Gloria Velasco

List of Publications by Year
in descending order

55 papers	7,456 citations	201674 27 h-index	189892 50 g-index
56 all docs	56 docs citations	56 times ranked	11445 citing authors

#	Article	IF	Citations
1	Genome Sequencing and Analysis Methods in Chronic Lymphocytic Leukemia. Methods in Molecular Biology, 2019, 1881, 319-325.	0.9	0
2	Matriptase-2 deficiency protects from obesity by modulating iron homeostasis. Nature Communications, 2018, 9, 1350.	12.8	32
3	Cancer Susceptibility Models in Protease-Deficient Mice. Methods in Molecular Biology, 2018, 1731, 235-245.	0.9	4
4	TMEFF2 shedding is regulated by oxidative stress and mediated by ADAMs and transmembrane serine proteases implicated in prostate cancer. Cell Biology International, 2018, 42, 273-280.	3.0	7
5	The microRNA-29/PGC1Î± regulatory axis is critical for metabolic control of cardiac function. PLoS Biology, 2018, 16, e2006247.	5.6	42
6	Specific combinations of biallelic POLR3A variants cause Wiedemann-Rautenstrauch syndrome. Journal of Medical Genetics, 2018, 55, 837-846.	3.2	44
7	Mouse Models to Disentangle the Hallmarks of Human Aging. Circulation Research, 2018, 123, 905-924.	4.5	79
8	NovelLMNAmutations cause an aggressive atypical neonatal progeria without progerin accumulation. Journal of Medical Genetics, 2016, 53, 776-785.	3.2	17
9	The Degradome database: expanding roles of mammalian proteases in life and disease. Nucleic Acids Research, 2016, 44, D351-D355.	14.5	78
10	Functional analysis of matriptase-2 mutations and domains: insights into the molecular basis of iron-refractory iron deficiency anemia. American Journal of Physiology - Cell Physiology, 2015, 308, C539-C547.	4.6	15
11	A critical role for murine transferrin receptor 2 in erythropoiesis during iron restriction. British Journal of Haematology, 2015, 168, 891-901.	2.5	27
12	Exome sequencing identifies a novel mutation in PIK3R1 as the cause of SHORT syndrome. BMC Medical Genetics, 2014, 15, 51.	2.1	34
13	Matriptase-2. , 2013, , 2975-2983.		0
14	Matriptaseâ€2 gene (TMPRSS6) variants associate with breast cancer survival, and reduced expression is related to tripleâ€negative breast cancer. International Journal of Cancer, 2013, 133, 2334-2340.	5.1	28
15	An Essential Role For Transferrin Receptor 2 In Erythropoiesis During Iron Restriction. Blood, 2013, 122, 429-429.	1.4	1
16	Cathepsin O. , 2013, , 1821-1823.		0
17	Exome sequencing identifies recurrent mutations of the splicing factor SF3B1 gene in chronic lymphocytic leukemia. Nature Genetics, 2012, 44, 47-52.	21.4	893
18	Whole-genome sequencing identifies recurrent mutations in chronic lymphocytic leukaemia. Nature, 2011, 475, 101-105.	27.8	1,364

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19	Liver hemojuvelin protein levels in mice deficient in matriptase-2 (Tmprss6). Blood Cells, Molecules, and Diseases, 2011, 47, 133-137.	1.4	27
20	Is EPO therapy able to correct iron deficiency anaemia caused by matriptaseâ€2 deficiency?. British Journal of Haematology, 2011, 152, 498-500.	2.5	12
21	Comparative genomic analysis of the zebra finch degradome provides new insights into evolution of proteases in birds and mammals. BMC Genomics, 2010, 11, 220.	2.8	26
22	The genome of a songbird. Nature, 2010, 464, 757-762.	27.8	770
23	Matriptase-2 mutations in iron-refractory iron deficiency anemia patients provide new insights into protease activation mechanisms. Human Molecular Genetics, 2009, 18, 3673-3683.	2.9	59
24	Matriptase-2 (TMPRSS6): a proteolytic regulator of iron homeostasis. Haematologica, 2009, 94, 840-849.	3.5	107
25	Membrane-bound serine protease matriptase-2 (Tmprss6) is an essential regulator of iron homeostasis. Blood, 2008, 112, 2539-2545.	1.4	268
26	The type II transmembrane serine protease Matriptase-2 - identification, structural features, enzymology, expression pattern and potential roles. Frontiers in Bioscience - Landmark, 2008, 13, 569.	3.0	40
27	Comparative analysis of cancer genes in the human and chimpanzee genomes. BMC Genomics, 2006, 7, 15.	2.8	94
28	Initial sequence of the chimpanzee genome and comparison with the human genome. Nature, 2005, 437, 69-87.	27.8	2,222
29	A genomic view of the complexity of mammalian proteolytic systems. Biochemical Society Transactions, 2005, 33, 331-334.	3.4	124
30	Matriptase-2, a Membrane-bound Mosaic Serine Proteinase Predominantly Expressed in Human Liver and Showing Degrading Activity against Extracellular Matrix Proteins. Journal of Biological Chemistry, 2002, 277, 37637-37646.	3.4	146
31	Catalytic activities of membrane-type 6 matrix metalloproteinase (MMP25). FEBS Letters, 2001, 491, 137-142.	2.8	77
32	FHX, a Novel Fork Head Factor with a Dual DNA Binding Specificity. Journal of Biological Chemistry, 2000, 275, 12909-12916.	3.4	34
33	Cloning and Characterization of Human MMP-23, a New Matrix Metalloproteinase Predominantly Expressed in Reproductive Tissues and Lacking Conserved Domains in Other Family Members. Journal of Biological Chemistry, 1999, 274, 4570-4576.	3.4	181
34	Molecular Cloning and Structural and Functional Characterization of Human Cathepsin F, a New Cysteine Proteinase of the Papain Family with a Long Propeptide Domain. Journal of Biological Chemistry, 1999, 274, 13800-13809.	3.4	76
35	Genomic Structure and Chromosomal Localization of the Human Cathepsin O Gene (CTSO). Genomics, 1998, 53, 231-234.	2.9	21
36	Cathepsin Z, a Novel Human Cysteine Proteinase with a Short Propeptide Domain and a Unique Chromosomal Location. Journal of Biological Chemistry, 1998, 273, 16816-16823.	3.4	124

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37	Gene Characterization, Promoter Analysis, and Chromosomal Localization of Human Bleomycin Hydrolase. Journal of Biological Chemistry, 1997, 272, 33298-33304.	3.4	26
38	Prostate-specific membrane antigen in breast carcinoma. Lancet, The, 1997, 349, 1601.	13.7	18
39	Alternative splicing gives rise to two novel long isoforms of Zn-Î±2-glycoprotein, a member of the immunoglobulin superfamily. Gene, 1996, 169, 233-236.	2.2	8
40	Mutational analysis of the human cyclin-dependent kinase inhibitor p27kip1 in primary breast carcinomas. Human Genetics, 1996, 97, 91-4.	3.8	69
41	Expression of collagenase-3 in the rat ovary during the ovulatory process. Journal of Endocrinology, 1996, 149, 405-415.	2.6	38
42	A sequence variation in the human cystatin D gene resulting in an amino acid (Cys/Arg) polymorphism at the protein level. Human Genetics, 1993, 90, 668-9.	3.8	17
43	Human Zn-Î± 2 -glycoprotein: Complete genomic sequence, identification of a related pseudogene and relationship to class I major histocompatibility complex genes. Genomics, 1993, 18, 575-587.	2.9	32
44	Localization of the human cystatin D gene (CST5) to chromosome 20p11.21 by in situ hybridization. Cytogenetic and Genome Research, 1993, 62, 29-31.	1.1	16
45	Characteristics and regulation of a high conductance anion channel in GBK kidney epithelial cells. Pflugers Archiv European Journal of Physiology, 1989, 414, 304-310.	2.8	14
46	1<scp>d</scp>-myo-inositol 1,4,5-trisphosphate dephosphorylation by rat enterocytes involves an intracellular 5-phosphatase and non-specific phosphatase activity at the cell surface. Biochemical Journal, 1988, 255, 131-137.	3.7	16
47	Intestinal brush border membranes contain regulatory subunits of adenylyl cyclase.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 6965-6969.	7.1	32
48	Protein Kinase C of Intestinal Epithelium: Its Role in the Control of Ionic Transport. , 1987, , 195-199.		0
49	Calcium uptake by intracellular compartments in permeabilised enterocytes effect of inositol 1,4,5 trisphosphate. Biochemical and Biophysical Research Communications, 1986, 139, 612-618.	2.1	15
50	Protein kinase C from small intestine epithelial cells. Biochemical and Biophysical Research Communications, 1986, 139, 875-882.	2.1	18
51	Na+/H+ exchange is present in basolateral membranes from rabbit small intestine. Biochemical and Biophysical Research Communications, 1986, 134, 827-834.	2.1	31
52	Permeability properties of isolated enterocytes from rat small intestine. Biochimica Et Biophysica Acta - Molecular Cell Research, 1986, 889, 361-365.	4.1	7
53	Ca2+ uptake by intracellular compartments in isolated enterocytes: effect of inositol 1,4,5-trisphosphate. Biochemical Society Transactions, 1986, 14, 1100-1101.	3.4	0
54	Adenylate cyclase from rabbit small intestine: Activation by cholera toxin and interaction with calcium. Archives of Biochemistry and Biophysics, 1985, 239, 587-594.	3.0	7

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55	Regulation by calcium and calmodulin of adenylate cyclase from rabbit intestinal epithelium. Biochimica Et Biophysica Acta - General Subjects, 1984, 798, 361-367.	2.4	19