

Nicola Zambrano

List of Publications by Year in descending order

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91
papers

4,325
citations

117453

34
h-index

110170

64
g-index

93
all docs

93
docs citations

93
times ranked

4551
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution structure of the oligomerization domain of p53 by multidimensional NMR. <i>Science</i> , 1994, 265, 386-391.	6.0	311
2	The Regions of the Fe65 Protein Homologous to the Phosphotyrosine Interaction/Phosphotyrosine Binding Domain of Shc Bind the Intracellular Domain of the Alzheimer's Amyloid Precursor Protein. <i>Journal of Biological Chemistry</i> , 1995, 270, 30853-30856.	1.6	270
3	The WW Domain of Neural Protein FE65 Interacts with Proline-rich Motifs in Mena, the Mammalian Homolog of Drosophila Enabled. <i>Journal of Biological Chemistry</i> , 1997, 272, 32869-32877.	1.6	217
4	A p53-independent Pathway for Activation of WAF1/CIP1 Expression Following Oxidative Stress. <i>Journal of Biological Chemistry</i> , 1995, 270, 29386-29391.	1.6	213
5	Identification of a binding site for the human immunodeficiency virus type 1 nucleocapsid protein.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1993, 90, 5219-5223.	3.3	172
6	Interaction of the Phosphotyrosine Interaction/Phosphotyrosine Binding-related Domains of Fe65 with Wild-type and Mutant Alzheimer's β -Amyloid Precursor Proteins. <i>Journal of Biological Chemistry</i> , 1997, 272, 6399-6405.	1.6	141
7	The Fe65 Adaptor Protein Interacts through Its PID1 Domain with the Transcription Factor CP2/LSF/LBP1. <i>Journal of Biological Chemistry</i> , 1998, 273, 20128-20133.	1.6	133
8	Four p53 DNA-binding domain peptides bind natural p53-response elements and bend the DNA.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995, 92, 8591-8595.	3.3	132
9	The β -Amyloid Precursor Protein Functions as a Cytosolic Anchoring Site That Prevents Fe65 Nuclear Translocation. <i>Journal of Biological Chemistry</i> , 2001, 276, 6545-6550.	1.6	120
10	The β -Amyloid Precursor Protein APP Is Tyrosine-phosphorylated in Cells Expressing a Constitutively Active Form of the Abl Protooncogene. <i>Journal of Biological Chemistry</i> , 2001, 276, 19787-19792.	1.6	111
11	Signal Transduction through Tyrosine-phosphorylated C-terminal Fragments of Amyloid Precursor Protein via an Enhanced Interaction with Shc/Grb2 Adaptor Proteins in Reactive Astrocytes of Alzheimer's Disease Brain. <i>Journal of Biological Chemistry</i> , 2002, 277, 35282-35288.	1.6	110
12	Chloroplast proteome response to drought stress and recovery in tomato (<i>Solanum lycopersicum</i> L.). <i>BMC Plant Biology</i> , 2017, 17, 40.	1.6	107
13	Fe65 and the protein network centered around the cytosolic domain of the Alzheimer's β -amyloid precursor protein. <i>FEBS Letters</i> , 1998, 434, 1-7.	1.3	106
14	Nerve Growth Factor Inhibits Apoptosis in Memory B Lymphocytes via Inactivation of p38 MAPK, Prevention of Bcl-2 Phosphorylation, and Cytochrome c Release. <i>Journal of Biological Chemistry</i> , 2001, 276, 39027-39036.	1.6	106
15	A rat brain mRNA encoding a transcriptional activator homologous to the DNA binding domain of retroviral integrases. <i>Nucleic Acids Research</i> , 1991, 19, 5269-5274.	6.5	95
16	Fe65L2: a new member of the Fe65 protein family interacting with the intracellular domain of the Alzheimer's β -amyloid precursor protein. <i>Biochemical Journal</i> , 1998, 330, 513-519.	1.7	91
17	Transcription regulation by the adaptor protein Fe65 and the nucleosome assembly factor SET. <i>EMBO Reports</i> , 2005, 6, 77-82.	2.0	86
18	Platelet-derived Growth Factor Induces the β -Secretase-mediated Cleavage of Alzheimer's Amyloid Precursor Protein through a Src-Rac-dependent Pathway. <i>Journal of Biological Chemistry</i> , 2003, 278, 9290-9297.	1.6	73

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19	Fe65, a Ligand of the Alzheimer's β -Amyloid Precursor Protein, Blocks Cell Cycle Progression by Down-regulating Thymidylate Synthase Expression. <i>Journal of Biological Chemistry</i> , 2002, 277, 35481-35488.	1.6	70
20	DNA-binding protein Pur β and transcription factor YY1 function as transcription activators of the neuron-specific FE65 gene promoter. <i>Biochemical Journal</i> , 1997, 328, 293-300.	1.7	67
21	NCX1 Is a Novel Target Gene for Hypoxia-Inducible Factor-1 in Ischemic Brain Preconditioning. <i>Stroke</i> , 2011, 42, 754-763.	1.0	67
22	Identification of a Hormone-regulated Dynamic Nuclear Actin Network Associated with Estrogen Receptor β in Human Breast Cancer Cell Nuclei. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1352-1367.	2.5	59
23	Urokinase-type plasminogen activator receptor (uPAR) expression enhances invasion and metastasis in RAS mutated tumors. <i>Scientific Reports</i> , 2017, 7, 9388.	1.6	56
24	New viral vectors for infectious diseases and cancer. <i>Seminars in Immunology</i> , 2020, 50, 101430.	2.7	55
25	miRNA and Protein Expression Profiles of Visceral Adipose Tissue Reveal miR-141/YWHAG and miR-520e/RAB11A as Two Potential miRNA/Protein Target Pairs Associated with Severe Obesity. <i>Journal of Proteome Research</i> , 2012, 11, 3358-3369.	1.8	53
26	In Vitro and In Vivo Models for Analysis of Resistance to Anticancer Molecular Therapies. <i>Current Medicinal Chemistry</i> , 2014, 21, 1595-1606.	1.2	52
27	Evidence for a role of the nerve growth factor receptor TrkA in tyrosine phosphorylation and processing of β -APP. <i>Biochemical and Biophysical Research Communications</i> , 2002, 295, 324-329.	1.0	45
28	Essential Roles for Fe65, Alzheimer Amyloid Precursor-binding Protein, in the Cellular Response to DNA Damage. <i>Journal of Biological Chemistry</i> , 2007, 282, 831-835.	1.6	45
29	Characterization of Carbonic Anhydrase IX Interactome Reveals Proteins Assisting Its Nuclear Localization in Hypoxic Cells. <i>Journal of Proteome Research</i> , 2013, 12, 282-292.	1.8	43
30	<i>feh-1</i> and <i>apl-1</i> , the <i>Caenorhabditis elegans</i> orthologues of mammalian Fe65 and β -amyloid precursor protein genes, are involved in the same pathway that controls nematode pharyngeal pumping. <i>Journal of Cell Science</i> , 2002, 115, 1411-1422.	1.2	42
31	<i>feh-1</i> and <i>apl-1</i> , the <i>Caenorhabditis elegans</i> orthologues of mammalian Fe65 and beta-amyloid precursor protein genes, are involved in the same pathway that controls nematode pharyngeal pumping. <i>Journal of Cell Science</i> , 2002, 115, 1411-22.	1.2	36
32	Interaction of Tau with Fe65 links tau to APP. <i>Neurobiology of Disease</i> , 2005, 18, 399-408.	2.1	35
33	Signal Transduction through Tyrosine-Phosphorylated Carboxy-Terminal Fragments of APP via an Enhanced Interaction with Shc/Grb2 Adaptor Proteins in Reactive Astrocytes of Alzheimer's Disease Brain. <i>Annals of the New York Academy of Sciences</i> , 2002, 973, 323-333.	1.8	34
34	Histopathological Determinants of Tumor Resistance: A Special Look to the Immunohistochemical Expression of Carbonic Anhydrase IX in Human Cancers. <i>Current Medicinal Chemistry</i> , 2014, 21, 1569-1582.	1.2	34
35	Identification of miR-494 direct targets involved in senescence of human diploid fibroblasts. <i>FASEB Journal</i> , 2014, 28, 3720-3733.	0.2	34
36	Unveiling Kiwifruit Metabolite and Protein Changes in the Course of Postharvest Cold Storage. <i>Frontiers in Plant Science</i> , 2019, 10, 71.	1.7	34

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37	Identification of a microRNA (miR-663a) induced by ER stress and its target gene PLOD3 by a combined microRNome and proteome approach. <i>Cell Biology and Toxicology</i> , 2016, 32, 285-303.	2.4	33
38	Phosphorylation of a Tyrosine in the Amyloid- β Protein Precursor Intracellular Domain Inhibits Fe65 Binding and Signaling. <i>Journal of Alzheimer's Disease</i> , 2009, 16, 301-307.	1.2	32
39	Differential representation of albumins and globulins during grain development in durum wheat and its possible functional consequences. <i>Journal of Proteomics</i> , 2017, 162, 86-98.	1.2	31
40	Massive parallel screening of phage libraries for the generation of repertoires of human immunomodulatory monoclonal antibodies. <i>MAbs</i> , 2018, 10, 1-13.	2.6	31
41	Identification of the Ligands of Protein Interaction Domains through a Functional Approach. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 333-345.	2.5	30
42	Comparative Proteomic Expression Profile in All-transRetinoic Acid Differentiated Neuroblastoma Cell Line. <i>Journal of Proteome Research</i> , 2007, 6, 2550-2564.	1.8	30
43	Prothymosin alpha protects cardiomyocytes against ischemia-induced apoptosis via preservation of Akt activation. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2013, 18, 1252-1261.	2.2	30
44	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. <i>Cardiovascular Research</i> , 2015, 107, 431-441.	1.8	27
45	Integrity of the Antiviral STING-mediated DNA Sensing in Tumor Cells Is Required to Sustain the Immunotherapeutic Efficacy of Herpes Simplex Oncolytic Virus. <i>Cancers</i> , 2020, 12, 3407.	1.7	26
46	Proteomic Signatures in Thapsigargin-Treated Hepatoma Cells. <i>Chemical Research in Toxicology</i> , 2011, 24, 1215-1222.	1.7	25
47	A long non-coding SINEUP RNA boosts semi-stable production of fully human monoclonal antibodies in HEK293E cells. <i>MAbs</i> , 2018, 10, 730-737.	2.6	25
48	A proteometabolomic study of Actinidia deliciosa fruit development. <i>Journal of Proteomics</i> , 2018, 172, 11-24.	1.2	25
49	Fe65 Is Not Involved in the Platelet-derived Growth Factor-induced Processing of Alzheimer's Amyloid Precursor Protein, Which Activates Its Caspase-directed Cleavage. <i>Journal of Biological Chemistry</i> , 2004, 279, 16161-16169.	1.6	24
50	Notch activation induces neurite remodeling and functional modifications in SH β 5Y neuronal cells. <i>Developmental Neurobiology</i> , 2009, 69, 378-391.	1.5	22
51	Increased anaerobic metabolism is a distinctive signature in a colorectal cancer cellular model of resistance to antiepidermal growth factor receptor antibody. <i>Proteomics</i> , 2013, 13, 866-877.	1.3	21
52	Retargeted and Multi-cytokine-Armed Herpes Virus Is a Potent Cancer Endovaccine for Local and Systemic Anti-tumor Treatment. <i>Molecular Therapy - Oncolytics</i> , 2020, 19, 253-264.	2.0	21
53	Replicative conditioning of Herpes simplex type 1 virus by Survivin promoter, combined to ERBB2 retargeting, improves tumour cell-restricted oncolysis. <i>Scientific Reports</i> , 2020, 10, 4307.	1.6	19
54	Mutation of the feh-1 gene, the Caenorhabditis elegans orthologue of mammalian Fe65, decreases the expression of two acetylcholinesterase genes. <i>European Journal of Neuroscience</i> , 2004, 20, 1483-1488.	1.2	18

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55	Fibromodulin Gene Transcription Is Induced by Ultraviolet Irradiation, and Its Regulation Is Impaired in Senescent Human Fibroblasts. <i>Journal of Biological Chemistry</i> , 2005, 280, 31809-31817.	1.6	18
56	The class I-specific HDAC inhibitor MS-275 modulates the differentiation potential of mouse embryonic stem cells. <i>Biology Open</i> , 2013, 2, 1070-1077.	0.6	17
57	Disclosing the Interaction of Carbonic Anhydrase IX with Cullin-Associated NEDD8-Dissociated Protein 1 by Molecular Modeling and Integrated Binding Measurements. <i>ACS Chemical Biology</i> , 2017, 12, 1460-1465.	1.6	17
58	Isolation of cDNA Fragments Hybridizing to Rat Brain-Specific mRNAs. <i>Developmental Neuroscience</i> , 1990, 12, 373-381.	1.0	16
59	One-Step Recovery of scFv Clones from High-Throughput Sequencing-Based Screening of Phage Display Libraries Challenged to Cells Expressing Native Claudin-1. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	16
60	Novel human anti-claudin 1 mAbs inhibit hepatitis C virus infection and may synergize with anti-SRB1 mAb. <i>Journal of General Virology</i> , 2016, 97, 82-94.	1.3	16
61	Transcriptional Regulation of <i>ncx1</i> Gene in the Brain. <i>Advances in Experimental Medicine and Biology</i> , 2013, 961, 137-145.	0.8	14
62	High-Throughput Monoclonal Antibody Discovery from Phage Libraries: Challenging the Current Preclinical Pipeline to Keep the Pace with the Increasing mAb Demand. <i>Cancers</i> , 2022, 14, 1325.	1.7	14
63	Changes of the Hepatic Proteome in Hepatitis B-Infected Mouse Model at Early Stages of Fibrosis. <i>Journal of Proteome Research</i> , 2008, 7, 2642-2653.	1.8	13
64	Celiac Anti-Type 2 Transglutaminase Antibodies Induce Phosphoproteome Modification in Intestinal Epithelial Caco-2 Cells. <i>PLoS ONE</i> , 2013, 8, e84403.	1.1	13
65	Novel human neutralizing mAbs specific for Spike-RBD of SARS-CoV-2. <i>Scientific Reports</i> , 2021, 11, 11046.	1.6	13
66	FKBP51s signature in peripheral blood mononuclear cells of melanoma patients as a possible predictive factor for immunotherapy. <i>Cancer Immunology, Immunotherapy</i> , 2017, 66, 1143-1151.	2.0	12
67	Isolation of Two Novel Human Anti-CTLA-4 mAbs with Intriguing Biological Properties on Tumor and NK Cells. <i>Cancers</i> , 2020, 12, 2204.	1.7	12
68	Immunomodulatory mAbs as Tools to Investigate on Cis-Interaction of PD-1/PD-L1 on Tumor Cells and to Set Up Methods for Early Screening of Safe and Potent Combinatorial Treatments. <i>Cancers</i> , 2021, 13, 2858.	1.7	12
69	Binding of Carbonic Anhydrase IX to 45S rDNA Genes Is Prevented by Exportin-1 in Hypoxic Cells. <i>BioMed Research International</i> , 2015, 2015, 1-10.	0.9	11
70	Revealing membrane alteration in cells overexpressing CA IX and EGFR by Surface-Enhanced Raman Scattering. <i>Scientific Reports</i> , 2019, 9, 1832.	1.6	10
71	Proteins Implicated In Alzheimer Disease. <i>Advances in Experimental Medicine and Biology</i> , 1998, , 161-180.	0.8	10
72	Proteomic Alterations in Response to Hypoxia Inducible Factor 2 α in Normoxic Neuroblastoma Cells. <i>Journal of Proteome Research</i> , 2016, 15, 3643-3655.	1.8	9

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73	Rapid Affinity Maturation of Novel Anti-PD-L1 Antibodies by a Fast Drop of the Antigen Concentration and FACS Selection of Yeast Libraries. <i>BioMed Research International</i> , 2019, 2019, 1-22.	0.9	9
74	Proteomic Characterization of a Mouse Model of Familial Danish Dementia. <i>Journal of Biomedicine and Biotechnology</i> , 2012, 2012, 1-8.	3.0	8
75	A Functional Analysis of the Unclassified Pro2767Ser BRCA2 Variant Reveals Its Potential Pathogenicity that Acts by Hampering DNA Binding and Homology-Mediated DNA Repair. <i>Cancers</i> , 2019, 11, 1454.	1.7	8
76	Receptor- and Non-Receptor Tyrosine Kinases Induce Processing of the Amyloid Precursor Protein: Role of the Low-Density Lipoprotein Receptor-Related Protein. <i>Neurodegenerative Diseases</i> , 2007, 4, 94-100.	0.8	7
77	Brivanib in combination with Notch3 silencing shows potent activity in tumour models. <i>British Journal of Cancer</i> , 2019, 120, 601-611.	2.9	7
78	Generation of a Novel Mesothelin-Targeted Oncolytic Herpes Virus and Implemented Strategies for Manufacturing. <i>International Journal of Molecular Sciences</i> , 2021, 22, 477.	1.8	7
79	Novel Combinations of Human Immunomodulatory mAbs Lacking Cardiotoxic Effects for Therapy of TNBC. <i>Cancers</i> , 2022, 14, 121.	1.7	7
80	A Differential Proteomic Approach Reveals an Evolutionary Conserved Regulation of Nme Proteins by Fe65 in <i>C.Ælegans</i> and Mouse. <i>Neurochemical Research</i> , 2008, 33, 2547-2555.	1.6	5
81	Atorvastatin Sensitises Vascular Smooth Muscle Cells, but not Endothelial Cells, to TNF- α -induced Cell Death. <i>Current Pharmaceutical Design</i> , 2012, 18, 6331-6338.	0.9	5
82	Generation of a Retargeted Oncolytic Herpes Virus Encoding Adenosine Deaminase for Tumor Adenosine Clearance. <i>International Journal of Molecular Sciences</i> , 2021, 22, 13521.	1.8	5
83	Proteomic Analysis of Sera from Common Variable Immunodeficiency Patients Undergoing Replacement Intravenous Immunoglobulin Therapy. <i>Journal of Biomedicine and Biotechnology</i> , 2011, 2011, 1-10.	3.0	4
84	A Novel Human Neutralizing mAb Recognizes Delta, Gamma and Omicron Variants of SARS-CoV-2 and Can Be Used in Combination with Sotrovimab. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5556.	1.8	3
85	Inhibition of <i>PID1/NYGGF4/PCL11</i> gene expression highlights its role in the early events of the cell cycle in NIH3T3 fibroblasts. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2016, 31, 45-53.	2.5	2
86	A Long Acidic Domain Affects the Chromatographic Behaviour of a Neuronal Adaptor Protein on DEAE-Sepharose. <i>Bioscience, Biotechnology and Biochemistry</i> , 2003, 67, 2048-2050.	0.6	1
87	MPSA short communications. <i>The Protein Journal</i> , 1994, 13, 431-512.	1.1	0
88	Absence of germline mutations in exons 5-9 of the p53 gene in patients with Li-Fraumeni-like (SBLA) and familial adenomatous polyposis heritable cancer syndromes. <i>Cancer Genetics and Cytogenetics</i> , 1996, 90, 125-129.	1.0	0
89	Probing the Secondary Structure of a Recombinant Neuronal Adaptor Protein and Its Phosphotyrosine Binding Domains. <i>Bioscience, Biotechnology and Biochemistry</i> , 2005, 69, 2395-2400.	0.6	0
90	Editorial (Thematic Issue: Molecular Aspects of Cancer Resistance to Biological and Non- Biological) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5</i>	1.2	0

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91	INTERACTION OF THE AMYLOID PRECURSOR PROTEIN WITH PTB DOMAIN-CONTAINING ADAPTORS AND THEIR POTENTIAL INVOLVEMENT IN ALZHEIMER'S DISEASE. , 2002, , .		0