

# Michelangelo Foti

## List of Publications by Year in descending order

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53  
papers

3,638  
citations

136885

32  
h-index

175177

52  
g-index

56  
all docs

56  
docs citations

56  
times ranked

5062  
citing authors

#	ARTICLE	IF	CITATIONS
1	Deciphering miRNAs' Action through miRNA Editing. International Journal of Molecular Sciences, 2019, 20, 6249.	1.8	518
2	Mapping of tetraspanin-enriched microdomains that can function as gateways for HIV-1. Journal of Cell Biology, 2006, 173, 795-807.	2.3	218
3	The hepatitis C virus core protein of genotypes 3a and 1b downregulates insulin receptor substrate 1 through genotype-specific mechanisms. Hepatology, 2007, 45, 1164-1171.	3.6	214
4	Unsaturated fatty acids inhibit the expression of tumor suppressor phosphatase and tensin homolog (PTEN) via microRNA-21 up-regulation in hepatocytes. Hepatology, 2009, 49, 1176-1184.	3.6	172
5	miRNAs and NAFLD: from pathophysiology to therapy. Gut, 2019, 68, 2065-2079.	6.1	156
6	The HIV-1 Nef Protein Acts as a Connector with Sorting Pathways in the Golgi and at the Plasma Membrane. Immunity, 1997, 6, 67-77.	6.6	149
7	Non-genomic loss of PTEN function in cancer: not in my genes. Trends in Pharmacological Sciences, 2011, 32, 131-140.	4.0	137
8	Chronic mTOR inhibition by rapamycin induces muscle insulin resistance despite weight loss in rats. British Journal of Pharmacology, 2012, 165, 2325-2340.	2.7	137
9	PTEN Down-Regulation by Unsaturated Fatty Acids Triggers Hepatic Steatosis via an NF- $\kappa$ B/p65/mTOR-Dependent Mechanism. Gastroenterology, 2008, 134, 268-280.	0.6	132
10	Unsaturated fatty acids promote hepatoma proliferation and progression through downregulation of the tumor suppressor PTEN. Journal of Hepatology, 2009, 50, 1132-1141.	1.8	120
11	Stress-activated miR-21/miR-21* in hepatocytes promotes lipid and glucose metabolic disorders associated with high-fat diet consumption. Gut, 2016, 65, 1871-1881.	6.1	114
12	Nef-mediated Clathrin-coated Pit Formation. Journal of Cell Biology, 1997, 139, 37-47.	2.3	102
13	The neck of caveolae is a distinct plasma membrane subdomain that concentrates insulin receptors in 3T3-L1 adipocytes. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 1242-1247.	3.3	87
14	PTEN and SHIP2 phosphoinositide phosphatases as negative regulators of insulin signalling. Archives of Physiology and Biochemistry, 2006, 112, 89-104.	1.0	76
15	Cellular and molecular effects of the mTOR inhibitor everolimus. Clinical Science, 2015, 129, 895-914.	1.8	74
16	PTEN in liver diseases and cancer. World Journal of Gastroenterology, 2010, 16, 4627.	1.4	71
17	Microarray analyses and molecular profiling of steatosis induction in immortalized human hepatocytes. Laboratory Investigation, 2007, 87, 792-806.	1.7	69
18	Down-regulation of phosphatase and tensin homolog by hepatitis C virus core 3a in hepatocytes triggers the formation of large lipid droplets. Hepatology, 2011, 54, 38-49.	3.6	66

#	ARTICLE	IF	CITATIONS
19	Immunopositivity for Histone MacroH2A1 Isoforms Marks Steatosis-Associated Hepatocellular Carcinoma. PLoS ONE, 2013, 8, e54458.	1.1	63
20	C11orf83, a Mitochondrial Cardiolipin-Binding Protein Involved in $\text{bc}1$ Complex Assembly and Supercomplex Stabilization. Molecular and Cellular Biology, 2015, 35, 1139-1156.	1.1	62
21	MicroRNAs-Dependent Regulation of PPARs in Metabolic Diseases and Cancers. PPAR Research, 2017, 2017, 1-19.	1.1	56
22	PTEN Downregulation Promotes $\beta$ -Oxidation to Fuel Hypertrophic Liver Growth After Hepatectomy in Mice. Hepatology, 2017, 66, 908-921.	3.6	54
23	PTEN at the crossroad of metabolic diseases and cancer in the liver. Annals of Hepatology, 2008, 7, 192-199.	0.6	53
24	PPARs in Liver Diseases and Cancer: Epigenetic Regulation by MicroRNAs. PPAR Research, 2012, 2012, 1-16.	1.1	53
25	PTEN in Non-Alcoholic Fatty Liver Disease/Non-Alcoholic Steatohepatitis and Cancer. Digestive Diseases, 2010, 28, 236-246.	0.8	50
26	S100A11/ANXA2 belongs to a tumour suppressor/oncogene network deregulated early with steatosis and involved in inflammation and hepatocellular carcinoma development. Gut, 2020, 69, 1841-1854.	6.1	50
27	Hepatic PTEN deficiency improves muscle insulin sensitivity and decreases adiposity in mice. Journal of Hepatology, 2015, 62, 421-429.	1.8	49
28	Hydroxysteroid (17 $\beta$ ) dehydrogenase 13 deficiency triggers hepatic steatosis and inflammation in mice. FASEB Journal, 2018, 32, 3434-3447.	0.2	49
29	p56Lck anchors CD4 to distinct microdomains on microvilli. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2008-2013.	3.3	45
30	PTEN protein phosphatase activity regulates hepatitis C virus secretion through modulation of cholesterol metabolism. Journal of Hepatology, 2013, 59, 420-426.	1.8	37
31	Human Immunodeficiency Virus Type 1 and Influenza Virus Exit via Different Membrane Microdomains. Journal of Virology, 2007, 81, 12630-12640.	1.5	36
32	Insulin and IGF-1 Receptor Trafficking and Signalling. Novartis Foundation Symposium, 2008, , 125-147.	1.2	36
33	MicroRNAs in Fatty Liver Disease. Seminars in Liver Disease, 2015, 35, 012-025.	1.8	35
34	Heat-stability study of various insulin types in tropical temperature conditions: New insights towards improving diabetes care. PLoS ONE, 2021, 16, e0245372.	1.1	32
35	Anti-tumoral effects of exercise on hepatocellular carcinoma growth. Hepatology Communications, 2018, 2, 607-620.	2.0	30
36	Exercise Attenuates the Transition from Fatty Liver to Steatohepatitis and Reduces Tumor Formation in Mice. Cancers, 2020, 12, 1407.	1.7	27

#	ARTICLE	IF	CITATIONS
37	Activation of the oncogenic miR-21 promotes HCV replication and steatosis induced by the viral core 3a protein. <i>Liver International</i> , 2019, 39, 1226-1236.	1.9	24
38	Genetic Ablation of MiR-22 Fosters Diet-Induced Obesity and NAFLD Development. <i>Journal of Personalized Medicine</i> , 2020, 10, 170.	1.1	21
39	Tumor Suppressor PTEN Regulates Negatively Sertoli Cell Proliferation, Testis Size, and Sperm Production In Vivo. <i>Endocrinology</i> , 2019, 160, 387-398.	1.4	20
40	mRNA Post-Transcriptional Regulation by AU-Rich Element-Binding Proteins in Liver Inflammation and Cancer. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6648.	1.8	19
41	Mir-21 Suppression Promotes Mouse Hepatocarcinogenesis. <i>Cancers</i> , 2021, 13, 4983.	1.7	17
42	Insulin and IGF-1 receptor trafficking and signalling. <i>Novartis Foundation Symposium</i> , 2004, 262, 125-41; discussion 141-7, 265-8.	1.2	17
43	CD4 dimerization requires two cysteines in the cytoplasmic domain of the molecule and occurs in microdomains distinct from lipid rafts. <i>Molecular Immunology</i> , 2010, 47, 2594-2603.	1.0	16
44	GDF11 induces mild hepatic fibrosis independent of metabolic health. <i>Aging</i> , 2020, 12, 20024-20046.	1.4	16
45	Phosphatase and tensin homolog is a differential diagnostic marker between nonalcoholic and alcoholic fatty liver disease. <i>World Journal of Gastroenterology</i> , 2016, 22, 3735.	1.4	11
46	Tristetraprolin Promotes Hepatic Inflammation and Tumor Initiation but Restrains Cancer Progression to Malignancy. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2021, 11, 597-621.	2.3	10
47	GDF11 rapidly increases lipid accumulation in liver cancer cells through ALK5-dependent signaling. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158920.	1.2	9
48	The Emerging Role of Stress Granules in Hepatocellular Carcinoma. <i>International Journal of Molecular Sciences</i> , 2021, 22, 9428.	1.8	8
49	Statins May Protect Against Hepatocellular Carcinoma Development in Patients Infected With Hepatitis C Virus, but What Are the Mechanisms?. <i>Journal of Clinical Oncology</i> , 2013, 31, 4160-4161.	0.8	5
50	Exercise Improves Outcomes of Surgery on Fatty Liver in Mice. <i>Annals of Surgery</i> , 2020, 271, 347-355.	2.1	5
51	NFATc4: New hub in NASH development. <i>Journal of Hepatology</i> , 2020, 73, 1313-1315.	1.8	5
52	Hepatic PTEN Signaling Regulates Systemic Metabolic Homeostasis through Hepatokines-Mediated Liver-to-Peripheral Organs Crosstalk. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3959.	1.8	5
53	TIA1 Loss Exacerbates Fatty Liver Disease but Exerts a Dual Role in Hepatocarcinogenesis. <i>Cancers</i> , 2022, 14, 1704.	1.7	1