

# Maria I Vaccaro

## List of Publications by Year in descending order

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81  
papers

14,992  
citations

186265  
28  
h-index

114465  
63  
g-index

87  
all docs

87  
docs citations

87  
times ranked

26671  
citing authors

#	ARTICLE	IF	CITATIONS
1	Classification of acute pancreatitisâ€™2012: revision of the Atlanta classification and definitions by international consensus. <i>Gut</i> , 2013, 62, 102-111.	12.1	4,813
2	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	9.1	4,701
3	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	9.1	3,122
4	The emerging role of autophagy in the pathophysiology of diabetes mellitus. <i>Autophagy</i> , 2011, 7, 2-11.	9.1	252
5	The Pancreatitis-induced Vacuole Membrane Protein 1 Triggers Autophagy in Mammalian Cells. <i>Journal of Biological Chemistry</i> , 2007, 282, 37124-37133.	3.4	186
6	Zymophagy, a Novel Selective Autophagy Pathway Mediated by VMP1-USP9x-p62, Prevents Pancreatic Cell Death*. <i>Journal of Biological Chemistry</i> , 2011, 286, 8308-8324.	3.4	174
7	<scp>ER</scp> â€™ plasma membrane contact sites contribute to autophagosome biogenesis by regulation of local <scp>PI</scp> 3P synthesis. <i>EMBO Journal</i> , 2017, 36, 2018-2033.	7.8	159
8	The VMP1-Beclin 1 interaction regulates autophagy induction. <i>Scientific Reports</i> , 2013, 3, 1055.	3.3	138
9	The TP53INP2 Protein Is Required for Autophagy in Mammalian Cells. <i>Molecular Biology of the Cell</i> , 2009, 20, 870-881.	2.1	107
10	Gemcitabine Induces the VMP1 -Mediated Autophagy Pathway to Promote Apoptotic Death in Human Pancreatic Cancer Cells. <i>Pancreatology</i> , 2010, 10, 19-26.	1.1	82
11	Cloning and Expression of the Rat Vacuole Membrane Protein 1 (VMP1), a New Gene Activated in Pancreas with Acute Pancreatitis, Which Promotes Vacuole Formation. <i>Biochemical and Biophysical Research Communications</i> , 2002, 290, 641-649.	2.1	81
12	Novel AKT1-GLI3-VMP1 Pathway Mediates KRAS Oncogene-induced Autophagy in Cancer Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 25325-25334.	3.4	76
13	Molecular and Functional Characterization of the Stress-induced Protein (SIP) Gene and Its Two Transcripts Generated by Alternative Splicing. <i>Journal of Biological Chemistry</i> , 2001, 276, 44185-44192.	3.4	69
14	Lipopolysaccharides Induce p8 mRNA Expression in Vivo and in Vitro. <i>Biochemical and Biophysical Research Communications</i> , 1999, 260, 686-690.	2.1	61
15	The HMG-I/Y-related Protein p8 Binds to p300 and Pax2trans-Activation Domain-interacting Protein to Regulate thetrans-Activation Activity of the Pax2A and Pax2B Transcription Factors on the Glucagon Gene Promoter. <i>Journal of Biological Chemistry</i> , 2002, 277, 22314-22319.	3.4	61
16	Autophagy, Warburg, and Warburg Reverse Effects in Human Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-10.	1.9	58
17	Lipopolysaccharide directly affects pancreatic acinar cells: implications on acute pancreatitis pathophysiology. <i>Digestive Diseases and Sciences</i> , 2000, 45, 915-926.	2.3	56
18	Cardiac mitochondrial biogenesis in endotoxemia is not accompanied by mitochondrial function recovery. <i>Free Radical Biology and Medicine</i> , 2014, 77, 1-9.	2.9	56

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19	A novel mammalian trans-membrane protein reveals an alternative initiation pathway for autophagy. <i>Autophagy</i> , 2008, 4, 388-390.	9.1	48
20	A novel HIF-1 $\alpha$ /VMP1-autophagic pathway induces resistance to photodynamic therapy in colon cancer cells. <i>Photochemical and Photobiological Sciences</i> , 2017, 16, 1631-1642.	2.9	48
21	Secretory Autophagy and Its Relevance in Metabolic and Degenerative Disease. <i>Frontiers in Endocrinology</i> , 2020, 11, 266.	3.5	47
22	VMP1 is a new player in the regulation of the autophagy-specific phosphatidylinositol 3-kinase complex activation. <i>Autophagy</i> , 2013, 9, 933-935.	9.1	39
23	Cell Death Is Counteracted by Mitophagy in HIV-Productively Infected Astrocytes but Is Promoted by Inflammasome Activation Among Non-productively Infected Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2633.	4.8	39
24	VMP1 expression correlates with acinar cell cytoplasmic vacuolization in arginine-induced acute pancreatitis. <i>Pancreatology</i> , 2003, 3, 69-74.	1.1	37
25	Clusterin overexpression in rat pancreas during the acute phase of pancreatitis and pancreatic development. <i>FEBS Journal</i> , 1998, 254, 282-289.	0.2	33
26	Zymophagy: Selective Autophagy of Secretory Granules. <i>International Journal of Cell Biology</i> , 2012, 2012, 1-7.	2.5	32
27	Initial Steps in Mammalian Autophagosome Biogenesis. <i>Frontiers in Cell and Developmental Biology</i> , 2018, 6, 146.	3.7	32
28	Expression Profiling in Pancreas during the Acute Phase of Pancreatitis Using cDNA Microarrays. <i>Biochemical and Biophysical Research Communications</i> , 2000, 277, 660-667.	2.1	31
29	The pancreatitis-associated protein induces lung inflammation in the rat through activation of TNF $\alpha$ expression in hepatocytes. <i>Journal of Pathology</i> , 2003, 199, 398-408.	4.5	29
30	Pancreatic Acinar Cells Submitted to Stress Activate TNF $\alpha$ Gene Expression. <i>Biochemical and Biophysical Research Communications</i> , 2000, 268, 485-490.	2.1	28
31	Autophagy and VMP1 Expression Are Early Cellular Events in Experimental Diabetes. <i>Pancreatology</i> , 2009, 9, 81-88.	1.1	27
32	Chemotherapy and autophagy-mediated cell death in pancreatic cancer cells. <i>Pancreatology</i> , 2012, 12, 1-7.	1.1	23
33	The effect of chronic intraperitoneal infusion of bacterial endotoxin on exocrine pancreas function in rats. <i>International Journal of Gastrointestinal Cancer</i> , 1996, 19, 49-54.	0.4	22
34	Autophagy Dysregulation in Diabetic Kidney Disease: From Pathophysiology to Pharmacological Interventions. <i>Cells</i> , 2021, 10, 2497.	4.1	18
35	Expression of Vacuole Membrane Protein 1 (VMP1) in Spontaneous Chronic Pancreatitis in the WBN/Kob Rat. <i>Pancreas</i> , 2004, 29, 225-230.	1.1	16
36	Autophagy and Pancreas Disease. <i>Pancreatology</i> , 2008, 8, 425-429.	1.1	16

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37	Glycoconjugation: An approach to cancer therapeutics. <i>World Journal of Clinical Oncology</i> , 2020, 11, 110-120.	2.3	15
38	Nitric Oxide and Apoptosis Induced in Peyer's Patches by Attenuated Strains of <i>Salmonella enterica</i> Serovar Enteritidis. <i>Infection and Immunity</i> , 2002, 70, 964-969.	2.2	14
39	A Novel E2F1-EP300-VMP1 Pathway Mediates Gemcitabine-Induced Autophagy in Pancreatic Cancer Cells Carrying Oncogenic KRAS. <i>Frontiers in Endocrinology</i> , 2020, 11, 411.	3.5	13
40	Involvement of intestinal inducible nitric oxide synthase (iNOS) in the early stages of murine salmonellosis. <i>FEMS Microbiology Letters</i> , 2003, 223, 231-238.	1.8	12
41	Mitochondrial Dynamics and VMP1-Related Selective Mitophagy in Experimental Acute Pancreatitis. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 640094.	3.7	12
42	Effect of Ethanol Intake on Pancreatic Exocrine Secretion in Mice. <i>Scandinavian Journal of Gastroenterology</i> , 1992, 27, 783-786.	1.5	11
43	Autophagy in Development, Cell Differentiation, and Homeodynamics: From Molecular Mechanisms to Diseases and Pathophysiology. <i>BioMed Research International</i> , 2014, 2014, 1-2.	1.9	11
44	Macroautophagy and the Oncogene-Induced Senescence. <i>Frontiers in Endocrinology</i> , 2014, 5, 157.	3.5	11
45	Cloning of IP15, a pancreatitis-induced gene whose expression inhibits cell growth. <i>Biochemical and Biophysical Research Communications</i> , 2004, 319, 1001-1009.	2.1	10
46	Novel role of VMP1 as modifier of the pancreatic tumor cell response to chemotherapeutic drugs. <i>Journal of Cellular Physiology</i> , 2013, 228, 1834-1843.	4.1	10
47	VMP1-related autophagy induced by a fructose-rich diet in $\beta$ -cells: its prevention by incretins. <i>Clinical Science</i> , 2017, 131, 673-687.	4.3	9
48	Cloning and Expression of the Mouse PIP49 (Pancreatitis Induced Protein 49) mRNA Which Encodes a New Putative Transmembrane Protein Activated in the Pancreas with Acute Pancreatitis. <i>Molecular Cell Biology Research Communications: MCBRC: Part B of Biochemical and Biophysical Research Communications</i> , 2000, 4, 188-193.	1.6	8
49	Kallikrein and amylase contents in tissues from a mutant mouse model for human cystic fibrosis. <i>Life Sciences</i> , 1983, 32, 825-831.	4.3	5
50	Measuring Autophagy in Pancreatitis. <i>Methods in Molecular Biology</i> , 2019, 1880, 541-554.	0.9	5
51	Decreased lipase activity in pure pancreatic juice and duodenal content from mutant mice with some alterations resembling cystic fibrosis. <i>Life Sciences</i> , 1981, 28, 2207-2213.	4.3	4
52	HBV subgenotypes F1b and F4 replication induces an incomplete autophagic process in hepatocytes: Role of BCP and preCore mutations. <i>PLoS ONE</i> , 2018, 13, e0197109.	2.5	4
53	Changes in pancreatic exocrine secretion after repeated haloperidol administration. <i>Journal of the Autonomic Nervous System</i> , 1989, 28, 189-192.	1.9	3
54	Autophagy, Inflammation, and Metabolism (AIM) Center of Biomedical Research Excellence: supporting the next generation of autophagy researchers and fostering international collaborations. <i>Autophagy</i> , 2018, 14, 925-929.	9.1	3

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55	Serum Isoamylase Activities in Cystic Fibrosis Patients, Determined by an Inhibitory Assay. Scandinavian Journal of Gastroenterology, 1986, 21, 941-944.	1.5	2
56	Pure pancreatic juice in humans: orange-lemon-juice-induced secretory effects. comparative analysis with a regular meal, sorbitol, acidified peptone broth and secretin. International Journal of Gastrointestinal Cancer, 1988, 3, 469-476.	0.4	2
57	Modulating Autophagy and the "Reverse Warburg Effect". Cancer Drug Discovery and Development, 2014, , 131-156.	0.4	2
58	Autophagy in Cell Fate and Diseases. , 2015, , .		2
59	An experimental model to study bile and exocrine pancreatic secretion from mice. Laboratory Animal Science, 1981, 31, 707-9.	0.3	2
60	M1832 Autophagy Mediated By VMP1 Expression Is a Survival Mechanism in Caerulein-Treated AR42J Pancreas Cells. Gastroenterology, 2008, 134, A-429.	1.3	1
61	Editorial: Autophagy: From Big Data to Physiological Significance. Frontiers in Cell and Developmental Biology, 2020, 7, 376.	3.7	1
62	The VMP1-Beclin 1 Interaction Regulates Autophagy Induction. FASEB Journal, 2013, 27, 832.4.	0.5	1
63	Bethanechol-induced restricted stimulation of pancreatic juice secretion in mice. Acta Physiologica Et Pharmacologica Latinoamericana: Organo De La Asociaci3n Latinoamericana De Ciencias Fisiol3gicas Y De La Asociaci3n Latinoamericana De FarmacologAa, 1987, 37, 409-13.	0.0	1
64	An experimental model to perform dynamic studies of exocrine pancreatic secretion in mice. Acta Physiologica Et Pharmacologica Latinoamericana: Organo De La Asociaci3n Latinoamericana De Ciencias Fisiol3gicas Y De La Asociaci3n Latinoamericana De FarmacologAa, 1984, 34, 9-13.	0.0	1
65	S1888 The Pancreatitis-Induced Membrane Protein VMP1 That Triggers Autophagy Interacts with S100A10. Gastroenterology, 2008, 134, A-287-A-288.	1.3	0
66	AUTOPHAGY PREVENTS CAERULEIN-INDUCED ACINAR CELL DEATH. Pancreas, 2008, 37, 472.	1.1	0
67	T1814 Autophagy Mediated By Transgenic Pancreas Expression of VMP1 Prevents the Severe Effects of Acute Pancreatitis in Mice. Gastroenterology, 2009, 136, A-585.	1.3	0
68	T1382 Vacuole-Membrane-Protein-1 (VMP1) and p21 Expression Regulate Crosstalk Between Autophagy and Apoptosis in Human Pancreatic Cancer. Gastroenterology, 2010, 138, S-550.	1.3	0
69	A Team of Champions. Pancreatology, 2011, 10, III-IV.	1.1	0
70	A Novel Selective Form of Autophagy Mediated by VMP1 Plays a Critical Role in the Protective Cell Response to Acute Pancreatitis. Gastroenterology, 2011, 140, S-53.	1.3	0
71	819 The Pancreatitis Associated Protein VMP1 Regulates Autophagy Induction Through the Interaction With the Tumor Suppressor Protein Beclin 1. Gastroenterology, 2013, 144, S-143.	1.3	0
72	Autophagy mediates resistance to gemcitabine treatment through a novel E2F1-p300-VMP1 pathway. Pancreatology, 2014, 14, S21.	1.1	0

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73	Sa1819 Autophagy Mediates Resistance of Pancreatic Cancer Cells to Chemotherapy Through a Novel E2F1-P300-VMP1 Pathway. <i>Gastroenterology</i> , 2015, 148, S-341.	1.3	0
74	Mitochondrial dynamics and mitophagy in acute pancreatitis. <i>Pancreatology</i> , 2016, 16, S30.	1.1	0
75	Critical Role of USP9X in Initial Steps of VMP1-Mediated Autophagy. <i>Gastroenterology</i> , 2017, 152, S1038.	1.3	0
76	VMP1-related autophagy induced by fructose rich diet in $\beta$ -cells: Its prevention by incretins. <i>Pancreatology</i> , 2017, 17, S19.	1.1	0
77	Autophagy, Inflammation, and Metabolism (AIM) Center in its second year. <i>Autophagy</i> , 2019, 15, 1829-1833.	9.1	0
78	Mo1354 A NOVEL E2F1-P300-VMP1 PATHWAY MEDIATES GEMCITABINE-INDUCED AUTOPHAGY IN PANCREATIC CANCER STEM CELLS CARRYING ONCOGENIC KRAS.. <i>Gastroenterology</i> , 2020, 158, S-861-S-862.	1.3	0
79	Editorial: Autophagy in Endocrine-Metabolic Diseases Associated With Aging. <i>Frontiers in Endocrinology</i> , 2020, 11, 572.	3.5	0
80	Zymophagy, a novel mechanism for the inducible and selective autophagic degradation of secretory granules. <i>FASEB Journal</i> , 2011, 25, 904.4.	0.5	0
81	Translational Pancreatology. New Approaches in the Development of Novel Biomarkers as Screening Methodologies for Pancreatic Cancer. <i>Journal of Translational Gastroenterology and Clinical Hepatology</i> , 2018, 1, .	0.0	0