

Massimo Sanchez

List of Publications by Year in descending order

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118
papers

5,292
citations

87888

38
h-index

91884

69
g-index

120
all docs

120
docs citations

120
times ranked

9875
citing authors

#	ARTICLE	IF	CITATIONS
1	Probiotics Ameliorate Recurrent Th1-Mediated Murine Colitis by Inducing IL-10 and IL-10-Dependent TGF- β -Bearing Regulatory Cells. <i>Journal of Immunology</i> , 2005, 174, 3237-3246.	0.8	480
2	Somatically acquired <i>JAK1</i> mutations in adult acute lymphoblastic leukemia. <i>Journal of Experimental Medicine</i> , 2008, 205, 751-758.	8.5	318
3	Cyclophosphamide Synergizes with Type I Interferons through Systemic Dendritic Cell Reactivation and Induction of Immunogenic Tumor Apoptosis. <i>Cancer Research</i> , 2011, 71, 768-778.	0.9	304
4	Protein Export Marks the Early Phase of Gametocytogenesis of the Human Malaria Parasite <i>Plasmodium falciparum</i> . <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1437-1448.	3.8	228
5	GATA-1 as a Regulator of Mast Cell Differentiation Revealed by the Phenotype of the GATA-1low Mouse Mutant. <i>Journal of Experimental Medicine</i> , 2003, 197, 281-296.	8.5	203
6	Inhibition of Smad7 With a Specific Antisense Oligonucleotide Facilitates TGF- β 1-Mediated Suppression of Colitis. <i>Gastroenterology</i> , 2006, 131, 1786-1798.	1.3	182
7	Estrogen receptor profiles in human peripheral blood lymphocytes. <i>Immunology Letters</i> , 2010, 132, 79-85.	2.5	157
8	T lymphocytes from patients with systemic lupus erythematosus are resistant to induction of autophagy. <i>FASEB Journal</i> , 2012, 26, 4722-4732.	0.5	138
9	IL-33 restricts tumor growth and inhibits pulmonary metastasis in melanoma-bearing mice through eosinophils. <i>Oncolmmunology</i> , 2017, 6, e1317420.	4.6	137
10	Activating mutations in RRAS underlie a phenotype within the RASopathy spectrum and contribute to leukaemogenesis. <i>Human Molecular Genetics</i> , 2014, 23, 4315-4327.	2.9	114
11	Induction of macrophage-derived chemokine/CCL22 expression in experimental autoimmune encephalomyelitis and cultured microglia: implications for disease regulation. <i>Journal of Neuroimmunology</i> , 2002, 130, 10-21.	2.3	112
12	Type I IFNs Control Antigen Retention and Survival of CD8 $^{+}$ Dendritic Cells after Uptake of Tumor Apoptotic Cells Leading to Cross-Priming. <i>Journal of Immunology</i> , 2011, 186, 5142-5150.	0.8	110
13	Acidic microenvironment plays a key role in human melanoma progression through a sustained exosome mediated transfer of clinically relevant metastatic molecules. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 245.	8.6	104
14	Mitochondria hyperpolarization is an early event in oxidized low-density lipoprotein-induced apoptosis in Caco-2 intestinal cells. <i>FEBS Letters</i> , 2002, 523, 200-206.	2.8	99
15	Eicosapentaenoic acid stimulates the expression of myelin proteins in rat brain. <i>Journal of Neuroscience Research</i> , 2008, 86, 776-784.	2.9	91
16	Identification and characterization of a bipotent (erythroid and megakaryocytic) cell precursor from the spleen of phenylhydrazine-treated mice. <i>Blood</i> , 2000, 95, 2559-2568.	1.4	81
17	A Transient Breach in the Epithelial Barrier Leads to Regulatory T-Cell Generation and Resistance to Experimental Colitis. <i>Gastroenterology</i> , 2008, 135, 1612-1623.e5.	1.3	81
18	Humanized Culture Medium for Clinical Expansion of Human Erythroblasts. <i>Cell Transplantation</i> , 2010, 19, 453-469.	2.5	73

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19	Diet, Lipids and Brain Development. <i>Developmental Neuroscience</i> , 2000, 22, 481-487.	2.0	72
20	Human OX40 tunes the function of regulatory T cells in tumor and nontumor areas of hepatitis C virus-infected liver tissue. <i>Hepatology</i> , 2014, 60, 1494-1507.	7.3	70
21	Autoantibodies to estrogen receptor α interfere with T lymphocyte homeostasis and are associated with disease activity in systemic lupus erythematosus. <i>Arthritis and Rheumatism</i> , 2012, 64, 778-787.	6.7	68
22	Dysregulation of EGFR Pathway in EphA2 Cell Subpopulation Significantly Associates with Poor Prognosis in Colorectal Cancer. <i>Clinical Cancer Research</i> , 2017, 23, 159-170.	7.0	65
23	Induction of apoptosis in Caco-2 cells by wheat gliadin peptides. <i>Toxicology</i> , 2000, 145, 63-71.	4.2	62
24	Accentuated response to phenylhydrazine and erythropoietin in mice genetically impaired for their GATA-1 expression (GATA-1 ^{low} mice). <i>Blood</i> , 2001, 97, 3040-3050.	1.4	62
25	IFN- γ amplifies human naïve B cell TLR-9-mediated activation and Ig production. <i>Journal of Leukocyte Biology</i> , 2009, 86, 261-271.	3.3	59
26	Reversible inhibition of a thyroid-specific trans-acting factor by Ras.. <i>Genes and Development</i> , 1991, 5, 22-28.	5.9	57
27	Oxidised LDL modulate adipogenesis in 3T3-L1 preadipocytes by affecting the balance between cell proliferation and differentiation. <i>FEBS Letters</i> , 2006, 580, 2421-2429.	2.8	56
28	IRF-1 deficiency skews the differentiation of dendritic cells toward plasmacytoid and tolerogenic features. <i>Journal of Leukocyte Biology</i> , 2006, 80, 1500-1511.	3.3	50
29	The hypomorphic Gata1 ^{low} mutation alters the proliferation/differentiation potential of the common megakaryocytic-erythroid progenitor. <i>Blood</i> , 2007, 109, 1460-1471.	1.4	48
30	IRF-8 Controls Melanoma Progression by Regulating the Cross Talk between Cancer and Immune Cells within the Tumor Microenvironment. <i>Neoplasia</i> , 2012, 14, 1223-1234.	5.3	48
31	A multidisciplinary study using <i>in vivo</i> tumor models and microfluidic cell-on-chip approach to explore the cross-talk between cancer and immune cells. <i>Journal of Immunotoxicology</i> , 2014, 11, 337-346.	1.7	48
32	CDK1 phosphorylates WRN at collapsed replication forks. <i>Nature Communications</i> , 2016, 7, 12880.	12.8	48
33	The lectin-like oxidized LDL receptor-1: a new potential molecular target in colorectal cancer. <i>Oncotarget</i> , 2016, 7, 14765-14780.	1.8	45
34	Stable and unstable transgene integration sites in the human genome: extinction of the Green Fluorescent Protein transgene in K562 cells. <i>Gene</i> , 2000, 256, 197-214.	2.2	43
35	ATM pathway activation limits R-loop-associated genomic instability in Werner syndrome cells. <i>Nucleic Acids Research</i> , 2019, 47, 3485-3502.	14.5	43
36	Increased CD8 + T-Cell Expression and a Type 2 Cytokine Pattern during the Muscular Phase of Trichinella Infection in Humans. <i>Infection and Immunity</i> , 2002, 70, 233-239.	2.2	43

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37	Set regulation in asexual and sexual Plasmodium parasites reveals a novel mechanism of stage-specific expression. <i>Molecular Microbiology</i> , 2006, 60, 870-882.	2.5	42
38	HIV-1 Nef regulates the release of superoxide anions from human macrophages. <i>Biochemical Journal</i> , 2005, 390, 591-602.	3.7	41
39	Nod2 deficiency is associated with an increased mucosal immunoregulatory response to commensal microorganisms. <i>Mucosal Immunology</i> , 2014, 7, 391-404.	6.0	41
40	The Natural Agonist of Estrogen Receptor $\hat{1}^2$ Silibinin Plays an Immunosuppressive Role Representing a Potential Therapeutic Tool in Rheumatoid Arthritis. <i>Frontiers in Immunology</i> , 2018, 9, 1903.	4.8	39
41	Reactivation of thyroglobulin gene expression in transformed thyroid cells by 5-azacytidine. <i>Cell</i> , 1989, 58, 1135-1142.	28.9	38
42	Effect of arachidonic, eicosapentaenoic and docosahexaenoic acids on the oxidative status of C6 glioma cells. <i>Free Radical Research</i> , 2005, 39, 865-874.	3.3	35
43	Under HEMA conditions, self-replication of human erythroblasts is limited by autophagic death. <i>Blood Cells, Molecules, and Diseases</i> , 2011, 47, 182-197.	1.4	35
44	EphB2 stem-related and EphA2 progression-related miRNA-based networks in progressive stages of CRC evolution: clinical significance and potential miRNA drivers. <i>Molecular Cancer</i> , 2018, 17, 169.	19.2	34
45	Loss of MUTYH function in human cells leads to accumulation of oxidative damage and genetic instability. <i>Oncogene</i> , 2013, 32, 4500-4508.	5.9	33
46	Can sustained exposure to PFAS trigger a genotoxic response? A comprehensive genotoxicity assessment in mice after subacute oral administration of PFOA and PFBA. <i>Regulatory Toxicology and Pharmacology</i> , 2019, 106, 169-177.	2.7	33
47	Expression and role of phosphatidylcholine-specific phospholipase C in human NK and T lymphocyte subsets. <i>European Journal of Immunology</i> , 2006, 36, 3277-3287.	2.9	30
48	Cholera Toxin and <i>Escherichia coli</i> Heat-Labile Enterotoxin, but Not Their Nontoxic Counterparts, Improve the Antigen-Presenting Cell Function of Human B Lymphocytes. <i>Infection and Immunity</i> , 2009, 77, 1924-1935.	2.2	29
49	Phosphorylation by CK2 regulates MUS81/EME1 in mitosis and after replication stress. <i>Nucleic Acids Research</i> , 2018, 46, 5109-5124.	14.5	29
50	Stimulation of myelin proteolipid protein gene expression by eicosapentaenoic acid in C6 glioma cells. <i>Neurochemistry International</i> , 2004, 44, 331-338.	3.8	28
51	Accelerated Myelinogenesis by Dietary Lipids in Rat Brain. <i>Journal of Neurochemistry</i> , 1996, 67, 1744-1750.	3.9	27
52	Effects of aloe emodin on U87MG glioblastoma cell growth: In vitro and in vivo study. <i>Environmental Toxicology</i> , 2018, 33, 1160-1167.	4.0	27
53	Gata1 expression driven by the alternative HS2 enhancer in the spleen rescues the hematopoietic failure induced by the hypomorphic Gata1 ^{low} mutation. <i>Blood</i> , 2009, 114, 2107-2120.	1.4	26
54	miR-146a controls CXCR4 expression in a pathway that involves PLZF and can be used to inhibit HIV-1 infection of CD4 ⁺ T lymphocytes. <i>Virology</i> , 2015, 478, 27-38.	2.4	26

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55	Differential Amplification of Murine Bipotent Megakaryocytic/Erythroid Progenitor and Precursor Cells During Recovery from Acute and Chronic Erythroid Stress. <i>Stem Cells</i> , 2006, 24, 337-348.	3.2	25
56	IFN- γ potentiates the direct and immune-mediated antitumor effects of epigenetic drugs on both metastatic and stem cells of colorectal cancer. <i>Oncotarget</i> , 2016, 7, 26361-26373.	1.8	25
57	HIV-1 Nef impairs the dynamic of DC/NK crosstalk: different outcome of CD56 dim and CD56 bright NK cell subsets. <i>FASEB Journal</i> , 2007, 21, 2323-2334.	0.5	24
58	Novel allergic asthma model demonstrates ST2-dependent dendritic cell targeting by cypress pollen. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 686-695.e7.	2.9	22
59	Ethyl-eicosapentaenoic acid ameliorates the clinical course of experimental allergic encephalomyelitis induced in dark agouti rats. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 1645-1654.	4.2	21
60	Mycobacterium tuberculosis PstS1 amplifies IFN- β and induces IL-17/IL-22 responses by unrelated memory CD4 ⁺ T cells via dendritic cell activation. <i>European Journal of Immunology</i> , 2013, 43, 2386-2397.	2.9	21
61	HIV-1 Nef induces p47 ^{phox} phosphorylation leading to a rapid superoxide anion release from the U937 human monoblastic cell line. <i>Journal of Cellular Biochemistry</i> , 2009, 106, 812-822.	2.6	20
62	A Perturbed MicroRNA Expression Pattern Characterizes Embryonic Neural Stem Cells Derived from a Severe Mouse Model of Spinal Muscular Atrophy (SMA). <i>International Journal of Molecular Sciences</i> , 2015, 16, 18312-18327.	4.1	20
63	SMA Human iPSC-Derived Motor Neurons Show Perturbed Differentiation and Reduced miR-335-5p Expression. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1231.	4.1	20
64	Effects of hispolon on glioblastoma cell growth. <i>Environmental Toxicology</i> , 2017, 32, 2113-2123.	4.0	20
65	Docosahexaenoic acid supplementation induces dose and time dependent oxidative changes in C6 glioma cells. <i>Free Radical Research</i> , 2007, 41, 748-756.	3.3	19
66	Lamina Propria CD4 ⁺ LAP ⁺ Regulatory T Cells Are Increased in Active Ulcerative Colitis but Show Increased IL-17 Expression and Reduced Suppressor Activity. <i>Journal of Crohn's and Colitis</i> , 2016, 10, 346-353.	1.3	19
67	Enzymatically active apurinic/apyrimidinic endodeoxyribonuclease 1 is released by mammalian cells through exosomes. <i>Journal of Biological Chemistry</i> , 2021, 296, 100569.	3.4	18
68	OxLDL induced p53-dependent apoptosis by activating p38MAPK and PKC δ signaling pathways in J774A.1 macrophage cells. <i>Journal of Molecular Cell Biology</i> , 2011, 3, 316-318.	3.3	17
69	Generation, Quantification, and Tracing of Metabolically Labeled Fluorescent Exosomes. <i>Methods in Molecular Biology</i> , 2016, 1448, 217-235.	0.9	17
70	Renal cancer: new models and approach for personalizing therapy. <i>Journal of Experimental and Clinical Cancer Research</i> , 2018, 37, 217.	8.6	17
71	Targeting Oncogenic Src Homology 2 Domain-Containing Phosphatase 2 (SHP2) by Inhibiting Its Protein-Protein Interactions. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 15973-15990.	6.4	17
72	Expression of type X collagen is transiently stimulated in redifferentiating chondrocytes pretreated with retinoic acid. <i>Biochemical Journal</i> , 1991, 276, 183-187.	3.7	16

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73	A 140-bp AT-rich sequence mediates positive and negative transcriptional control of a Plasmodium falciparum developmentally regulated promoter. International Journal for Parasitology, 2008, 38, 299-312.	3.1	16
74	Phenotypic Definition of the Progenitor Cells with Erythroid Differentiation Potential Present in Human Adult Blood. Stem Cells International, 2011, 2011, 1-9.	2.5	16
75	HIV-1 Nef Impairs Key Functional Activities in Human Macrophages through CD36 Downregulation. PLoS ONE, 2014, 9, e93699.	2.5	16
76	Mononuclear cells from a rare blood donor, after freezing under good manufacturing practice conditions, generate red blood cells that recapitulate the rare blood phenotype. Transfusion, 2014, 54, 1059-1070.	1.6	15
77	The role of cell adhesion in retinoic acid-induced modulation of chondrocyte phenotype. Biochemical Journal, 1996, 313, 201-206.	3.7	14
78	Recovery and Biodistribution of Ex Vivo Expanded Human Erythroblasts Injected into NOD/SCID/IL2R β null mice. Stem Cells International, 2011, 2011, 1-13.	2.5	14
79	Genetic instability in lymphoblastoid cell lines expressing biallelic and monoallelic variants in the human MUTYH gene. Human Molecular Genetics, 2014, 23, 3843-3852.	2.9	14
80	Identification of side population cells in mouse primordial germ cells and prenatal testis. International Journal of Developmental Biology, 2011, 55, 209-214.	0.6	13
81	A continuous line of chicken embryo cells derived from a chondrocyte culture infected with RSV. Cell Differentiation and Development, 1989, 27, 215-223.	0.4	12
82	β 2-Agonist clenbuterol hinders human monocyte differentiation into dendritic cells. Experimental Cell Research, 2015, 339, 163-173.	2.6	12
83	RNAi-mediated silencing of ABCD3 gene expression in rat C6 glial cells: A model system to study PMP70 function. Neurochemistry International, 2008, 52, 1106-1113.	3.8	11
84	Dynamic regulation of Gata1 expression during the maturation of conventional dendritic cells. Experimental Hematology, 2010, 38, 489-503.e1.	0.4	11
85	Strong SARS-CoV-2 N-Specific CD8+ T Immunity Induced by Engineered Extracellular Vesicles Associates with Protection from Lethal Infection in Mice. Viruses, 2022, 14, 329.	3.3	11
86	Reduced Plasma Levels of sCD14 and I-FABP in HIV-infected Patients with Mesalazine-treated Ulcerative Colitis. HIV Clinical Trials, 2016, 17, 49-54.	2.0	10
87	Functional analysis of POLD1 p.ser605del variant: the aging phenotype of MDPL syndrome is associated with an impaired DNA repair capacity. Aging, 2021, 13, 4926-4945.	3.1	10
88	Extinction and activation of the thyroglobulin promoter in hybrids of differentiated and transformed thyroid cells. Molecular and Cellular Biology, 1990, 10, 1033-1040.	2.3	9
89	Thymus-independent T-cell differentiation in vitro. British Journal of Haematology, 1998, 103, 1198-1205.	2.5	9
90	Characterization of the T cell receptor repertoire of neonatal T cells by RT-PCR and single strand conformation polymorphism analysis. Bone Marrow Transplantation, 2000, 26, 83-89.	2.4	9

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91	An altered redox balance and increased genetic instability characterize primary fibroblasts derived from xeroderma pigmentosum group A patients. <i>Mutation Research - Fundamental and Molecular Mechanisms of Mutagenesis</i> , 2015, 782, 34-43.	1.0	9
92	Dietary Prenatal Lipids Affect Myelin Gene Expression in Postnatal Undernourished Rats. <i>Nutritional Neuroscience</i> , 2002, 5, 243-250.	3.1	8
93	Multicentre Harmonisation of a Six-Colour Flow Cytometry Panel for Na ⁺ ve/Memory T Cell Immunomonitoring. <i>Journal of Immunology Research</i> , 2020, 2020, 1-15.	2.2	8
94	Cord Blood CD133 Cells Define an OV6-Positive Population That Can Be Differentiated In Vitro into Engraftable Bipotent Hepatic Progenitors. <i>Stem Cells and Development</i> , 2011, 20, 2009-2021.	2.1	7
95	Way out/way in: How the relationship between WRN and CDK1 may change the fate of collapsed replication forks. <i>Molecular and Cellular Oncology</i> , 2017, 4, e1268243.	0.7	7
96	Amplification of T cells from human cord blood in serum-deprived culture stimulated with stem cell factor, interleukin-7 and interleukin-2. <i>Bone Marrow Transplantation</i> , 2003, 31, 713-723.	2.4	6
97	CD3+CD4+LAP+Foxp3-Regulatory Cells of the Colonic Lamina Propria Limit Disease Extension in Ulcerative Colitis. <i>Frontiers in Immunology</i> , 2018, 9, 2511.	4.8	6
98	Identification and characterization of a bipotent (erythroid and megakaryocytic) cell precursor from the spleen of phenylhydrazine-treated mice. <i>Blood</i> , 2000, 95, 2559-2568.	1.4	6
99	Small Fragment Homologous Replacement: Evaluation of Factors Influencing Modification Efficiency in an Eukaryotic Assay System. <i>PLoS ONE</i> , 2012, 7, e30851.	2.5	6
100	Interferon Regulatory Factor 8-Deficiency Determines Massive Neutrophil Recruitment but T Cell Defect in Fast Growing Granulomas during Tuberculosis. <i>PLoS ONE</i> , 2013, 8, e62751.	2.5	6
101	TRANSPLANTATION AND CELLULAR ENGINEERING: Long-term storage does not alter functionality of in vitro generated human erythroblasts: implications for ex vivo generated erythroid transfusion products. <i>Transfusion</i> , 2009, 49, 2668-2679.	1.6	5
102	Natural substances to potentiate canonical glioblastoma chemotherapy. <i>Journal of Chemotherapy</i> , 2021, 33, 276-287.	1.5	5
103	Î± 2(I) collagen gene expression is up-regulated in quail chondrocytes pretreated with retinoic acid. <i>Biochemical Journal</i> , 1993, 295, 115-119.	3.7	4
104	Isolation of TPO-dependent subclones from the multipotent 32D cell line. <i>Blood Cells, Molecules, and Diseases</i> , 2005, 35, 241-252.	1.4	4
105	The forkhead box C1 (FOXC1) transcription factor is downregulated in acute promyelocytic leukemia. <i>Oncotarget</i> , 2017, 8, 84074-84085.	1.8	4
106	Tumor cells endowed with professional antigen-presenting cell functions prime PBLs to generate antitumor CTLs. <i>Journal of Molecular Medicine</i> , 2019, 97, 1139-1153.	3.9	4
107	Comparative effects between electronic cigarette and tobacco cigarette smoke on oxidative markers in cultured immune cells isolated from rats. <i>Annali Dell'Istituto Superiore Di Sanita</i> , 2018, 54, 300-307.	0.4	4
108	Activation of Anti-SARS-CoV-2 Human CTLs by Extracellular Vesicles Engineered with the N Viral Protein. <i>Vaccines</i> , 2022, 10, 1060.	4.4	4

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109	A cytofluorimetric analysis of a <i>Saccharomyces cerevisiae</i> population cultured in a fed-batch bioreactor. <i>PLoS ONE</i> , 2021, 16, e0248382.	2.5	3
110	CD146 expression regulates osteochondrogenic differentiation of human adipose-derived stem cells. <i>Journal of Cellular Physiology</i> , 2021, , .	4.1	3
111	TISSUE TRANSGLUTAMINASE EXPRESSION IN QUAIL EPIPHYSEAL CHONDROCYTES. <i>Cell Biology International</i> , 1999, 23, 41-49.	3.0	2
112	Inhibiting effect of <i>p</i> -Coumaric acid on U87MG human glioblastoma cell growth. <i>Journal of Chemotherapy</i> , 2022, 34, 173-183.	1.5	2
113	High Levels of CD44 Expression Identify Hematopoietic Cells Capable of Generating Great Numbers of Erythroid Cells Under HEMA Conditions. <i>Blood</i> , 2010, 116, 3349-3349.	1.4	2
114	The Myelinogenesis Process in Undernourished Rats Rehabilitated with Different Dietary Lipids. <i>Nutritional Neuroscience</i> , 2000, 3, 19-27.	3.1	1
115	The Gene Targeting Approach of Small Fragment Homologous Replacement (SFHR) Alters the Expression Patterns of DNA Repair and Cell Cycle Control Genes. <i>Molecular Therapy - Nucleic Acids</i> , 2016, 5, e304.	5.1	1
116	Combination of cord blood-derived human hepatic progenitors and hepatogenic factors strongly improves recovery after acute liver injury in mice through modulation of the Wnt/ β -catenin signaling. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2019, 13, 1031-1043.	2.7	1
117	Effects of Ontogeny, Ethnicity, Gender and Loss of Companion Cells on Ex-Vivo Expansion of Erythroid Cells for Transfusion. <i>Blood</i> , 2011, 118, 1261-1261.	1.4	1
118	$\alpha 1(I)$ collagen gene expression in quail epiphyseal chondrocytes. <i>Biochimie</i> , 2001, 83, 537-543.	2.6	0