

Tommaso Mello

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

73 papers	2,686 citations	29 h-index	51 g-index
109 ext. papers	3,113 ext. citations	5.2 avg, IF	4.79 L-index

#	Paper	IF	Citations
73	Antidiabetic thiazolidinediones inhibit collagen synthesis and hepatic stellate cell activation in vivo and in vitro. <i>Gastroenterology</i> , 2002 , 122, 1924-40	13.3	357
72	Pathogenesis of alcoholic liver disease: role of oxidative metabolism. <i>World Journal of Gastroenterology</i> , 2014 , 20, 17756-72	5.6	232
71	Morphologic features and glial activation in rat oxaliplatin-dependent neuropathic pain. <i>Journal of Pain</i> , 2013 , 14, 1585-600	5.2	122
70	NCX-1000, a NO-releasing derivative of ursodeoxycholic acid, selectively delivers NO to the liver and protects against development of portal hypertension. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2001 , 98, 8897-902	11.5	111
69	Alcohol induced hepatic fibrosis: role of acetaldehyde. <i>Molecular Aspects of Medicine</i> , 2008 , 29, 17-21	16.7	106
68	Integrin-mediated cell adhesion and spreading engage different sources of reactive oxygen species. <i>Antioxidants and Redox Signaling</i> , 2007 , 9, 469-81	8.4	78
67	EphrinA1 activates a Src/focal adhesion kinase-mediated motility response leading to rho-dependent actino/myosin contractility. <i>Journal of Biological Chemistry</i> , 2007 , 282, 19619-28	5.4	73
66	Immunodetection of proteins in ancient paint media. <i>Accounts of Chemical Research</i> , 2010 , 43, 867-76	24.3	70
65	Role of the stromal-derived factor-1 (SDF-1)-CXCR4 axis in the interaction between hepatic stellate cells and cholangiocarcinoma. <i>Journal of Hepatology</i> , 2012 , 57, 813-20	13.4	68
64	Antidiabetic thiazolidinediones inhibit invasiveness of pancreatic cancer cells via PPARgamma independent mechanisms. <i>Gut</i> , 2004 , 53, 1688-97	19.2	66
63	Involvement of $\alpha 7$ nAChR subtype in rat oxaliplatin-induced neuropathy: effects of selective activation. <i>Neuropharmacology</i> , 2014 , 79, 37-48	5.5	64
62	A new mechanism involving ERK contributes to rosiglitazone inhibition of tumor necrosis factor-alpha and interferon-gamma inflammatory effects in human endothelial cells. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 718-24	9.4	63
61	Testosterone treatment improves metabolic syndrome-induced adipose tissue derangements. <i>Journal of Endocrinology</i> , 2012 , 215, 347-62	4.7	62
60	Cell fusion promotes chemoresistance in metastatic colon carcinoma. <i>Oncogene</i> , 2013 , 32, 2649-60	9.2	53
59	FXR activation normalizes insulin sensitivity in visceral preadipocytes of a rabbit model of MetS. <i>Journal of Endocrinology</i> , 2013 , 218, 215-31	4.7	50
58	Carbon nanotube scaffolds instruct human dendritic cells: modulating immune responses by contacts at the nanoscale. <i>Nano Letters</i> , 2013 , 13, 6098-105	11.5	49
57	PPARs and Mitochondrial Metabolism: From NAFLD to HCC. <i>PPAR Research</i> , 2016 , 2016, 7403230	4.3	49

56	Selective adenosine A2A receptor agonists and antagonists protect against spinal cord injury through peripheral and central effects. <i>Journal of Neuroinflammation</i> , 2011 , 8, 31	10.1	47
55	Identification of a posttranslational mechanism for the regulation of hERG1 K ⁺ channel expression and hERG1 current density in tumor cells. <i>Molecular and Cellular Biology</i> , 2008 , 28, 5043-60	4.8	47
54	The adenosine A2A receptor antagonist ZM241385 enhances neuronal survival after oxygen-glucose deprivation in rat CA1 hippocampal slices. <i>British Journal of Pharmacology</i> , 2009 , 157, 818-30	8.6	43
53	Thiazolidinediones inhibit hepatocarcinogenesis in hepatitis B virus-transgenic mice by peroxisome proliferator-activated receptor gamma-independent regulation of nucleophosmin. <i>Hepatology</i> , 2010 , 52, 493-505	11.2	40
52	The potential of antidiabetic thiazolidinediones for anticancer therapy. <i>Expert Opinion on Investigational Drugs</i> , 2006 , 15, 1039-49	5.9	39
51	Myristoylated Alanine-Rich protein Kinase C Substrate (MARCKS) expression modulates the metastatic phenotype in human and murine colon carcinoma in vitro and in vivo. <i>Cancer Letters</i> , 2013 , 333, 244-52	9.9	38
50	Selective HCN1 block as a strategy to control oxaliplatin-induced neuropathy. <i>Neuropharmacology</i> , 2018 , 131, 403-413	5.5	35
49	Expression of carboxylesterase and lipase genes in rat liver cell-types. <i>Biochemical and Biophysical Research Communications</i> , 2008 , 374, 460-4	3.4	35
48	Acetaldehyde inhibits PPARgamma via H ₂ O ₂ -mediated c-Abl activation in human hepatic stellate cells. <i>Gastroenterology</i> , 2006 , 131, 1235-52	13.3	35
47	Oxidative Stress in the Healthy and Wounded Hepatocyte: A Cellular Organelles Perspective. <i>Oxidative Medicine and Cellular Longevity</i> , 2016 , 2016, 8327410	6.7	32
46	Effects of Cadmium on ZO-1 Tight Junction Integrity of the Blood Brain Barrier. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	31
45	PARP-1 activation causes neuronal death in the hippocampal CA1 region by increasing the expression of Ca(2+)-permeable AMPA receptors. <i>Neurobiology of Disease</i> , 2014 , 70, 43-52	7.5	29
44	INT-767 prevents NASH and promotes visceral fat brown adipogenesis and mitochondrial function. <i>Journal of Endocrinology</i> , 2018 , 238, 107-127	4.7	29
43	Tumor Necrosis Factor- α Impairs Kisspeptin Signaling in Human Gonadotropin-Releasing Hormone Primary Neurons. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 46-56	5.6	28
42	Differential expression of junctional adhesion molecules in different stages of systemic sclerosis. <i>Arthritis and Rheumatism</i> , 2013 , 65, 247-57		28
41	COUP-TFII in pancreatic adenocarcinoma: clinical implication for patient survival and tumor progression. <i>International Journal of Cancer</i> , 2014 , 134, 1648-58	7.5	27
40	Aminopyrrolic synthetic receptors for monosaccharides: a class of carbohydrate-binding agents endowed with antibiotic activity versus pathogenic yeasts. <i>Chemistry - A European Journal</i> , 2012 , 18, 5064-72	4.8	26
39	MARCKS is a downstream effector in platelet-derived growth factor-induced cell motility in activated human hepatic stellate cells. <i>Experimental Cell Research</i> , 2008 , 314, 1444-54	4.2	25

38	CHK2 overexpression and mislocalisation within mitotic structures enhances chromosomal instability and hepatocellular carcinoma progression. <i>Gut</i> , 2018 , 67, 348-361	19.2	24
37	Effects of oxygen and glucose deprivation on synaptic transmission in rat dentate gyrus: role of A2A adenosine receptors. <i>Neuropharmacology</i> , 2013 , 67, 511-20	5.5	24
36	Peroxisome proliferator-activated receptor and retinoic x receptor in alcoholic liver disease. <i>PPAR Research</i> , 2009 , 2009, 748174	4.3	23
35	Molecular mechanisms underlying the pro-inflammatory synergistic effect of tumor necrosis factor alpha and interferon gamma in human microvascular endothelium. <i>European Journal of Cell Biology</i> , 2009 , 88, 731-42	6.1	23
34	The RNA-binding protein HuD promotes spinal GAP43 overexpression in antiretroviral-induced neuropathy. <i>Experimental Neurology</i> , 2014 , 261, 343-53	5.7	21
33	Antidiabetic thiazolidinediones induce ductal differentiation but not apoptosis in pancreatic cancer cells. <i>World Journal of Gastroenterology</i> , 2005 , 11, 1122-30	5.6	20
32	Mito-Nuclear Communication in Hepatocellular Carcinoma Metabolic Rewiring. <i>Cells</i> , 2019 , 8,	7.9	19
31	Tadalafil reduces visceral adipose tissue accumulation by promoting preadipocytes differentiation towards a metabolically healthy phenotype: Studies in rabbits. <i>Molecular and Cellular Endocrinology</i> , 2016 , 424, 50-70	4.4	19
30	The microenvironment induces collective migration in -silenced mouse pheochromocytoma spheroids. <i>Endocrine-Related Cancer</i> , 2017 , 24, 555-564	5.7	19
29	P2 receptor antagonists prevent synaptic failure and extracellular signal-regulated kinase 1/2 activation induced by oxygen and glucose deprivation in rat CA1 hippocampus in vitro. <i>European Journal of Neuroscience</i> , 2011 , 33, 2203-15	3.5	18
28	8-Oxo-7,8-dihydro-2'-deoxyguanosine and other lesions along the coding strand of the exon 5 of the tumour suppressor gene P53 in a breast cancer case-control study. <i>DNA Research</i> , 2016 , 23, 395-402	4.5	17
27	Combining in-cell NMR and X-ray fluorescence microscopy to reveal the intracellular maturation states of human superoxide dismutase 1. <i>Chemical Communications</i> , 2015 , 51, 584-7	5.8	16
26	MARCKS actin-binding capacity mediates actin filament assembly during mitosis in human hepatic stellate cells. <i>American Journal of Physiology - Cell Physiology</i> , 2012 , 303, C357-67	5.4	16
25	Inhibition of spinal ERK1/2-c-JUN signaling pathway counteracts the development of low doses morphine-induced hyperalgesia. <i>European Journal of Pharmacology</i> , 2015 , 764, 271-277	5.3	15
24	The selective antagonism of P2X7 and P2Y1 receptors prevents synaptic failure and affects cell proliferation induced by oxygen and glucose deprivation in rat dentate gyrus. <i>PLoS ONE</i> , 2014 , 9, e115273	2.7	12
23	Rapamycin inhibits mTOR/p70S6K activation in CA3 region of the hippocampus of the rat and impairs long term memory. <i>Neurobiology of Learning and Memory</i> , 2017 , 137, 15-26	3.1	11
22	The orphan nuclear receptor COUP-TFII coordinates hypoxia-independent proangiogenic responses in hepatic stellate cells. <i>Journal of Hepatology</i> , 2017 , 66, 754-764	13.4	11
21	Magnetic Hyperthermia and Oxidative Damage to DNA of Human Hepatocarcinoma Cells. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	11

20	Activation of ERK/CREB pathway in noradrenergic neurons contributes to hypernociceptive phenotype in H4 receptor knockout mice after nerve injury. <i>Neuropharmacology</i> , 2018 , 128, 340-350	5.5	10
19	Liver haploinsufficiency of RuvBL1 causes hepatic insulin resistance and enhances hepatocellular carcinoma progression. <i>International Journal of Cancer</i> , 2020 , 146, 3410-3422	7.5	9
18	Telomerase activated thymidine analogue pro-drug is a new molecule targeting hepatocellular carcinoma. <i>Journal of Hepatology</i> , 2014 , 61, 1064-72	13.4	8
17	The G protein-coupled oestrogen receptor, GPER1, mediates direct anti-inflammatory effects of oestrogens in human cholinergic neurones from the nucleus basalis of Meynert. <i>Journal of Neuroendocrinology</i> , 2020 , 32, e12837	3.8	6
16	DNA Damage Response Protein CHK2 Regulates Metabolism in Liver Cancer. <i>Cancer Research</i> , 2021 , 81, 2861-2873	10.1	6
15	Testosterone treatment is associated with reduced adipose tissue dysfunction and nonalcoholic fatty liver disease in obese hypogonadal men. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 819-842	5.2	6
14	Increase of neurofilament-H protein in sensory neurons in antiretroviral neuropathy: Evidence for a neuroprotective response mediated by the RNA-binding protein HuD. <i>Pharmacological Research</i> , 2016 , 111, 23-33	10.2	5
13	Anti-myelin associated glycoprotein antibodies recognize HNK-1 epitope on CNS. <i>Journal of Neuroimmunology</i> , 2011 , 236, 99-105	3.5	5
12	Nuclear Receptors in the Regulation of Lipid Metabolism. <i>Current Cardiovascular Risk Reports</i> , 2010 , 4, 142-149	0.9	5
11	VEGF-A/VEGFR-1 signalling and chemotherapy-induced neuropathic pain: therapeutic potential of a novel anti-VEGFR-1 monoclonal antibody. <i>Journal of Experimental and Clinical Cancer Research</i> , 2021 , 40, 320	12.8	4
10	Non-small-bowel lesions identification by capsule endoscopy: A single centre retrospective study. <i>Clinics and Research in Hepatology and Gastroenterology</i> , 2021 , 45, 101409	2.4	2
9	Effect of acetylsalicylic acid on inflamed adipose tissue. Insulin resistance and hepatic steatosis in a mouse model of diet-induced obesity. <i>Life Sciences</i> , 2021 , 264, 118618	6.8	2
8	Lipid Cubic Mesophases Combined with Superparamagnetic Iron Oxide Nanoparticles: A Hybrid Multifunctional Platform with Tunable Magnetic Properties for Nanomedical Applications. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
7	Stevens-Johnson Syndrome and Herpes Simplex Type 1 Infection during Adalimumab Therapy for Crohn's Disease. <i>Case Reports in Gastrointestinal Medicine</i> , 2020 , 2020, 3875024	0.6	1
6	Novel methods to detect ROS in viable spermatozoa of native semen samples. <i>Reproductive Toxicology</i> , 2021 , 106, 51-60	3.4	1
5	Activated fibroblasts enhance cancer cell migration by microvesicles-mediated transfer of Galectin-1. <i>Journal of Cell Communication and Signaling</i> , 2021 , 15, 405-419	5.2	1
4	Treatment potential of LPCN 1144 on liver health and metabolic regulation in a non-genomic, high fat diet induced NASH rabbit model. <i>Journal of Endocrinological Investigation</i> , 2021 , 44, 2175-2193	5.2	1
3	SDHB and SDHD silenced pheochromocytoma spheroids respond differently to tumour microenvironment and their aggressiveness is inhibited by impairing stroma metabolism.. <i>Molecular and Cellular Endocrinology</i> , 2022 , 547, 111594	4.4	0

- 2 Glucocorticoid-induced leucine zipper regulates liver fibrosis by suppressing CCL2-mediated leukocyte recruitment. *Cell Death and Disease*, **2021**, 12, 421 9.8 0
- 1 Increased Risk of Liver Cirrhosis during Azathioprine Therapy for Crohn's Disease. *Case Reports in Gastrointestinal Medicine*, **2020**, 2020, 6726384 0.6