Nicola Zambrano

List of Publications by Year
in descending order

91 papers	4,325 citations	117571 34 h-index	110317 64 g-index
93 all docs	93 docs citations	93 times ranked	4551 citing authors

#	Article	IF	Citations
1	High-Throughput Monoclonal Antibody Discovery from Phage Libraries: Challenging the Current Preclinical Pipeline to Keep the Pace with the Increasing mAb Demand. Cancers, 2022, 14, 1325.	1.7	14
2	Novel Combinations of Human Immunomodulatory mAbs Lacking Cardiotoxic Effects for Therapy of TNBC. Cancers, 2022, 14, 121.	1.7	7
3	A Novel Human Neutralizing mAb Recognizes Delta, Gamma and Omicron Variants of SARS-CoV-2 and Can Be Used in Combination with Sotrovimab. International Journal of Molecular Sciences, 2022, 23, 5556.	1.8	3
4	Generation of a Novel Mesothelin-Targeted Oncolytic Herpes Virus and Implemented Strategies for Manufacturing. International Journal of Molecular Sciences, 2021, 22, 477.	1.8	7
5	Novel human neutralizing mAbs specific for Spike-RBD of SARS-CoV-2. Scientific Reports, 2021, 11, 11046.	1.6	13
6	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. Cancers, 2021, 13, 2858.	1.7	12
7	Generation of a Retargeted Oncolytic Herpes Virus Encoding Adenosine Deaminase for Tumor Adenosine Clearance. International Journal of Molecular Sciences, 2021, 22, 13521.	1.8	5
8	Retargeted and Multi-cytokine-Armed Herpes Virus Is a Potent Cancer Endovaccine for Local and Systemic Anti-tumor Treatment. Molecular Therapy - Oncolytics, 2020, 19, 253-264.	2.0	21
9	Integrity of the Antiviral STING-mediated DNA Sensing in Tumor Cells Is Required to Sustain the Immunotherapeutic Efficacy of Herpes Simplex Oncolytic Virus. Cancers, 2020, 12, 3407.	1.7	26
10	New viral vectors for infectious diseases and cancer. Seminars in Immunology, 2020, 50, 101430.	2.7	55
11	Isolation of Two Novel Human Anti-CTLA-4 mAbs with Intriguing Biological Properties on Tumor and NK Cells. Cancers, 2020, 12, 2204.	1.7	12
12	Replicative conditioning of Herpes simplex type 1 virus by Survivin promoter, combined to ERBB2 retargeting, improves tumour cell-restricted oncolysis. Scientific Reports, 2020, 10, 4307.	1.6	19
13	A Functional Analysis of the Unclassified Pro2767Ser BRCA2 Variant Reveals Its Potential Pathogenicity that Acts by Hampering DNA Binding and Homology-Mediated DNA Repair. Cancers, 2019, 11, 1454.	1.7	8
14	Unveiling Kiwifruit Metabolite and Protein Changes in the Course of Postharvest Cold Storage. Frontiers in Plant Science, 2019, 10, 71.	1.7	34
15	Brivanib in combination with Notch3 silencing shows potent activity in tumour models. British Journal of Cancer, 2019, 120, 601-611.	2.9	7
16	Revealing membrane alteration in cells overexpressing CA IX and EGFR by Surface-Enhanced Raman Scattering. Scientific Reports, 2019, 9, 1832.	1.6	10
17	Rapid Affinity Maturation of Novel Anti-PD-L1 Antibodies by a Fast Drop of the Antigen Concentration and FACS Selection of Yeast Libraries. BioMed Research International, 2019, 2019, 1-22.	0.9	9
18	A long non-coding SINEUP RNA boosts semi-stable production of fully human monoclonal antibodies in HEK293E cells. MAbs, 2018, 10, 730-737.	2.6	25

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19	A proteometabolomic study of Actinidia deliciosa fruit development. Journal of Proteomics, 2018, 172, 11-24.	1.2	25
20	Massive parallel screening of phage libraries for the generation of repertoires of human immunomodulatory monoclonal antibodies. MAbs, 2018, 10, 1-13.	2.6	31
21	Chloroplast proteome response to drought stress and recovery in tomato (Solanum lycopersicum L.). BMC Plant Biology, 2017, 17, 40.	1.6	107
22	Disclosing the Interaction of Carbonic Anhydrase IX with Cullin-Associated NEDD8-Dissociated Protein 1 by Molecular Modeling and Integrated Binding Measurements. ACS Chemical Biology, 2017, 12, 1460-1465.	1.6	17
23	Differential representation of albumins and globulins during grain development in durum wheat and its possible functional consequences. Journal of Proteomics, 2017, 162, 86-98.	1.2	31
24	FKBP51s signature in peripheral blood mononuclear cells of melanoma patients as a possible predictive factor for immunotherapy. Cancer Immunology, Immunotherapy, 2017, 66, 1143-1151.	2.0	12
25	Urokinase-type plasminogen activator receptor (uPAR) expression enhances invasion and metastasis in RAS mutated tumors. Scientific Reports, 2017, 7, 9388.	1.6	56
26	Identification of a microRNA (miR-663a) induced by ER stress and its target gene PLOD3 by a combined microRNome and proteome approach. Cell Biology and Toxicology, 2016, 32, 285-303.	2.4	33
27	Proteomic Alterations in Response to Hypoxia Inducible Factor 2Î± in Normoxic Neuroblastoma Cells. Journal of Proteome Research, 2016, 15, 3643-3655.	1.8	9
28	Inhibition of PID1/NYGGF4/PCLI1 gene expression highlights its role in the early events of the cell cycle in NIH3T3 fibroblasts. Journal of Enzyme Inhibition and Medicinal Chemistry, 2016, 31, 45-53.	2.5	2
29	Novel human anti-claudin 1 mAbs inhibit hepatitis C virus infection and may synergize with anti-SRB1 mAb. Journal of General Virology, 2016, 97, 82-94.	1.3	16
30	One-Step Recovery of scFv Clones from High-Throughput Sequencing-Based Screening of Phage Display Libraries Challenged to Cells Expressing Native Claudin-1. BioMed Research International, 2015, 2015, 1-9.	0.9	16
31	Binding of Carbonic Anhydrase IX to 45S rDNA Genes Is Prevented by Exportin-1 in Hypoxic Cells. BioMed Research International, 2015, 2015, 1-10.	0.9	11
32	Dermcidin: a skeletal muscle myokine modulating cardiomyocyte survival and infarct size after coronary artery ligation. Cardiovascular Research, 2015, 107, 431-441.	1.8	27
33	In Vitro and In Vivo Models for Analysis of Resistance to Anticancer Molecular Therapies. Current Medicinal Chemistry, 2014, 21, 1595-1606.	1.2	52
34	Editorial (Thematic Issue: Molecular Aspects of Cancer Resistance to Biological and Non- Biological) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.2	0
35	Histopathological Determinants of Tumor Resistance: A Special Look to the Immunohistochemical Expression of Carbonic Anhydrase IX in Human Cancers. Current Medicinal Chemistry, 2014, 21, 1569-1582.	1.2	34
36	Identification of miRâ€494 direct targets involved in senescence of human diploid fibroblasts. FASEB Journal, 2014, 28, 3720-3733.	0.2	34

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37	Prothymosin alpha protects cardiomyocytes against ischemia-induced apoptosis via preservation of Akt activation. Apoptosis: an International Journal on Programmed Cell Death, 2013, 18, 1252-1261.	2.2	30
38	Transcriptional Regulation of ncx1 Gene in the Brain. Advances in Experimental Medicine and Biology, 2013, 961, 137-145.	0.8	14
39	Characterization of Carbonic Anhydrase IX Interactome Reveals Proteins Assisting Its Nuclear Localization in Hypoxic Cells. Journal of Proteome Research, 2013, 12, 282-292.	1.8	43
40	Increased anaerobic metabolism is a distinctive signature in a colorectal cancer cellular model of resistance to antiepidermal growth factor receptor antibody. Proteomics, 2013, 13, 866-877.	1.3	21
41	The class I-specific HDAC inhibitor MS-275 modulates the differentiation potential of mouse embryonic stem cells. Biology Open, 2013, 2, 1070-1077.	0.6	17
42	Celiac Anti-Type 2 Transglutaminase Antibodies Induce Phosphoproteome Modification in Intestinal Epithelial Caco-2 Cells. PLoS ONE, 2013, 8, e84403.	1.1	13
43	Proteomic Characterization of a Mouse Model of Familial Danish Dementia. Journal of Biomedicine and Biotechnology, 2012, 2012, 1-8.	3.0	8
44	Atorvastatin Sensitises Vascular Smooth Muscle Cells, but not Endothelial Cells, to TNF-α-induced Cell Death. Current Pharmaceutical Design, 2012, 18, 6331-6338.	0.9	5
45	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. Journal of Proteome Research, 2012, 11, 3358-3369.	1.8	53
46	Proteomic Signatures in Thapsigargin-Treated Hepatoma Cells. Chemical Research in Toxicology, 2011, 24, 1215-1222.	1.7	25
47	NCX1 Is a Novel Target Gene for Hypoxia-Inducible Factor-1 in Ischemic Brain Preconditioning. Stroke, 2011, 42, 754-763.	1.0	67
48	Proteomic Analysis of Sera from Common Variable Immunodeficiency Patients Undergoing Replacement Intravenous Immunoglobulin Therapy. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-10.	3.0	4
49	Identification of a Hormone-regulated Dynamic Nuclear Actin Network Associated with Estrogen Receptor Î± in Human Breast Cancer Cell Nuclei. Molecular and Cellular Proteomics, 2010, 9, 1352-1367.	2.5	59
50	Phosphorylation of a Tyrosine in the Amyloid-Î² Protein Precursor Intracellular Domain Inhibits Fe65 Binding and Signaling. Journal of Alzheimer's Disease, 2009, 16, 301-307.	1.2	32
51	Notch activation induces neurite remodeling and functional modifications in SHâ€5Y5Y neuronal cells. Developmental Neurobiology, 2009, 69, 378-391.	1.5	22
52	A Differential Proteomic Approach Reveals an Evolutionary Conserved Regulation of Nme Proteins by Fe65 in C.Âelegans and Mouse. Neurochemical Research, 2008, 33, 2547-2555.	1.6	5
53	Changes of the Hepatic Proteome in Hepatitis B-Infected Mouse Model at Early Stages of Fibrosis. Journal of Proteome Research, 2008, 7, 2642-2653.	1.8	13
54	Essential Roles for Fe65, Alzheimer Amyloid Precursor-binding Protein, in the Cellular Response to DNA Damage. Journal of Biological Chemistry, 2007, 282, 831-835.	1.6	45

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55	Receptor- and Non-Receptor Tyrosine Kinases Induce Processing of the Amyloid Precursor Protein: Role of the Low-Density Lipoprotein Receptor-Related Protein. Neurodegenerative Diseases, 2007, 4, 94-100.	0.8	7
56	Identification of the Ligands of Protein Interaction Domains through a Functional Approach. Molecular and Cellular Proteomics, 2007, 6, 333-345.	2.5	30
57	Comparative Proteomic Expression Profile in All-transRetinoic Acid Differentiated Neuroblastoma Cell Line. Journal of Proteome Research, 2007, 6, 2550-2564.	1.8	30
58	Transcription regulation by the adaptor protein Fe65 and the nucleosome assembly factor SET. EMBO Reports, 2005, 6, 77-82.	2.0	86
59	Fibromodulin Gene Transcription Is Induced by Ultraviolet Irradiation, and Its Regulation Is Impaired in Senescent Human Fibroblasts. Journal of Biological Chemistry, 2005, 280, 31809-31817.	1.6	18
60	Probing the Secondary Structure of a Recombinant Neuronal Adaptor Protein and Its Phosphotyrosine Binding Domains. Bioscience, Biotechnology and Biochemistry, 2005, 69, 2395-2400.	0.6	0
61	Interaction of Tau with Fe65 links tau to APP. Neurobiology of Disease, 2005, 18, 399-408.	2.1	35
62	Fe65 Is Not Involved in the Platelet-derived Growth Factor-induced Processing of Alzheimer's Amyloid Precursor Protein, Which Activates Its Caspase-directed Cleavage. Journal of Biological Chemistry, 2004, 279, 16161-16169.	1.6	24
63	Mutation of the feh-1 gene, the Caenorhabditis elegans orthologue of mammalian Fe65, decreases the expression of two acetylcholinesterase genes. European Journal of Neuroscience, 2004, 20, 1483-1488.	1.2	18
64	Platelet-derived Growth Factor Induces the Î²-Î³-Secretase-mediated Cleavage of Alzheimer's Amyloid Precursor Protein through a Src-Rac-dependent Pathway. Journal of Biological Chemistry, 2003, 278, 9290-9297.	1.6	73
65	A Long Acidic Domain Affects the Chromatographic Behaviour of a Neuronal Adaptor Protein on DEAE-Sepharose. Bioscience, Biotechnology and Biochemistry, 2003, 67, 2048-2050.	0.6	1
66	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. Journal of Biological Chemistry, 2002, 277, 35282-35288.	1.6	110
67	Fe65, a Ligand of the Alzheimer's Î²-Amyloid Precursor Protein, Blocks Cell Cycle Progression by Down-regulating Thymidylate Synthase Expression. Journal of Biological Chemistry, 2002, 277, 35481-35488.	1.6	70
68	Evidence for a role of the nerve growth factor receptor TrkA in tyrosine phosphorylation and processing of Î²-APP. Biochemical and Biophysical Research Communications, 2002, 295, 324-329.	1.0	45
69	Signal Transduction through Tyrosineâ€Phosphorylated Carboxyâ€Terminal Fragments of APP via an Enhanced Interaction with Shc/Grb2 Adaptor Proteins in Reactive Astrocytes of Alzheimer's Disease Brain. Annals of the New York Academy of Sciences, 2002, 973, 323-333.	1.8	34
70	feh-1 and apl-1, the Caenorhabditis elegansorthologues of mammalian Fe65 and Î²-amyloid precursor protein genes, are involved in the same pathway that controls nematode pharyngeal pumping. Journal of Cell Science, 2002, 115, 1411-1422.	1.2	42
71	INTERACTION OF THE AMYLOID PRECURSOR PROTEIN WITH PTB DOMAIN-CONTAINING ADAPTORS AND THEIR POTENTIAL INVOLVEMENT IN ALZHEIMER'S DISEASE. , 2002, , .		0
72	feh-1 and apl-1, the Caenorhabditis elegans orthologues of mammalian Fe65 and beta-amyloid precursor protein genes, are involved in the same pathway that controls nematode pharyngeal pumping. Journal of Cell Science, 2002, 115, 1411-22.	1.2	36

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73	The Î²-Amyloid Precursor Protein APP Is Tyrosine-phosphorylated in Cells Expressing a Constitutively Active Form of the Abl Protoncogene. Journal of Biological Chemistry, 2001, 276, 19787-19792.	1.6	111
74	Nerve Growth Factor Inhibits Apoptosis in Memory B Lymphocytes via Inactivation of p38 MAPK, Prevention of Bcl-2 Phosphorylation, and Cytochrome c Release. Journal of Biological Chemistry, 2001, 276, 39027-39036.	1.6	106
75	The Î²-Amyloid Precursor Protein Functions as a Cytosolic Anchoring Site That Prevents Fe65 Nuclear Translocation. Journal of Biological Chemistry, 2001, 276, 6545-6550.	1.6	120
76	Fe65 and the protein network centered around the cytosolic domain of the Alzheimer's Î²-amyloid precursor protein. FEBS Letters, 1998, 434, 1-7.	1.3	106
77	The Fe65 Adaptor Protein Interacts through Its PID1 Domain with the Transcription Factor CP2/LSF/LBP1. Journal of Biological Chemistry, 1998, 273, 20128-20133.	1.6	133
78	Fe65L2: a new member of the Fe65 protein family interacting with the intracellular domain of the Alzheimer's Î²-amyloid precursor protein. Biochemical Journal, 1998, 330, 513-519.	1.7	91
79	Proteins Implicated In Alzheimer Disease. Advances in Experimental Medicine and Biology, 1998, , 161-180.	0.8	10
80	Interaction of the Phosphotyrosine Interaction/Phosphotyrosine Binding-related Domains of Fe65 with Wild-type and Mutant Alzheimer's Î²-Amyloid Precursor Proteins. Journal of Biological Chemistry, 1997, 272, 6399-6405.	1.6	141
81	The WW Domain of Neural Protein FE65 Interacts with Proline-rich Motifs in Mena, the Mammalian Homolog of DrosophilaEnabled. Journal of Biological Chemistry, 1997, 272, 32869-32877.	1.6	217
82	DNA-binding protein Pur Î± and transcription factor YY1 function as transcription activators of the neuron-specific FE65 gene promoter. Biochemical Journal, 1997, 328, 293-300.	1.7	67
83	Absence of germline mutations in exons 5â€“9 of the p53 gene in patients with Li-Fraumeni-like (SBLA) and familial adenomatous polyposis heritable cancer syndromes. Cancer Genetics and Cytogenetics, 1996, 90, 125-129.	1.0	0
84	Four p53 DNA-binding domain peptides bind natural p53-response elements and bend the DNA.. Proceedings of the National Academy of Sciences of the United States of America, 1995, 92, 8591-8595.	3.3	132
85	A p53-independent Pathway for Activation of WAF1/CIP1 Expression Following Oxidative Stress. Journal of Biological Chemistry, 1995, 270, 29386-29391.	1.6	213
86	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. Journal of Biological Chemistry, 1995, 270, 30853-30856.	1.6	270
87	High-resolution structure of the oligomerization domain of p53 by multidimensional NMR. Science, 1994, 265, 386-391.	6.0	311
88	MPSA short communications. The Protein Journal, 1994, 13, 431-512.	1.1	0
89	Identification of a binding site for the human immunodeficiency virus type 1 nucleocapsid protein.. Proceedings of the National Academy of Sciences of the United States of America, 1993, 90, 5219-5223.	3.3	172
90	A rat brain mRNA encoding a transcriptional activator homologous to the DNA binding domain of retroviral integrases. Nucleic Acids Research, 1991, 19, 5269-5274.	6.5	95

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91	Isolation of cDNA Fragments Hybridizing to Rat Brain-Specific mRNAs. Developmental Neuroscience, 1990, 12, 373-381.	1.0	16