

# Michele Vacca

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

3,403  
citations

185998

28  
h-index

155451

55  
g-index

63  
all docs

63  
docs citations

63  
times ranked

5684  
citing authors

#	ARTICLE	IF	CITATIONS
1	NASH limits anti-tumour surveillance in immunotherapy-treated HCC. <i>Nature</i> , 2021, 592, 450-456.	13.7	649
2	Genome-wide association study of non-alcoholic fatty liver and steatohepatitis in a histologically characterised cohort. <i>Journal of Hepatology</i> , 2020, 73, 505-515.	1.8	279
3	Transcriptomic profiling across the nonalcoholic fatty liver disease spectrum reveals gene signatures for steatohepatitis and fibrosis. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	205
4	Epidemiological transition of colorectal cancer in developing countries: Environmental factors, molecular pathways, and opportunities for prevention. <i>World Journal of Gastroenterology</i> , 2014, 20, 6055.	1.4	203
5	Adipose Tissue-Liver Cross Talk in the Control of Whole-Body Metabolism: Implications in Nonalcoholic Fatty Liver Disease. <i>Gastroenterology</i> , 2020, 158, 1899-1912.	0.6	157
6	Diagnostic accuracy of elastography and magnetic resonance imaging in patients with NAFLD: A systematic review and meta-analysis. <i>Journal of Hepatology</i> , 2021, 75, 770-785.	1.8	149
7	Lipid zonation and phospholipid remodeling in nonalcoholic fatty liver disease. <i>Hepatology</i> , 2017, 65, 1165-1180.	3.6	138
8	Pericardial Adipose Tissue Regulates Granulopoiesis, Fibrosis, and Cardiac Function After Myocardial Infarction. <i>Circulation</i> , 2018, 137, 948-960.	1.6	114
9	Prevention of spontaneous hepatocarcinogenesis in farnesoid X receptor null mice by intestinal-specific farnesoid X receptor reactivation. <i>Hepatology</i> , 2015, 61, 161-170.	3.6	97
10	Integrative miRNA and whole-genome analyses of epicardial adipose tissue in patients with coronary atherosclerosis. <i>Cardiovascular Research</i> , 2016, 109, 228-239.	1.8	87
11	Liver X Receptors Inhibit Proliferation of Human Colorectal Cancer Cells and Growth of Intestinal Tumors in Mice. <i>Gastroenterology</i> , 2013, 144, 1497-1507.e13.	0.6	85
12	Genes and miRNA expression signatures in peripheral blood mononuclear cells in healthy subjects and patients with metabolic syndrome after acute intake of extra virgin olive oil. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1671-1680.	1.2	84
13	Hepatic steatosis risk is partly driven by increased de novo lipogenesis following carbohydrate consumption. <i>Genome Biology</i> , 2018, 19, 79.	3.8	83
14	Lipid Remodeling in Hepatocyte Proliferation and Hepatocellular Carcinoma. <i>Hepatology</i> , 2021, 73, 1028-1044.	3.6	76
15	Down-regulation of the LXR transcriptome provides the requisite cholesterol levels to proliferating hepatocytes. <i>Hepatology</i> , 2010, 51, 1334-1344.	3.6	62
16	Lipid-sensing nuclear receptors in the pathophysiology and treatment of the metabolic syndrome. <i>Wiley Interdisciplinary Reviews: Systems Biology and Medicine</i> , 2011, 3, 562-587.	6.6	56
17	Macrophage scavenger receptor 1 mediates lipid-induced inflammation in non-alcoholic fatty liver disease. <i>Journal of Hepatology</i> , 2022, 76, 1001-1012.	1.8	54
18	Fatty Acid and Glucose Sensors in Hepatic Lipid Metabolism: Implications in NAFLD. <i>Seminars in Liver Disease</i> , 2015, 35, 250-261.	1.8	46

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19	Intestinal mucosal damage caused by non-steroidal anti-inflammatory drugs: Role of bile salts. <i>Clinical Biochemistry</i> , 2007, 40, 503-510.	0.8	45
20	Nuclear receptors in regenerating liver and hepatocellular carcinoma. <i>Molecular and Cellular Endocrinology</i> , 2013, 368, 108-119.	1.6	40
21	Parallel intestinal and liver injury during early cholestasis in the rat: Modulation by bile salts and antioxidants. <i>Free Radical Biology and Medicine</i> , 2007, 42, 1381-1391.	1.3	39
22	Identification of miR-9-5p as direct regulator of ABCA1 and HDL-driven reverse cholesterol transport in circulating CD14+ cells of patients with metabolic syndrome. <i>Cardiovascular Research</i> , 2018, 114, 1154-1164.	1.8	38
23	Polyphenol administration impairs Tâ€cell proliferation by imprinting a distinct dendritic cell maturational profile. <i>European Journal of Immunology</i> , 2015, 45, 2638-2649.	1.6	36
24	Impaired gallbladder motility and delayed orocecal transit contribute to pigment gallstone and biliary sludge formation in Î²-thalassemia major adults. <i>World Journal of Gastroenterology</i> , 2004, 10, 2383.	1.4	35
25	Long-Term Functional Assessment of Antegrade Colonic Enema for Combined Incontinence and Constipation Using a Modified Marsh and Kiff Technique. <i>Diseases of the Colon and Rectum</i> , 2007, 50, 1023-1031.	0.7	32
26	Phenyl-Î³-valerolactones, flavan-3-ol colonic metabolites, protect brown adipocytes from oxidative stress without affecting their differentiation or function. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700074.	1.5	31
27	Bone morphogenetic protein 8B promotes the progression of non-alcoholic steatohepatitis. <i>Nature Metabolism</i> , 2020, 2, 514-531.	5.1	31
28	Primary sclerosing cholangitis: Updates in diagnosis and therapy. <i>World Journal of Gastroenterology</i> , 2005, 11, 7.	1.4	30
29	RNF43/ZNRF3 loss predisposes to hepatocellular-carcinoma by impairing liver regeneration and altering the liver lipid metabolic ground-state. <i>Nature Communications</i> , 2022, 13, 334.	5.8	28
30	Integrative genetic, epigenetic and pathological analysis of paraganglioma reveals complex dysregulation of NOTCH signaling. <i>Acta Neuropathologica</i> , 2013, 126, 575-594.	3.9	27
31	Nuclear receptors expression chart in peripheral blood mononuclear cells identifies patients with Metabolic Syndrome. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 2289-2301.	1.8	24
32	Clustering Nuclear Receptors in Liver Regeneration Identifies Candidate Modulators of Hepatocyte Proliferation and Hepatocarcinoma. <i>PLoS ONE</i> , 2014, 9, e104449.	1.1	24
33	Beneficial effects of oral tilactase on patients with hypolactasia. <i>European Journal of Clinical Investigation</i> , 2008, 38, 835-844.	1.7	23
34	Î²2-spectrin (SPTBN1) as a therapeutic target for diet-induced liver disease and preventing cancer development. <i>Science Translational Medicine</i> , 2021, 13, eabk2267.	5.8	23
35	Age-related changes in basal substrate oxidation and visceral adiposity and their association with metabolic syndrome. <i>European Journal of Nutrition</i> , 2016, 55, 1755-1767.	1.8	22
36	Long-chain ceramides are cell non-autonomous signals linking lipotoxicity to endoplasmic reticulum stress in skeletal muscle. <i>Nature Communications</i> , 2022, 13, 1748.	5.8	21

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37	Identification of peculiar gene expression profile in peripheral blood mononuclear cells (PBMC) of celiac patients on gluten free diet. PLoS ONE, 2018, 13, e0197915.	1.1	20
38	Suppression of insulin-induced gene 1 (INSIG1) function promotes hepatic lipid remodelling and restrains NASH progression. Molecular Metabolism, 2021, 48, 101210.	3.0	20
39	Moderate Exercise Inhibits Age-Related Inflammation, Liver Steatosis, Senescence, and Tumorigenesis. Journal of Immunology, 2021, 206, 904-916.	0.4	20
40	Increased serum miR-193a-5p during non-alcoholic fatty liver disease progression: Diagnostic and mechanistic relevance. JHEP Reports, 2022, 4, 100409.	2.6	20
41	Neuron-Derived Orphan Receptor 1 Promotes Proliferation of Quiescent Hepatocytes. Gastroenterology, 2013, 144, 1518-1529.e3.	0.6	18
42	Metabolic dysfunction and cancer in HCV: Shared pathways and mutual interactions. Journal of Hepatology, 2022, 77, 219-236.	1.8	16
43	Dysregulation of macrophage PEPD in obesity determines adipose tissue fibro-inflammation and insulin resistance. Nature Metabolism, 2022, 4, 476-494.	5.1	16
44	Current Treatments of Primary Sclerosing Cholangitis. Current Medicinal Chemistry, 2007, 14, 2081-2094.	1.2	15
45	Lipidomic Approaches to Study HDL Metabolism in Patients with Central Obesity Diagnosed with Metabolic Syndrome. International Journal of Molecular Sciences, 2022, 23, 6786.	1.8	15
46	The stem/progenitor landscape is reshaped in a mouse model of essential thrombocythemia and causes excess megakaryocyte production. Science Advances, 2020, 6, .	4.7	14
47	Multidetector Computed Tomography in the Preoperative Evaluation of Retrosternal Goiters: A Useful Procedure for Patients for Whom Magnetic Resonance Imaging Is Contraindicated. Thyroid, 2010, 20, 181-187.	2.4	10
48	Early Neutrophilia Marked by Aerobic Glycolysis Sustains Host Metabolism and Delays Cancer Cachexia. Cancers, 2022, 14, 963.	1.7	9
49	The inulin hydrogen breath test predicts the quality of colonic preparation. Surgical Endoscopy and Other Interventional Techniques, 2014, 28, 1579-1587.	1.3	7
50	Short-term benefits of an unrestricted-calorie traditional Mediterranean diet, modified with a reduced consumption of carbohydrates at evening, in overweight-obese patients. International Journal of Food Sciences and Nutrition, 2017, 68, 234-248.	1.3	6
51	Transcriptional, epigenetic and metabolic signatures in cardiometabolic syndrome defined by extreme phenotypes. Clinical Epigenetics, 2022, 14, 39.	1.8	6
52	Hepatic MicroRNA Expression by PGC-1 $\alpha$ and PGC-1 $\beta$ in the Mouse. International Journal of Molecular Sciences, 2019, 20, 5735.	1.8	3
53	let-7e downregulation characterizes early phase colonic adenoma in APCMin/+ mice and human FAP subjects. PLoS ONE, 2021, 16, e0249238.	1.1	2
54	Modulation of Cholesterol Crystallization in Bile. Implications for Non- Surgical Treatment of Cholesterol Gallstone Disease. Current Drug Targets Immune, Endocrine and Metabolic Disorders, 2005, 5, 177-184.	1.8	1

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55	Intracoronary monocyte expression pattern and HDL subfractions after non-ST elevation myocardial infarction. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 166116.	1.8	1
56	Cholesterol derivatives as signalling molecules regulating nuclear receptors and cell proliferation. <i>Chemistry and Physics of Lipids</i> , 2009, 160, S5.	1.5	0
57	Use of Proxis for percutaneous coronary intervention in patients with totally occluded saphenous vein grafts: an alternative approach. <i>Journal of Cardiovascular Medicine</i> , 2009, 10, 869-874.	0.6	0
58	The "Hemolysis Model" for the Study of Cyto-Toxicity and Cyto-Protection by Bile Salts and Phospholipids. , 2006, 578, 93-99.		0
59	Reply. <i>Hepatology</i> , 2022, 75, 1347-1348.	3.6	0