

Gloria Velasco

List of Publications by Year in descending order

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Version: 2024-02-01

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	Initial sequence of the chimpanzee genome and comparison with the human genome. <i>Nature</i> , 2005, 437, 69-87.	27.8	2,222
2	Whole-genome sequencing identifies recurrent mutations in chronic lymphocytic leukaemia. <i>Nature</i> , 2011, 475, 101-105.	27.8	1,364
3	Exome sequencing identifies recurrent mutations of the splicing factor SF3B1 gene in chronic lymphocytic leukemia. <i>Nature Genetics</i> , 2012, 44, 47-52.	21.4	893
4	The genome of a songbird. <i>Nature</i> , 2010, 464, 757-762.	27.8	770
5	Membrane-bound serine protease matriptase-2 (Tmprss6) is an essential regulator of iron homeostasis. <i>Blood</i> , 2008, 112, 2539-2545.	1.4	268
6	Cloning and Characterization of Human MMP-23, a New Matrix Metalloproteinase Predominantly Expressed in Reproductive Tissues and Lacking Conserved Domains in Other Family Members. <i>Journal of Biological Chemistry</i> , 1999, 274, 4570-4576.	3.4	181
7	Matriptase-2, a Membrane-bound Mosaic Serine Proteinase Predominantly Expressed in Human Liver and Showing Degrading Activity against Extracellular Matrix Proteins. <i>Journal of Biological Chemistry</i> , 2002, 277, 37637-37646.	3.4	146
8	Cathepsin Z, a Novel Human Cysteine Proteinase with a Short Propeptide Domain and a Unique Chromosomal Location. <i>Journal of Biological Chemistry</i> , 1998, 273, 16816-16823.	3.4	124
9	A genomic view of the complexity of mammalian proteolytic systems. <i>Biochemical Society Transactions</i> , 2005, 33, 331-334.	3.4	124
10	Matriptase-2 (TMPRSS6): a proteolytic regulator of iron homeostasis. <i>Haematologica</i> , 2009, 94, 840-849.	3.5	107
11	Comparative analysis of cancer genes in the human and chimpanzee genomes. <i>BMC Genomics</i> , 2006, 7, 15.	2.8	94
12	Mouse Models to Disentangle the Hallmarks of Human Aging. <i>Circulation Research</i> , 2018, 123, 905-924.	4.5	79
13	The Degradome database: expanding roles of mammalian proteases in life and disease. <i>Nucleic Acids Research</i> , 2016, 44, D351-D355.	14.5	78
14	Catalytic activities of membrane-type 6 matrix metalloproteinase (MMP25). <i>FEBS Letters</i> , 2001, 491, 137-142.	2.8	77
15	Molecular Cloning and Structural and Functional Characterization of Human Cathepsin F, a New Cysteine Proteinase of the Papain Family with a Long Propeptide Domain. <i>Journal of Biological Chemistry</i> , 1999, 274, 13800-13809.	3.4	76
16	Mutational analysis of the human cyclin-dependent kinase inhibitor p27kip1 in primary breast carcinomas. <i>Human Genetics</i> , 1996, 97, 91-4.	3.8	69
17	Matriptase-2 mutations in iron-refractory iron deficiency anemia patients provide new insights into protease activation mechanisms. <i>Human Molecular Genetics</i> , 2009, 18, 3673-3683.	2.9	59
18	Specific combinations of biallelic <i>POLR3A</i> variants cause Wiedemann-Rautenstrauch syndrome. <i>Journal of Medical Genetics</i> , 2018, 55, 837-846.	3.2	44

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19	The microRNA-29/PGC1 β regulatory axis is critical for metabolic control of cardiac function. <i>PLoS Biology</i> , 2018, 16, e2006247.	5.6	42
20	The type II transmembrane serine protease Matriptase-2 - identification, structural features, enzymology, expression pattern and potential roles. <i>Frontiers in Bioscience - Landmark</i> , 2008, 13, 569.	3.0	40
21	Expression of collagenase-3 in the rat ovary during the ovulatory process. <i>Journal of Endocrinology</i> , 1996, 149, 405-415.	2.6	38
22	FHX, a Novel Fork Head Factor with a Dual DNA Binding Specificity. <i>Journal of Biological Chemistry</i> , 2000, 275, 12909-12916.	3.4	34
23	Exome sequencing identifies a novel mutation in PIK3R1 as the cause of SHORT syndrome. <i>BMC Medical Genetics</i> , 2014, 15, 51.	2.1	34
24	Intestinal brush border membranes contain regulatory subunits of adenylyl cyclase.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1987, 84, 6965-6969.	7.1	32
25	Human Zn- β 2-glycoprotein: Complete genomic sequence, identification of a related pseudogene and relationship to class I major histocompatibility complex genes. <i>Genomics</i> , 1993, 18, 575-587.	2.9	32
26	Matriptase-2 deficiency protects from obesity by modulating iron homeostasis. <i>Nature Communications</i> , 2018, 9, 1350.	12.8	32
27	Na ⁺ /H ⁺ exchange is present in basolateral membranes from rabbit small intestine. <i>Biochemical and Biophysical Research Communications</i> , 1986, 134, 827-834.	2.1	31
28	Matriptase-2 gene (<i>TMPRSS6</i>) variants associate with breast cancer survival, and reduced expression is related to triple-negative breast cancer. <i>International Journal of Cancer</i> , 2013, 133, 2334-2340.	5.1	28
29	Liver hemojuvelin protein levels in mice deficient in matriptase-2 (<i>Tmprss6</i>). <i>Blood Cells, Molecules, and Diseases</i> , 2011, 47, 133-137.	1.4	27
30	A critical role for murine transferrin receptor 2 in erythropoiesis during iron restriction. <i>British Journal of Haematology</i> , 2015, 168, 891-901.	2.5	27
31	Gene Characterization, Promoter Analysis, and Chromosomal Localization of Human Bleomycin Hydrolase. <i>Journal of Biological Chemistry</i> , 1997, 272, 33298-33304.	3.4	26
32	Comparative genomic analysis of the zebra finch degradome provides new insights into evolution of proteases in birds and mammals. <i>BMC Genomics</i> , 2010, 11, 220.	2.8	26
33	Genomic Structure and Chromosomal Localization of the Human Cathepsin O Gene (CTSO). <i>Genomics</i> , 1998, 53, 231-234.	2.9	21
34	Regulation by calcium and calmodulin of adenylate cyclase from rabbit intestinal epithelium. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1984, 798, 361-367.	2.4	19
35	Protein kinase C from small intestine epithelial cells. <i>Biochemical and Biophysical Research Communications</i> , 1986, 139, 875-882.	2.1	18
36	Prostate-specific membrane antigen in breast carcinoma. <i>Lancet, The</i> , 1997, 349, 1601.	13.7	18

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37	A sequence variation in the human cystatin D gene resulting in an amino acid (Cys/Arg) polymorphism at the protein level. <i>Human Genetics</i> , 1993, 90, 668-9.	3.8	17
38	Novel <i>LMNA</i> mutations cause an aggressive atypical neonatal progeria without progerin accumulation. <i>Journal of Medical Genetics</i> , 2016, 53, 776-785.	3.2	17
39	1 <i>scpd</i> - <i>myo</i> -inositol 1,4,5-trisphosphate dephosphorylation by rat enterocytes involves an intracellular 5-phosphatase and non-specific phosphatase activity at the cell surface. <i>Biochemical Journal</i> , 1988, 255, 131-137.	3.7	16
40	Localization of the human cystatin D gene (CST5) to chromosome 20p11.21 by in situ hybridization. <i>Cytogenetic and Genome Research</i> , 1993, 62, 29-31.	1.1	16
41	Calcium uptake by intracellular compartments in permeabilised enterocytes effect of inositol 1,4,5 trisphosphate. <i>Biochemical and Biophysical Research Communications</i> , 1986, 139, 612-618.	2.1	15
42	Functional analysis of matriptase-2 mutations and domains: insights into the molecular basis of iron-refractory iron deficiency anemia. <i>American Journal of Physiology - Cell Physiology</i> , 2015, 308, C539-C547.	4.6	15
43	Characteristics and regulation of a high conductance anion channel in GBK kidney epithelial cells. <i>Pflugers Archiv European Journal of Physiology</i> , 1989, 414, 304-310.	2.8	14
44	Is EPO therapy able to correct iron deficiency anaemia caused by matriptase-2 deficiency?. <i>British Journal of Haematology</i> , 2011, 152, 498-500.	2.5	12
45	Alternative splicing gives rise to two novel long isoforms of Zn- β -glycoprotein, a member of the immunoglobulin superfamily. <i>Gene</i> , 1996, 169, 233-236.	2.2	8
46	Adenylate cyclase from rabbit small intestine: Activation by cholera toxin and interaction with calcium. <i>Archives of Biochemistry and Biophysics</i> , 1985, 239, 587-594.	3.0	7
47	Permeability properties of isolated enterocytes from rat small intestine. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 1986, 889, 361-365.	4.1	7
48	TMEFF2 shedding is regulated by oxidative stress and mediated by ADAMs and transmembrane serine proteases implicated in prostate cancer. <i>Cell Biology International</i> , 2018, 42, 273-280.	3.0	7
49	Cancer Susceptibility Models in Protease-Deficient Mice. <i>Methods in Molecular Biology</i> , 2018, 1731, 235-245.	0.9	4
50	An Essential Role For Transferrin Receptor 2 In Erythropoiesis During Iron Restriction. <i>Blood</i> , 2013, 122, 429-429.	1.4	1
51	Ca ²⁺ uptake by intracellular compartments in isolated enterocytes: effect of inositol 1,4,5-trisphosphate. <i>Biochemical Society Transactions</i> , 1986, 14, 1100-1101.	3.4	0
52	Matriptase-2. , 2013, , 2975-2983.		0
53	Genome Sequencing and Analysis Methods in Chronic Lymphocytic Leukemia. <i>Methods in Molecular Biology</i> , 2019, 1881, 319-325.	0.9	0
54	Cathepsin O. , 2013, , 1821-1823.		0

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55	Protein Kinase C of Intestinal Epithelium: Its Role in the Control of Ionic Transport. , 1987, , 195-199.		0