

Marino De Leon

List of Publications by Year in descending order

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Version: 2024-02-01

80
papers

2,773
citations

147801

31
h-index

182427

51
g-index

82
all docs

82
docs citations

82
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	A myelin protein is encoded by the homologue of a growth arrest-specific gene.. Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 7195-7199.	7.1	210
2	Primary sensory neurons exhibit altered gene expression in a rat model of neuropathic pain. Pain, 1994, 58, 95-108.	4.2	157
3	Quantification of axotomy-induced alteration of neuropeptide mRNAs in dorsal root ganglion neurons with special reference to neuropeptide Y mRNA and the effects of neonatal capsaicin treatment. Journal of Neuroscience Research, 1993, 35, 54-66.	2.9	142
4	Extracellular, cell-permeable survivin inhibits apoptosis while promoting proliferative and metastatic potential. British Journal of Cancer, 2009, 100, 1073-1086.	6.4	131
5	Axotomy induces preprotachykinin gene expression in a subpopulation of dorsal root ganglion neurons. Journal of Neuroscience Research, 1994, 37, 596-603.	2.9	110
6	Palmitic and stearic fatty acids induce caspase-dependent and -independent cell death in nerve growth factor differentiated PC12 cells. Journal of Neurochemistry, 2003, 84, 655-668.	3.9	110
7	Docetaxel-induced prostate cancer cell death involves concomitant activation of caspase and lysosomal pathways and is attenuated by LEDGF/p75. Molecular Cancer, 2009, 8, 68.	19.2	104
8	Palmitic acid is a toll-like receptor 4 ligand that induces human dendritic cell secretion of IL-1 β . PLoS ONE, 2017, 12, e0176793.	2.5	87
9	Hyperglycemia magnifies Schwann cell dysfunction and cell death triggered by PA-induced lipotoxicity. Brain Research, 2011, 1370, 64-79.	2.2	78
10	Identification of transcriptionally regulated genes after sciatic nerve injury. Journal of Neuroscience Research, 1991, 29, 437-448.	2.9	72
11	Underrepresented Minority High School and College Students Report STEM-Pipeline Sustaining Gains After Participating in the Loma Linda University Summer Health Disparities Research Program. PLoS ONE, 2014, 9, e108497.	2.5	71
12	Differential expression of peroxiredoxins in prostate cancer: Consistent upregulation of PRDX3 and PRDX4. Prostate, 2011, 71, 755-765.	2.3	70
13	Metabolomics uncovers dietary omega-3 fatty acid-derived metabolites implicated in anti-nociceptive responses after experimental spinal cord injury. Neuroscience, 2013, 255, 1-18.	2.3	69
14	Immunoreactivity of PMP-22, P0, and other 19 to 28 kDa glycoproteins in peripheral nerve myelin of mammals and fish with HNK1 and related antibodies. Journal of Neuroscience Research, 1993, 35, 546-558.	2.9	64
15	Fatty acid binding protein is induced in neurons of the dorsal root ganglia after peripheral nerve injury. Journal of Neuroscience Research, 1996, 44, 283-292.	2.9	63
16	Synthesis and biological activity of benzothiazolo- and benzoxazolo[3,2-a]quinolinium salts. Journal of Medicinal Chemistry, 1982, 25, 1378-1381.	6.4	61
17	Expression of FABP in PC12 cells increases neurite extension during differentiation: involvement of ω -3 and ω -6 fatty acids. Journal of Neurochemistry, 2008, 106, 2015-2029.	3.9	59
18	Docosahexaenoic Acid Pretreatment Confers Protection and Functional Improvements after Acute Spinal Cord Injury in Adult Rats. Journal of Neurotrauma, 2012, 29, 551-566.	3.4	55

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19	Activation and reversal of lipotoxicity in PC12 and rat cortical cells following exposure to palmitic acid. <i>Journal of Neuroscience Research</i> , 2009, 87, 1207-1218.	2.9	54
20	Expression of the Stress Response Oncoprotein LEDGF/p75 in Human Cancer: A Study of 21 Tumor Types. <i>PLoS ONE</i> , 2012, 7, e30132.	2.5	51
21	In situ and immunocytochemical localization of E-FABP mRNA and protein during neuronal migration and differentiation in the rat brain. <i>Brain Research</i> , 2000, 852, 16-27.	2.2	47
22	Dietary Omega-3 Polyunsaturated Fatty Acids Improve the Neurolipidome and Restore the DHA Status while Promoting Functional Recovery after Experimental Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2013, 30, 853-868.	3.4	47
23	Improved Clinical Outcomes Using a Culturally Sensitive Diabetes Education Program in a Hispanic Population. <i>The Diabetes Educator</i> , 2008, 34, 698-706.	2.5	43
24	Comparison of body composition by bioelectrical impedance analysis and dual-energy X-ray absorptiometry in Hispanic diabetics. <i>International Journal of Body Composition Research</i> , 2010, 8, 45-50.	0.5	42
25	The Stress Oncoprotein LEDGF/p75 Interacts with the Methyl CpG Binding Protein MeCP2 and Influences Its Transcriptional Activity. <i>Molecular Cancer Research</i> , 2012, 10, 378-391.	3.4	39
26	Lipotoxicity-mediated cell dysfunction and death involve lysosomal membrane permeabilization and cathepsin L activity. <i>Brain Research</i> , 2010, 1318, 133-143.	2.2	35
27	Differential insulin-like growth factor II (IGF-II) expression: A potential role for breast cancer survival disparity. <i>Growth Hormone and IGF Research</i> , 2010, 20, 162-170.	1.1	35
28	Insulin-like growth factors I and II receptors in the breast cancer survival disparity among African-American women. <i>Growth Hormone and IGF Research</i> , 2010, 20, 245-254.	1.1	34
29	Polymorphisms in fatty acid binding protein 5 show association with type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2011, 92, 82-91.	2.8	34
30	Docosahexanoic acid antagonizes TNF- α -induced necroptosis by attenuating oxidative stress, ceramide production, lysosomal dysfunction, and autophagic features. <i>Inflammation Research</i> , 2014, 63, 859-871.	4.0	33
31	Comparison of c-jun, junB, and junD mRNA expression and protein in the rat dorsal root ganglia following sciatic nerve transection. <i>Journal of Neuroscience Research</i> , 1995, 42, 391-401.	2.9	31
32	Differential expression and signaling activation of insulin receptor isoforms A and B: A link between breast cancer and diabetes. <i>Growth Factors</i> , 2011, 29, 278-289.	1.7	31
33	Expression of DA11, a neuronal-injury-induced fatty acid binding protein, coincides with axon growth and neuronal differentiation during central nervous system development. , 1997, 48, 551-562.		30
34	Differential effect of proIGF-II and IGF-II on resveratrol induced cell death by regulating survivin cellular localization and mitochondrial depolarization in breast cancer cells. <i>Growth Factors</i> , 2007, 25, 363-372.	1.7	30
35	Induction and axonal localization of epithelial/epidermal fatty acid-binding protein in retinal ganglion cells are associated with axon development and regeneration. <i>Journal of Neuroscience Research</i> , 2001, 66, 396-405.	2.9	28
36	Physician Consultations, Prostate Cancer Knowledge, and PSA Screening of African American Men in the Era of Shared Decision-Making. <i>American Journal of Men's Health</i> , 2018, 12, 751-759.	1.6	27

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37	Depletion of a fatty acid-binding protein impairs neurite outgrowth in PC12 cells. <i>Molecular Brain Research</i> , 2000, 76, 315-324.	2.3	25
38	Characterization of methyl- β -cyclodextrin toxicity in NGF-differentiated PC12 cell death. <i>NeuroToxicology</i> , 2007, 28, 613-621.	3.0	24
39	Pathway specific gene expression profiling reveals oxidative stress genes potentially regulated by transcription coactivator LEDGF/p75 in prostate cancer cells. <i>Prostate</i> , 2012, 72, 597-611.	2.3	22
40	Effects of omega-3 polyunsaturated fatty-acid supplementation on neuropathic pain symptoms and sphingosine levels in Mexican-Americans with type 2 diabetes. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2019, Volume 12, 109-120.	2.4	22
41	En Balance Participants Decrease Dietary Fat and Cholesterol Intake as Part of a Culturally Sensitive Hispanic Diabetes Education Program. <i>The Diabetes Educator</i> , 2011, 37, 239-253.	2.5	21
42	Fatty Acid Binding Protein 5 Modulates Docosahexaenoic Acid-Induced Recovery in Rats Undergoing Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2016, 33, 1436-1449.	3.4	21
43	Docosahexaenoic acid protection against palmitic acid-induced lipotoxicity in NGF-differentiated PC12 cells involves enhancement of autophagy and inhibition of apoptosis and necroptosis. <i>Journal of Neurochemistry</i> , 2020, 155, 559-576.	3.9	20
44	SR13/PMP-22 expression in rat nervous system, in PC12 cells, and C6 glial cell lines. <i>Journal of Neuroscience Research</i> , 1994, 38, 167-181.	2.9	19
45	En Balance. <i>The Diabetes Educator</i> , 2012, 38, 723-732.	2.5	19
46	Protective effect of docosahexaenoic acid on lipotoxicity-mediated cell death in Schwann cells: Implication of PI3K/AKT and mTORC2 pathways. <i>Brain and Behavior</i> , 2018, 8, e01123.	2.2	19
47	Neurorestorative Targets of Dietary Long-Chain Omega-3 Fatty Acids in Neurological Injury. <i>Molecular Neurobiology</i> , 2014, 50, 197-213.	4.0	17
48	Precursor Igf-ii (Proigf-ii) And Mature Igf-ii (Migf-ii) Induce Bcl-2 And Bcl-x _L Expression Through Different Signaling Pathways In Breast Cancer Cells. <i>Growth Factors</i> , 2008, 26, 92-103.	1.7	16
49	The 22Rv1 prostate cancer cell line carries mixed genetic ancestry: Implications for prostate cancer health disparities research using pre-clinical models. <i>Prostate</i> , 2017, 77, 1601-1608.	2.3	16
50	Dietary Omega-3 Polyunsaturated Fatty-Acid Supplementation Upregulates Protective Cellular Pathways in Patients with Type 2 Diabetes Exhibiting Improvement in Painful Diabetic Neuropathy. <i>Nutrients</i> , 2022, 14, 761.	4.1	16
51	Keratinocyte Growth Factor Induces Lipogenesis in Alveolar Type II Cells through a Sterol Regulatory Element Binding Protein-1c-Dependent Pathway. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2006, 35, 268-274.	2.9	15
52	Effects of Dietary Vitamin E Supplementation in Bladder Function and Spasticity during Spinal Cord Injury. <i>Brain Sciences</i> , 2018, 8, 38.	2.3	14
53	Epidermal fatty acid-binding protein protects nerve growth factor-differentiated PC 12 cells from lipotoxic injury. <i>Journal of Neurochemistry</i> , 2015, 132, 85-98.	3.9	13
54	Natural Killer Cell Phenotype and Functionality Affected by Exposure to Extracellular Survivin and Lymphoma-Derived Exosomes. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1255.	4.1	13

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55	Supporting the Writing Productivity of Biomedical Graduate Students: An Integrated, Structured Writing Intervention. <i>CBE Life Sciences Education</i> , 2018, 17, ar45.	2.3	9
56	The Ala54Thr Polymorphism of the Fatty Acid Binding Protein 2 Gene Modulates HDL Cholesterol in Mexican-Americans with Type 2 Diabetes. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 52.	2.6	8
57	Impacting obesity and glycemic control using a culturally-sensitive diabetes education program in Hispanic patients with type 2 diabetes. <i>International Journal of Body Composition Research</i> , 2010, 8, 85-94.	0.5	8
58	Methylation of a newly identified region of the INS-IGF2 gene determines IGF2 expression in breast cancer tumors and in breast cancer cells. <i>Oncotarget</i> , 2020, 11, 3904-3920.	1.8	7
59	Pathologic significance of a novel oncoprotein in thyroid cancer progression. <i>Head and Neck</i> , 2017, 39, 2459-2469.	2.0	6
60	The En Balance Spanish diabetes education program improves apolipoproteins, serum glucose and body composition in Hispanic diabetics. <i>Ethnicity and Disease</i> , 2012, 22, 215-20.	2.3	6
61	Identification of Anti-Long Chain Saturated Fatty Acid IgG Antibodies in Serum of Patients with Type 2 Diabetes. <i>Mediators of Inflammation</i> , 2015, 2015, 1-13.	3.0	5
62	Comparison of the synthesis and axonal transport of fucosylated glycoproteins by intact and regenerating sensory neurons in the frog. <i>Restorative Neurology and Neuroscience</i> , 1989, 1, 65-75.	0.7	2
63	Vaccinia virus infection and gene transduction in cultured neurons. <i>Microbes and Infection</i> , 2005, 7, 1087-1096.	1.9	2
64	Expression of Intratumoral IGF-II Is Regulated by the Gene Imprinting Status in Triple Negative Breast Cancer from Vietnamese Patients. <i>International Journal of Endocrinology</i> , 2015, 2015, 1-13.	1.5	2
65	Lipotoxicity-mediated cell dysfunction and death involve lysosomal membrane permeabilization and cathepsin L activity. , 2010, 1318, 133-133.		1
66	Fatty Acid-Binding Protein 4 Inhibition Promotes Locomotor and Autonomic Recovery in Rats following Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2022, 39, 1099-1112.	3.4	1
67	Increase in protein and tubulin mRNA synthesis in frog sensory neurons treated with the adenylate cyclase activator, forskolin. <i>Restorative Neurology and Neuroscience</i> , 1990, 1, 225-232.	0.7	0
68	En Balance: The Contribution of Physical Activity to the Efficacy of Spanish Diabetes Education of Hispanic Americans with Type 2 Diabetes. <i>Journal of Diabetes Research</i> , 2020, 2020, 1-8.	2.3	0
69	Abstract 281: Insulin-like growth factor II differential activation of the IGF-1 and insulin receptors in African-American and Caucasian breast cancer tissues. , 2010, , .		0
70	Abstract 4667: Elevated expression of the stress oncoprotein LEDGF/p75 in major human cancers. , 2010, , .		0
71	Abstract 2715: Peroxiredoxin 3: A potential biological determinant of prostate cancer health disparities. , 2010, , .		0
72	Abstract 56: Differential expression of fatty-acid-binding proteins 3 and 5 among African American and Caucasian women with breast cancer. , 2010, , .		0

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73	Abstract 2083: The stress oncoprotein LEDGF/p75 attenuates oxidative stress-induced necrosis but not apoptosis in prostate cancer cells. , 2011, , .		0
74	Abstract 2092: Pathway specific gene profiling analysis reveals potential target genes of the stress oncoprotein LEDGF/p75 in prostate cancer cells. , 2011, , .		0
75	Abstract 3131: Higher IGF-II expression in Vietnamese triple negative breast cancer tumors is dependent on Biallelic or Monoallelic IGF-II with Apal SNP. , 2012, , .		0
76	Abstract 22: Differential IGF-II response of AA and CA normal breast cell lines to prolactin treatment. , 2012, , .		0
77	Abstract 775: Targeting the transcriptional coactivator LEDGF/p75 to overcome chemoresistance in prostate cancer. , 2012, , .		0
78	Impact of "Balance" Culturally Sensitive Educational Program on Lifestyle Changes among Hispanics with Type 2 Diabetes. FASEB Journal, 2013, 27, 344.2.	0.5	0
79	Relationship of nutrition and bone mineral density among Hispanic subjects in "Balance" diabetes education program (1035.10). FASEB Journal, 2014, 28, 1035.10.	0.5	0
80	The Effects of Omega-3 Supplementation on the Lipid Profile and Adipose Indices in Hispanics with Type 2 Diabetes Mellitus. FASEB Journal, 2018, 32, 812.41.	0.5	0