Learning from Sarcoglycanopathies. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2502.	4.1	7
44	Phosphotyrosine phosphatase inhibitor bisperoxovanadium endows myogenic cells with enhanced muscle stem cell functions via epigenetic modulation of Sca β 1 and Pw1 promoters. <i>FASEB Journal</i> , 2016, 30, 1404-1415.	0.5	6
45	Targeting PKC δ Promotes Satellite Cell Self-Renewal. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2419.	4.1	6
46	Isolation and characterization of the murine zinc finger coding gene, ZT2: expression in normal and transformed myogenic cells. <i>Gene</i> , 1999, 230, 81-90.	2.2	5
47	Accelerating the Mdx Heart Histo-Pathology through Physical Exercise. <i>Life</i> , 2021, 11, 706.	2.4	4
48	Changes in protein and glycoprotein biosynthesis during differentiation of satellite cells in vitro. <i>Experimental Cell Research</i> , 1982, 138, 489-494.	2.6	3
49	Specific TPA-induced protein phosphorylations in cultured myotubes. <i>Cell Biology International Reports</i> , 1983, 7, 189-189.	0.6	3
50	Single acetylcholine-activated channels in cultured rhabdomyoblasts. <i>Experimental Cell Research</i> , 1987, 171, 498-502.	2.6	3
51	Phosphorylation of specific polypeptides induced by 12-O-tetra-decanoylphorbol-13-acetate in chick embryo fibroblasts. <i>Carcinogenesis</i> , 1984, 5, 559-563.	2.8	2
52	Characterization of the Role of PKC-Theta in the Modulation of ClC-1 Chloride Channel Function and Calcium Homeostasis in Fast- and Slow-Twitch Skeletal Muscle by using PKC-Theta Null Mice. <i>Biophysical Journal</i> , 2012, 102, 332a-333a.	0.5	1
53	A Simple Method for the Isolation and in vitro Expansion of Highly Pure Mouse and Human Satellite Cells. <i>Bio-protocol</i> , 2021, 11, e4238.	0.4	1
54	Inhibition of PKC δ Improves Dystrophic Heart Phenotype and Function in a Novel Model of DMD Cardiomyopathy. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2256.	4.1	1

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55	Anti-oncogenic and pro-myogenic action of the MKK6/p38/AKT axis induced by targeting MEK/ERK in embryonal rhabdomyosarcoma. <i>Oncology Reports</i> , 2022, 48, .	2.6	1
56	Differentiation in Culture of Myogenic Cells from Adult Mouse Muscle. <i>Bollettino Di Zoologia</i> , 1978, 45, 369-374.	0.3	0
57	Protein Kinase C-Theta Controls the CLC-1 Chloride Channel Function and Skeletal Muscle Phenotype: A Biophysical and Gene Expression Study in Pkc-Theta Null Mice. <i>Biophysical Journal</i> , 2014, 106, 550a.	0.5	0
58	Invited Commentary on "Enrichment and Characterization of Two Subgroups of Committed Osteogenic Cells in the Mouse Endosteal Bone Marrow with Expression Levels of CD24?". <i>Journal of Bone Marrow Research</i> , 2014, 02, .	0.2	0
59	A tribute to Professor Sergio Adamo, Full Professor of Histology and Embryology at Sapienza University, Rome. <i>European Journal of Translational Myology</i> , 2022, 32, .	1.7	0