Marino De Leon

List of Publications by Year
in descending order

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	Dietary Omega-3 Polyunsaturated Fatty-Acid Supplementation Upregulates Protective Cellular Pathways in Patients with Type 2 Diabetes Exhibiting Improvement in Painful Diabetic Neuropathy. Nutrients, 2022, 14, 761.	4.1	16
2	Fatty Acid-Binding Protein 4 Inhibition Promotes Locomotor and Autonomic Recovery in Rats following Spinal Cord Injury. Journal of Neurotrauma, 2022, 39, 1099-1112.	3.4	1
3	Natural Killer Cell Phenotype and Functionality Affected by Exposure to Extracellular Survivin and Lymphoma-Derived Exosomes. International Journal of Molecular Sciences, 2021, 22, 1255.	4.1	13
4	Docosahexaenoic acid protection against palmitic acidâ€induced lipotoxicity in NGFâ€differentiated PC12 cells involves enhancement of autophagy and inhibition of apoptosis and necroptosis. Journal of Neurochemistry, 2020, 155, 559-576.	3.9	20
5	En Balance: The Contribution of Physical Activity to the Efficacy of Spanish Diabetes Education of Hispanic Americans with Type 2 Diabetes. Journal of Diabetes Research, 2020, 2020, 1-8.	2.3	0
6	Methylation of a newly identified region of the INS-IGF2 gene determines IGF2 expression in breast cancer tumors and in breast cancer cells. Oncotarget, 2020, 11, 3904-3920.	1.8	7
7	Effects of omega-3 polyunsaturated fatty-acid supplementation on neuropathic pain symptoms and sphingosine levels in Mexican-Americans with type 2 diabetes. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy, 2019, Volume 12, 109-120.	2.4	22
8	Protective effect of docosahexaenoic acid on lipotoxicityâ€mediated cell death in Schwann cells: Implication of PI3K/AKT and mTORC2 pathways. Brain and Behavior, 2018, 8, e01123.	2.2	19
9	Supporting the Writing Productivity of Biomedical Graduate Students: An Integrated, Structured Writing Intervention. CBE Life Sciences Education, 2018, 17, ar45.	2.3	9
10	Effects of Dietary Vitamin E Supplementation in Bladder Function and Spasticity during Spinal Cord Injury. Brain Sciences, 2018, 8, 38.	2.3	14
11	Physician Consultations, Prostate Cancer Knowledge, and PSA Screening of African American Men in the Era of Shared Decision-Making. American Journal of Men's Health, 2018, 12, 751-759.	1.6	27
12	The Effects of Omegaâ€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
13	Pathologic significance of a novel oncoprotein in thyroid cancer progression. Head and Neck, 2017, 39, 2459-2469.	2.0	6
14	The 22Rv1 prostate cancer cell line carries mixed genetic ancestry: Implications for prostate cancer health disparities research using preâ€clinical models. Prostate, 2017, 77, 1601-1608.	2.3	16
15	Palmitic acid is a toll-like receptor 4 ligand that induces human dendritic cell secretion of IL-1Î². PLoS ONE, 2017, 12, e0176793.	2.5	87
16	The Ala54Thr Polymorphism of the Fatty Acid Binding Protein 2 Gene Modulates HDL Cholesterol in Mexican-Americans with Type 2 Diabetes. International Journal of Environmental Research and Public Health, 2016, 13, 52.	2.6	8
17	Fatty Acid Binding Protein 5 Modulates Docosahexaenoic Acid-Induced Recovery in Rats Undergoing Spinal Cord Injury. Journal of Neurotrauma, 2016, 33, 1436-1449.	3.4	21
18	Identification of Anti-Long Chain Saturated Fatty Acid IgG Antibodies in Serum of Patients with Type 2 Diabetes. Mediators of Inflammation, 2015, 2015, 1-13.	3.0	5

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19	Expression of Intratumoral IGF-II Is Regulated by the Gene Imprinting Status in Triple Negative Breast Cancer from Vietnamese Patients. International Journal of Endocrinology, 2015, 2015, 1-13.	1.5	2
20	Epidermal fatty acidâ€binding protein protects nerve growth factorâ€differentiated PC 12 cells from lipotoxic injury. Journal of Neurochemistry, 2015, 132, 85-98.	3.9	13
21	Docosahexanoic acid antagonizes TNF-Î±-induced necroptosis by attenuating oxidative stress, ceramide production, lysosomal dysfunction, and autophagic features. Inflammation Research, 2014, 63, 859-871.	4.0	33
22	Neurorestorative Targets of Dietary Long-Chain Omega-3 Fatty Acids in Neurological Injury. Molecular Neurobiology, 2014, 50, 197-213.	4.0	17
23	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
24	Relationship of nutrition and bone mineral density among Hispanic subjects in â€œEn Balanceâ€•diabetes education program (1035.10). FASEB Journal, 2014, 28, 1035.10.	0.5	0
25	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
26	Dietary Omega-3 Polyunsaturated Fatty Acids Improve the Neurolipidome and Restore the DHA Status while Promoting Functional Recovery after Experimental Spinal Cord Injury. Journal of Neurotrauma, 2013, 30, 853-868.	3.4	47
27	Impact of â€œEn Balanceâ€•Culturally Sensitive Educational Program on Lifestyle Changes among Hispanics with Typeâ€2 Diabetes. FASEB Journal, 2013, 27, 344.2.	0.5	0
28	The Stress Oncoprotein LEDGF/p75 Interacts with the Methyl CpG Binding Protein MeCP2 and Influences Its Transcriptional Activity. Molecular Cancer Research, 2012, 10, 378-391.	3.4	39
29	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
30	En Balance. The Diabetes Educator, 2012, 38, 723-732.	2.5	19
31	Expression of the Stress Response Oncoprotein LEDGF/p75 in Human Cancer: A Study of 21 Tumor Types. PLoS ONE, 2012, 7, e30132.	2.5	51
32	Pathway specific gene expression profiling reveals oxidative stress genes potentially regulated by transcription coâ€activator LEDGF/p75 in prostate cancer cells. Prostate, 2012, 72, 597-611.	2.3	22
33	Abstract 3131: Higher IGF-II expression in Vietnamese triple negative breast cancer tumors is dependent on Biallelic or Monoallelic IGF-II with ApaI SNP. , 2012, , .		0
34	Abstract 22: Differential IGF-II response of AA and CA normal breast cell lines to prolactin treatment. , 2012, , .		0
35	Abstract 775: Targeting the transcriptional coactivator LEDGF/p75 to overcome chemoresistance in prostate cancer. , 2012, , .		0
36	The En Balance Spanish diabetes education program improves apolipoproteins, serum glucose and body composition in Hispanic diabetics. Ethnicity and Disease, 2012, 22, 215-20.	2.3	6

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37	Polymorphisms in fatty acid binding protein 5 show association with type 2 diabetes. Diabetes Research and Clinical Practice, 2011, 92, 82-91.	2.8	34
38	Hyperglycemia magnifies Schwann cell dysfunction and cell death triggered by PA-induced lipotoxicity. Brain Research, 2011, 1370, 64-79.	2.2	78
39	Differential expression of peroxiredoxins in prostate cancer: Consistent upregulation of PRDX3 and PRDX4. Prostate, 2011, 71, 755-765.	2.3	70
40	Differential expression and signaling activation of insulin receptor isoforms A and B: A link between breast cancer and diabetes. Growth Factors, 2011, 29, 278-289.	1.7	31
41	En Balance Participants Decrease Dietary Fat and Cholesterol Intake as Part of a Culturally Sensitive Hispanic Diabetes Education Program. The Diabetes Educator, 2011, 37, 239-253.	2.5	21
42	Abstract 2083: The stress oncoprotein LEDGF/p75 attenuates oxidative stress-induced necrosis but not apoptosis in prostate cancer cells. , 2011, , .		0
43	Abstract 2092: Pathway specific gene profiling analysis reveals potential target genes of the stress oncoprotein LEDGF/p75 in prostate cancer cells. , 2011, , .		0
44	Lipotoxicity-mediated cell dysfunction and death involve lysosomal membrane permeabilization and cathepsin L activity. Brain Research, 2010, 1318, 133-143.	2.2	35
45	Differential insulin-like growth factor II (IGF-II) expression: A potential role for breast cancer survival disparity. Growth Hormone and IGF Research, 2010, 20, 162-170.	1.1	35
46	Insulin-like growth factors I and II receptors in the breast cancer survival disparity among Africanâ€“American women. Growth Hormone and IGF Research, 2010, 20, 245-254.	1.1	34
47	Lipotoxicity-mediated cell dysfunction and death involve lysosomal membrane permeabilization and cathepsin L activity. , 2010, 1318, 133-133.		1
48	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
49	Abstract 4667: Elevated expression of the stress oncoprotein LEDGF/p75 in major human cancers. , 2010, , .		0
50	Abstract 2715: Peroxiredoxin 3: A potential biological determinant of prostate cancer health disparities. , 2010, , .		0
51	Abstract 56: Differential expression of fatty-acid-binding proteins 3 and 5 among African American and Caucasian women with breast cancer. , 2010, , .		0
52	Comparison of body composition by bioelectrical impedance analysis and dual-energy X-ray absorptiometry in Hispanic diabetics. International Journal of Body Composition Research, 2010, 8, 45-50.	0.5	42
53	Impacting obesity and glycemic control using a culturally-sensitive diabetes education program in Hispanic patients with type 2 diabetes. International Journal of Body Composition Research, 2010, 8, 85-94.	0.5	8
54	Activation and reversal of lipotoxicity in PC12 and rat cortical cells following exposure to palmitic acid. Journal of Neuroscience Research, 2009, 87, 1207-1218.	2.9	54

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55	Extracellular, cell-permeable survivin inhibits apoptosis while promoting proliferative and metastatic potential. British Journal of Cancer, 2009, 100, 1073-1086.	6.4	131
56	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
57	Expression of Eâ€FABP in PC12 cells increases neurite extension during differentiation: involvement of nâ€3 and nâ€6 fatty acids. Journal of Neurochemistry, 2008, 106, 2015-2029.	3.9	59
58	Improved Clinical Outcomes Using a Culturally Sensitive Diabetes Education Program in a Hispanic Population. The Diabetes Educator, 2008, 34, 698-706.	2.5	43
59	Precursor Igf-ii (Proigf-ii) And Mature Igf-ii (Migf-ii) Induce Bcl-2 And Bcl-x‹sub›l‹/sub›Expression Through Different Signaling Pathways In Breast Cancer Cells. Growth Factors, 2008, 26, 92-103.	1.7	16
60	Characterization of methyl-Î²-cyclodextrin toxicity in NGF-differentiated PC12 cell death. NeuroToxicology, 2007, 28, 613-621.	3.0	24
61	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. Growth Factors, 2007, 25, 363-372.	1.7	30
62	Keratinocyte Growth Factor Induces Lipogenesis in Alveolar Type II Cells through a Sterol Regulatory Element Binding Protein-1câ€“Dependent Pathway. American Journal of Respiratory Cell and Molecular Biology, 2006, 35, 268-274.	2.9	15
63	Vaccinia virus infection and gene transduction in cultured neurons. Microbes and Infection, 2005, 7, 1087-1096.	1.9	2
64	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
65	Induction and axonal localization of epithelial/epidermal fatty acid-binding protein in retinal ganglion cells are associated with axon development and regeneration. Journal of Neuroscience Research, 2001, 66, 396-405.	2.9	28
66	In situ and immunocytochemical localization of E-FABP mRNA and protein during neuronal migration and differentiation in the rat brain. Brain Research, 2000, 852, 16-27.	2.2	47
67	Depletion of a fatty acid-binding protein impairs neurite outgrowth in PC12 cells. Molecular Brain Research, 2000, 76, 315-324.	2.3	25
68	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
69	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
70	Comparison of c-jun,junB, andjunD mRNA expression and protein in the rat dorsal root ganglia following sciatic nerve transection. Journal of Neuroscience Research, 1995, 42, 391-401.	2.9	31
71	Axotomy induces preprotachykinin gene expression in a subpopulation of dorsal root ganglion neurons. Journal of Neuroscience Research, 1994, 37, 596-603.	2.9	110
72	SR13/PMP-22 expression in rat nervous system, in PC12 cells, and C6 glial cell lines. Journal of Neuroscience Research, 1994, 38, 167-181.	2.9	19

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73	Primary sensory neurons exhibit altered gene expression in a rat model of neuropathic pain. Pain, 1994, 58, 95-108.	4.2	157
74	Quantification of axotomyâ€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
75	Immunoreactivity of PMP-22, P0, and other 19 to 28 kDa glycoprotens in peripheral nerve myelin of mammals and fish with HNK1 and related antibodies. Journal of Neuroscience Research, 1993, 35, 546-558.	2.9	64
76	Identification of transcriptionally regulated genes after sciatic nerve injury. Journal of Neuroscience Research, 1991, 29, 437-448.	2.9	72
77	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
78	Increase in protein and tubulin mRNA synthesis in frog sensory neurons treated with the adenylate cyclase activator, forskolin. Restorative Neurology and Neuroscience, 1990, 1, 225-232.	0.7	0
79	Comparison of the synthesis and axonal transport of fucosylated glycoproteins by intact and regenerating sensory neurons in the frog. Restorative Neurology and Neuroscience, 1989, 1, 65-75.	0.7	2
80	Synthesis and biological activity of benzothiazolo- and benzoxazolo[3,2-a]quinolinium salts. Journal of Medicinal Chemistry, 1982, 25, 1378-1381.	6.4	61