## Catherine L Tomasetto

List of Publications by Year in descending order

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125 papers 10,058 citations

28274 55 h-index 98 g-index

140 all docs

140 docs citations

140 times ranked 8889 citing authors

#	Article	IF	CITATIONS
1	Wnt5a Promotes Lysosomal Cholesterol Egress and Protects Against Atherosclerosis. Circulation Research, 2022, 130, 184-199.	4.5	12
2	In situ artificial contact sites (ISACS) between synthetic and endogenous organelle membranes allow for quantification of protein-tethering activities. Journal of Biological Chemistry, 2022, 298, 101780.	3.4	1
3	Metabolomic Impact of Lidocaine on a Triple Negative Breast Cancer Cell Line. Frontiers in Pharmacology, 2022, 13, 821779.	3.5	4
4	Lipid Intake and Breast Cancer Risk: Is There a Link? A New Focus and Meta-Analysis. The Journal of Breast Health, 2022, 18, 108-126.	1.0	4
5	MOSPD2 is an endoplasmic reticulum–lipid droplet tether functioning in LD homeostasis. Journal of Cell Biology, 2022, 221, .	5.2	13
6	Ghrelin Gene Deletion Alters Pulsatile Growth Hormone Secretion in Adult Female Mice. Frontiers in Endocrinology, 2021, 12, 754522.	3 <b>.</b> 5	3
7	Faraway, so close! Functions of Endoplasmic reticulum–Endosome contacts. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2020, 1865, 158490.	2.4	17
8	Anticancer activity of ruthenium and osmium cyclometalated compounds: identification of ABCB1 and EGFR as resistance mechanisms. Inorganic Chemistry Frontiers, 2020, 7, 678-688.	6.0	34
9	Matrix Metalloproteinase-11 Promotes Early Mouse Mammary Gland Tumor Growth through Metabolic Reprogramming and Increased IGF1/AKT/FoxO1 Signaling Pathway, Enhanced ER Stress and Alteration in Mitochondrial UPR. Cancers, 2020, 12, 2357.	3.7	17
10	FFAT motif phosphorylation controls formation and lipid transfer function of interâ€organelle contacts. EMBO Journal, 2020, 39, e104369.	7.8	73
11	Probiotics Upregulate Trefoil Factors and Downregulate Pepsinogen in the Mouse Stomach. International Journal of Molecular Sciences, 2019, 20, 3901.	4.1	13
12	STARD3: A Swiss Army Knife for Intracellular Cholesterol Transport. Contact (Thousand Oaks) Tj ETQq0 0 0 rgBT	/Oyerlock	10 <sub>6</sub> Tf 50 302
13	Interleukinâ€32 Contributes to Human Nonalcoholic Fatty Liver Disease and Insulin Resistance. Hepatology Communications, 2019, 3, 1205-1220.	4.3	38
14	A novel machine learning-derived decision tree including uPA/PAI-1 for breast cancer care. Clinical Chemistry and Laboratory Medicine, 2019, 57, 901-910.	2.3	6
15	Intracellular and Plasma Membrane Cholesterol Labeling and Quantification Using Filipin and GFP-D4. Methods in Molecular Biology, 2019, 1949, 137-152.	0.9	39
16	A Third Musketeer on the ER: MOSPD2 is a Novel VAP-related Receptor for FFAT Motifs. Contact (Thousand Oaks (Ventura County, Calif )), 2018, 1, 251525641880973.	1.3	O
17	Why and How Should We Improve Breast Cancer Management in Elderly Women?. The Journal of Breast Health, 2018, 14, 132-133.	1.0	O
18	Identification of MOSPD2, a novel scaffold for endoplasmic reticulum membrane contact sites. EMBO Reports, 2018, 19, .	4.5	85

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19	Antitumor Effects of Lidocaine on Human Breast Cancer Cells: An In Vitro and In Vivo Experimental Trial. Anticancer Research, 2018, 38, 95-105.	1.1	52
20	<scp>STARD</scp> 3 mediates endoplasmic reticulumâ€toâ€endosome cholesterol transport at membrane contact sites. EMBO Journal, 2017, 36, 1412-1433.	7.8	191
21	Breast cancer in elderly women and altered clinico-pathological characteristics: a systematic review. Breast Cancer Research and Treatment, 2017, 166, 657-668.	2.5	62
22	Combination of Selective Immunoassays and Mass Spectrometry to Characterize Preproghrelin-Derived Peptides in Mouse Tissues. Frontiers in Neuroscience, 2017, 11, 211.	2.8	4
23	Matrix metalloproteinase 11 protects from diabesity and promotes metabolic switch. Scientific Reports, 2016, 6, 25140.	3.3	22
24	A prospective study to assess the clinical utility of serum HER2 extracellular domain in breast cancer with HER2 overexpression. Breast Cancer Research and Treatment, 2016, 160, 249-259.	2.5	25
25	Touchà ©! STARD3 and STARD3NL tether the ER to endosomes. Biochemical Society Transactions, 2016, 44, 493-498.	3.4	19
26	Local adipocyte cancer cell paracrine loop: can "sick fat―be more detrimental?. Hormone Molecular Biology and Clinical Investigation, 2015, 21, 43-56.	0.7	18
27	Stromal matrix metalloproteinase-11 is involved in the mammary gland postnatal development. Oncogene, 2014, 33, 4050-4059.	5.9	35
28	The phosphoinositide-binding protein TRAF4 modulates tight junction stability and migration of cancer cells. Tissue Barriers, 2014, 2, e975597.	3.2	11
29	An Early Reduction in GH Peak Amplitude in Preproghrelin-Deficient Male Mice Has a Minor Impact on Linear Growth. Endocrinology, 2014, 155, 3561-3571.	2.8	35
30	Functional relationship between matrix metalloproteinaseâ€11 and matrix metalloproteinaseâ€14. Cancer Medicine, 2014, 3, 1197-1210.	2.8	21
31	START ships lipids across interorganelle space. Biochimie, 2014, 96, 85-95.	2.6	89
32	MLN51 triggers P-body disassembly and formation of a new type of RNA granules. Journal of Cell Science, 2014, 127, 4692-701.	2.0	18
33	STARD3: A Lipid Transfer Protein in Breast Cancer and Cholesterol Trafficking. , 2014, , 119-138.		1
34	Ghrelin knockout mice show decreased voluntary alcohol consumption and reduced ethanol-induced conditioned place preference. Peptides, 2013, 43, 48-55.	2.4	74
35	STARD3/STARD3NL and VAP make a novel molecular tether between late endosomes and the ER. Journal of Cell Science, 2013, 126, 5500-12.	2.0	206
36	TRAF4 Is a Novel Phosphoinositide-Binding Protein Modulating Tight Junctions and Favoring Cell Migration. PLoS Biology, 2013, 11, e1001726.	5.6	48

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37	EJC core component MLN51 interacts with eIF3 and activates translation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 5903-5908.	7.1	60
38	Perispeckles are major assembly sites for the exon junction core complex. Molecular Biology of the Cell, 2012, 23, 1765-1782.	2.1	56
39	Human CWC22 escorts the helicase elF4AllI to spliceosomes and promotes exon junction complex assembly. Nature Structural and Molecular Biology, 2012, 19, 983-990.	8.2	97
40	In Vivo Evidence That TRAF4 Is Required for Central Nervous System Myelin Homeostasis. PLoS ONE, 2012, 7, e30917.	2.5	33
41	Inhibition of cyclooxygenaseâ€2 causes regression of gastric adenomas in trefoil factor 1 deficient mice. International Journal of Cancer, 2012, 131, 1032-1041.	5.1	9
42	Inhibition of Gastric Carcinogenesis by the Hormone Gastrin Is Mediated by Suppression of TFF1 Epigenetic Silencing. Gastroenterology, 2011, 140, 879-891.e18.	1.3	108
43	Deficiency in trefoil factor 1 (TFF1) increases tumorigenicity of human breast cancer cells and mammary tumor development in TFF1-knockout mice. Oncogene, 2011, 30, 3261-3273.	5.9	89
44	Matrix metalloproteinase 11/stromelysinâ€3 exerts both activator and repressor functions during the hematogenous metastatic process in mice. International Journal of Cancer, 2010, 127, 1347-1355.	5.1	25
45	Methyl Donor Deficiency Affects Fetal Programming of Gastric Chrelin Cell Organization and Function in the Rat. American Journal of Pathology, 2010, 176, 270-277.	3.8	32
46	Synthetic Analogue of Rocaglaol Displays a Potent and Selective Cytotoxicity in Cancer Cells: Involvement of Apoptosis Inducing Factor and Caspase-12. Journal of Medicinal Chemistry, 2009, 52, 5176-5187.	6.4	94
47	The potential of ghrelin as a prokinetic. Regulatory Peptides, 2009, 155, 24-27.	1.9	16
48	Caveolin-1 (P132L), a Common Breast Cancer Mutation, Confers Mammary Cell Invasiveness and Defines a Novel Stem Cell/Metastasis-Associated Gene Signature. American Journal of Pathology, 2009, 174, 1650-1662.	3.8	73
49	Matrix metalloproteinase-11/stromelysin-3 exhibits collagenolytic function against collagen VI under normal and malignant conditions. Oncogene, 2008, 27, 6347-6355.	5.9	104
50	Amplification and invasiveness of epithelial progenitors during gastric carcinogenesis in trefoil factor 1 knockout mice. Cell Proliferation, 2008, 41, 923-935.	5.3	28
51	Tumor Necrosis Factor Receptor-Associated Factor 4 Is a Dynamic Tight Junction-Related Shuttle Protein Involved in Epithelium Homeostasis. PLoS ONE, 2008, 3, e3518.	2.5	26
52	Pregnancy and post-partum breast cancer: a prospective study. Anticancer Research, 2008, 28, 2447-52.	1.1	58
53	The exon-junction-complex-component metastatic lymph node 51 functions in stress-granule assembly. Journal of Cell Science, 2007, 120, 2774-2784.	2.0	69
54	The Exon Junction Complex factor MLN51 is recruited to mRNA granules during cellular stress. FASEB Journal, 2007, 21, A653.	0.5	0

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55	Ghrelin gastrokinetic action in patients with neurogenic gastroparesis. Peptides, 2006, 27, 1603-1606.	2.4	92
56	Characterization of the putative cholesterol transport protein metastatic lymph node 64 in the brain. Neuroscience, 2006, 139, 1031-1038.	2.3	10
57	MLN64 and MENTHO, two mediators of endosomal cholesterol transport. Biochemical Society Transactions, 2006, 34, 343-345.	3.4	55
58	Serum biomarkers for detection of breast cancers: a prospective study. Breast Cancer Research and Treatment, 2006, 96, 83-90.	2.5	83
59	Cytotoxicity of a natural anthraquinone (Aloin) against human breast cancer cell lines with and without ErbB-2: Topoisomerase II-alpha coamplification. Cancer Biology and Therapy, 2006, 5, 97-103.	3.4	60
60	Genetic determinants of pancreatic ε-cell development. Developmental Biology, 2005, 286, 217-224.	2.0	166
61	The exon junction core complex is locked onto RNA by inhibition of eIF4AIII ATPase activity. Nature Structural and Molecular Biology, 2005, 12, 861-869.	8.2	282
62	Granulomatous Mastitis and Corynebacteria: Clinical and Pathologic Correlations. Breast Journal, 2005, 11, 357-357.	1.0	31
63	Spatial and temporal distribution of the traf4 genes during zebrafish development. Gene Expression Patterns, 2005, 5, 545-552.	0.8	19
64	Trefoil factors. Cellular and Molecular Life Sciences, 2005, 62, 2916-2920.	5.4	40
65	Improvement in intramammary sentinel lymph node removal using a novel prototype hand held probe during breast conservative surgery. Breast Cancer Research and Treatment, 2005, 89, 305-308.	2.5	14
66	Give lipids a START: the StAR-related lipid transfer (START) domain in mammals. Journal of Cell Science, 2005, 118, 2791-2801.	2.0	345
67	Stromelysin-3 Is a Potent Negative Regulator of Adipogenesis Participating to Cancer Cell-Adipocyte Interaction/Crosstalk at the Tumor Invasive Front. Cancer Research, 2005, 65, 10862-10871.	0.9	160
68	Functional Characterization of the MENTAL Domain. Journal of Biological Chemistry, 2005, 280, 17945-17952.	3.4	60
69	The Role of the Small Bowel in the Regulation of Circulating Ghrelin Levels and Food Intake in the Obese Zucker Rat. Endocrinology, 2005, 146, 1745-1751.	2.8	80
70	Evidence for the presence of motilin, ghrelin, and the motilin and ghrelin receptor in neurons of the myenteric plexus. Regulatory Peptides, 2005, 124, 119-125.	1.9	106
71	Association of the Breast Cancer Protein MLN51 with the Exon Junction Complex via Its Speckle Localizer and RNA Binding Module. Journal of Biological Chemistry, 2004, 279, 33702-33715.	3.4	96
72	Trefoil factor 1 is required for the commitment programme of mouse oxyntic epithelial progenitors. Gut, 2004, 53, 1408-1415.	12.1	67

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73	Urinary pS2/TFF1 levels in the management of hormonodependent breast carcinomas. Peptides, 2004, 25, 737-743.	2.4	11
74	Profiling trefoil factor family (TFF) expression in the mouse: identification of an antisense TFF1-related transcript in the kidney and liver. Peptides, 2004, 25, 755-762.	2.4	29
75	Metastatic lymph node 64 (MLN64), a gene overexpressed in breast cancers, is regulated by Sp/KLF transcription factors. Oncogene, 2003, 22, 3770-3780.	5.9	27
76	Two new peptides to improve post-operative gastric ileus in dog. Peptides, 2003, 24, 531-534.	2.4	57
77	Cyclooxygenase-2 expression and effect of celecoxib in gastric adenomas of trefoil factor 1-deficient mice. Cancer Research, 2003, 63, 3032-6.	0.9	51
78	Dual stromelysin-3 function during natural mouse mammary tumor virus-ras tumor progression. Cancer Research, 2003, 63, 5844-9.	0.9	67
79	Impaired neural tube closure, axial skeleton malformations, and tracheal ring disruption in TRAF4-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 5585-5590.	7.1	100
80	MENTHO, a MLN64 Homologue Devoid of the START Domain. Journal of Biological Chemistry, 2002, 277, 50780-50787.	3.4	50
81	The trefoil factor 1 participates in gastrointestinal cell differentiation by delaying G1-S phase transition and reducing apoptosis. Journal of Cell Biology, 2002, 157, 761-770.	5.2	166
82	Ultradian Rhythmicity of Ghrelin Secretion in Relation with GH, Feeding Behavior, and Sleep-Wake Patterns in Rats. Endocrinology, 2002, 143, 1353-1361.	2.8	266
83	Ghrelin/motilin-related peptide is a potent prokinetic to reverse gastric postoperative ileus in rat. American Journal of Physiology - Renal Physiology, 2002, 282, G948-G952.	3.4	229
84	TreFoil Factor 1 (TFF1/pS2) Deficiency Activates the Unfolded Protein Response. Molecular Medicine, 2002, 8, 273-282.	4.4	36
85	Metastatic Lymph Node 51, a novel nucleo-cytoplasmic protein overexpressed in breast cancer. Oncogene, 2002, 21, 4422-4434.	5.9	34
86	Ultradian Rhythmicity of Ghrelin Secretion in Relation with GH, Feeding Behavior, and Sleep-Wake Patterns in Rats. Endocrinology, 2002, 143, 1353-1361.	2.8	93
87	Trefoil factor 1 (TFF1/pS2) deficiency activates the unfolded protein response. Molecular Medicine, 2002, 8, 273-82.	4.4	14
88	Human pS2/Trefoil Factor 1: Production and Characterization in Pichia pastoris. Protein Expression and Purification, 2001, 21, 92-98.	1.3	20
89	Niemann-Pick C1 Disease: Correlations between NPC1 Mutations, Levels of NPC1 Protein, and Phenotypes Emphasize the Functional Significance of the Putative Sterol-Sensing Domain and of the Cysteine-Rich Luminal Loop. American Journal of Human Genetics, 2001, 68, 1373-1385.	6.2	187
90	Identification of cDNA encoding motilin related peptide/ghrelin precursor from dog fundus. Peptides, 2001, 22, 2055-2059.	2.4	48

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91	Mouse Trefoil Factor genes: genomic organization, sequences and methylation analyses. Gene, 2001, 266, 67-75.	2.2	53
92	In vivo and in vitro Effects of Ghrelin/Motilin-Related Peptide on Growth Hormone Secretion in the Rat. Neuroendocrinology, 2001, 73, 54-61.	2.5	152
93	The Steroidogenic Acute Regulatory Protein Homolog MLN64, a Late Endosomal Cholesterol-binding Protein. Journal of Biological Chemistry, 2001, 276, 4261-4269.	3.4	152
94	Transcription Regulation and Protein Subcellular Localization of the Truncated Basic Hair Keratin hHb1-Î"N in Human Breast Cancer Cells. Journal of Biological Chemistry, 2001, 276, 22954-22964.	3.4	6
95	C2PA, a new protein expressed during mouse spermatogenesis. FEBS Letters, 2000, 480, 249-254.	2.8	8
96	Identification and characterization of a novel gastric peptide hormone: The motilin-related peptide. Gastroenterology, 2000, 119, 395-405.	1.3	213
97	pS2/TFF1 interacts directly with the VWFC cysteine-rich domains of mucins. Gastroenterology, 2000, 118, 70-80.	1.3	174
98	Expression of a truncated form of hHb1 hair keratin in human breast carcinomas. British Journal of Cancer, 1998, 78, 1640-1644.	6.4	12
99	The pS2/TFF1 trefoil factor, from basic research to clinical applications. Biochimica Et Biophysica Acta: Reviews on Cancer, 1998, 1378, F61-F77.	7.4	66
100	Chromosomal assignment and expression pattern of the murine Lasp-1 gene. Gene, 1998, 207, 171-175.	2.2	31
101	Tumor necrosis factor receptor associated factor 4 (TRAF4) expression pattern during mouse development. Mechanisms of Development, 1998, 71, 187-191.	1.7	44
102	TRAF-4 Expression in Breast Carcinomas. American Journal of Pathology, 1998, 153, 2007-2008.	3.8	6
103	Lasp-1, a Novel Type of Actin-Binding Protein Accumulating in Cell Membrane Extensions. Molecular Medicine, 1998, 4, 675-687.	4.4	86
104	Expression of Matrix Metalloproteinases during Rat Skin Wound Healing: Evidence that Membrane Type-1 Matrix Metalloproteinase Is a Stromal Activator of Pro-Gelatinase A. Journal of Cell Biology, 1997, 137, 67-77.	5.2	210
105	MLN64 contains a domain with homology to the steroidogenic acute regulatory protein (StAR) that stimulates steroidogenesis. Proceedings of the National Academy of Sciences of the United States of America, 1997, 94, 8462-8467.	7.1	227
106	MLN64 exhibits homology with the steroidogenic acute regulatory protein (STAR) and is over-expressed in human breast carcinomas. International Journal of Cancer, 1997, 71, 183-191.	5.1	126
107	A Pvull polymorphism detected by a cDNA clone of the gene encoding the human spasmolytic protein (SML1 gene), one of three members of the trefoil peptide gene family clustered on chromosome 21q22.3. Clinical Genetics, 1997, 52, 247-248.	2.0	1
108	Gastric Mucosa Abnormalities and Tumorigenesis in Mice Lacking the pS2 Trefoil Protein. Science, 1996, 274, 259-262.	12.6	481

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109	Comparative expression of thepsoriasin (S100A7) and S100C genes in breast carcinoma and co-localization to human chromosome 1q21-q22. International Journal of Cancer, 1995, 63, 297-303.	5.1	79
110	The Tissue Inhibitor of Metalloproteinases-3 Gene in Breast Carcinoma: Identification of Multiple Polyadenylation Sites and a Stromal Pattern of Expression. Molecular Medicine, 1995, 1, 418-427.	4.4	36
111	Presence of a New Conserved Domain in CART1, a Novel Member of the Tumor Necrosis Factor Receptor-associated Protein Family, Which Is Expressed in Breast Carcinoma. Journal of Biological Chemistry, 1995, 270, 25715-25721.	3.4	210
112	Identification of Four Novel Human Genes Amplified and Overexpressed in Breast Carcinoma and Localized to the q11-q21.3 Region of Chromosome 17. Genomics, 1995, 28, 367-376.	2.9	237
113	Lasp†(MLN 50) defines a new LIM protein subfamily characterized by the association of LIM and SH3 domains. FEBS Letters, 1995, 373, 245-249.	2.8	132
114	Specificity of gap junction communication among human mammary cells and connexin transfectants in culture. Journal of Cell Biology, 1993, 122, 157-167.	5.2	125
115	The mouse one P-domain (pS2) and two P-domain (mSP) genes exhibit distinct patterns of expression. Journal of Cell Biology, 1993, 122, 191-198.	5.2	91
116	Transcriptional downregulation of gap-junction proteins blocks junctional communication in human mammary tumor cell lines Journal of Cell Biology, 1992, 118, 1213-1221.	5.2	226
117	Down-regulation of a member of the S100 gene family in mammary carcinoma cells and reexpression by azadeoxycytidine treatment Proceedings of the National Academy of Sciences of the United States of America, 1992, 89, 2504-2508.	7.1	142
118	The gene encoding the human spasmolytic protein (SML1hSP) is in 21q 22.3, physically linked to the homologous breast cancer marker gene BCElpS2. Genomics, 1992, 13, 1328-1330.	2.9	30
119	Vaccinia recombinants expressing secreted and transmembrane forms of breast cancer-associated epithelial tumour antigen (ETA). Vaccine, 1991, 9, 618-626.	3.8	19
120	Induction of pS2 and hSP genes as markers of mucosal ulceration of the digestive tract. Gastroenterology, 1991, 100, 375-379.	1.3	184
121	Positive selection of candidate tumor-suppressor genes by subtractive hybridization Proceedings of the National Academy of Sciences of the United States of America, 1991, 88, 2825-2829.	7.1	299
122	Epidermal growth factor (EGF/URO) induces expression of regulatory peptides in damaged human gastrointestinal tissues. Journal of Pathology, 1990, 162, 279-284.	4.5	227
123	Vaccination against polyoma virus (PYV) tumors using vaccinia-PYV recombinants: A major tumor-specific transplantation antigen (TSTA) epitope resides within the C-terminal segment of middle-T protein. International Journal of Cancer, 1990, 45, 185-189.	5.1	5
124	Breast Cancer Protein PS2 Synthesis in Mammary Gland of Transgenic Mice and Secretion into Milk. Molecular Endocrinology, 1989, 3, 1579-1584.	3.7	52
125	Breast Cancer-Associated pS2 Protein: Synthesis and Secretion by Normal Stomach Mucosa. Science, 1988, 241, 705-708.	12.6	338