

# Michele Longo

## List of Publications by Year in descending order

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Version: 2024-02-01

38  
papers

2,509  
citations

331538

21  
h-index

315616

38  
g-index

39  
all docs

39  
docs citations

39  
times ranked

4064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Adipose Tissue Dysfunction as Determinant of Obesity-Associated Metabolic Complications. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2358.	1.8	844
2	Chronic Adipose Tissue Inflammation Linking Obesity to Insulin Resistance and Type 2 Diabetes. <i>Frontiers in Physiology</i> , 2019, 10, 1607.	1.3	527
3	Low-Dose Bisphenol-A Impairs Adipogenesis and Generates Dysfunctional 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2016, 11, e0150762.	1.1	144
4	Bisphenol-A Impairs Insulin Action and Up-Regulates Inflammatory Pathways in Human Subcutaneous Adipocytes and 3T3-L1 Cells. <i>PLoS ONE</i> , 2013, 8, e82099.	1.1	99
5	Methylglyoxal-Glyoxalase 1 Balance: The Root of Vascular Damage. <i>International Journal of Molecular Sciences</i> , 2017, 18, 188.	1.8	80
6	Prostate health index (phi) and prostate cancer antigen 3 (PCA3) significantly improve diagnostic accuracy in patients undergoing prostate biopsy. <i>Prostate</i> , 2013, 73, 227-235.	1.2	58
7	Methylglyoxal impairs endothelial insulin sensitivity both in vitro and in vivo. <i>Diabetologia</i> , 2014, 57, 1485-1494.	2.9	58
8	Pathologic endoplasmic reticulum stress induced by glucotoxic insults inhibits adipocyte differentiation and induces an inflammatory phenotype. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2016, 1863, 1146-1156.	1.9	54
9	Glucosamine-induced endoplasmic reticulum stress affects GLUT4 expression via activating transcription factor 6 in rat and human skeletal muscle cells. <i>Diabetologia</i> , 2010, 53, 955-965.	2.9	53
10	Epigenetic modifications of the Zfp/ZNF423 gene control murine adipogenic commitment and are dysregulated in human hypertrophic obesity. <i>Diabetologia</i> , 2018, 61, 369-380.	2.9	43
11	Hoxa5 undergoes dynamic DNA methylation and transcriptional repression in the adipose tissue of mice exposed to high-fat diet. <i>International Journal of Obesity</i> , 2016, 40, 929-937.	1.6	40
12	Understanding type 2 diabetes: from genetics to epigenetics. <i>Acta Diabetologica</i> , 2015, 52, 821-827.	1.2	39
13	Personalized medicine and Type 2 diabetes: lesson from epigenetics. <i>Epigenomics</i> , 2014, 6, 229-238.	1.0	37
14	IL-3 synergises with basophil-derived IL-4 and IL-13 to promote the alternative activation of human monocytes. <i>European Journal of Immunology</i> , 2015, 45, 2042-2051.	1.6	37
15	Specific CpG hyper-methylation leads to Ankrd26 gene down-regulation in white adipose tissue of a mouse model of diet-induced obesity. <i>Scientific Reports</i> , 2017, 7, 43526.	1.6	34
16	Productive Infection of Bovine Papillomavirus Type 2 in the Urothelial Cells of Naturally Occurring Urinary Bladder Tumors in Cattle and Water Buffaloes. <i>PLoS ONE</i> , 2013, 8, e62227.	1.1	30
17	Glucose-induced expression of the homeotic transcription factor Prep1 is associated with histone post-translational modifications in skeletal muscle. <i>Diabetologia</i> , 2016, 59, 176-186.	2.9	27
18	Nutritional Factors, DNA Methylation, and Risk of Type 2 Diabetes and Obesity: Perspectives and Challenges. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2983.	1.8	26

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19	The role of miR-190a in methylglyoxal-induced insulin resistance in endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 440-449.	1.8	24
20	Methylglyoxal accumulation de-regulates HoxA5 expression, thereby impairing angiogenesis in glyoxalase 1 knock-down mouse aortic endothelial cells. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 73-85.	1.8	24
21	PREP1 deficiency downregulates hepatic lipogenesis and attenuates steatohepatitis in mice. <i>Diabetologia</i> , 2013, 56, 2713-2722.	2.9	23
22	Low-dose Bisphenol-A Promotes Epigenetic Changes at Ppar $\beta$ Promoter in Adipose Precursor Cells. <i>Nutrients</i> , 2020, 12, 3498.	1.7	20
23	<i>ZMAT3</i> hypomethylation contributes to early senescence of preadipocytes from healthy first-degree relatives of type 2 diabetics. <i>Aging Cell</i> , 2022, 21, e13557.	3.0	19
24	miR-214-Dependent Increase of PHLPP2 Levels Mediates the Impairment of Insulin-Stimulated Akt Activation in Mouse Aortic Endothelial Cells Exposed to Methylglyoxal. <i>International Journal of Molecular Sciences</i> , 2018, 19, 522.	1.8	18
25	Hepatocyte nuclear factor (HNF)-4 $\beta$ -driven epigenetic silencing of the human PED gene. <i>Diabetologia</i> , 2010, 53, 1482-1492.	2.9	17
26	Peroxisome Proliferator-activated Receptor- $\beta$ Activation Enhances Insulin-stimulated Glucose Disposal by Reducing ped/pea-15 Gene Expression in Skeletal Muscle Cells. <i>Journal of Biological Chemistry</i> , 2012, 287, 42951-42961.	1.6	17
27	DNA Methylation and Type 2 Diabetes: Novel Biomarkers for Risk Assessment?. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11652.	1.8	17
28	Epigenetic silencing of the ANKRD26 gene correlates to the pro-inflammatory profile and increased cardio-metabolic risk factors in human obesity. <i>Clinical Epigenetics</i> , 2019, 11, 181.	1.8	15
29	Citrus aurantium L. dry extracts promote C/ebp $\beta$ expression and improve adipocyte differentiation in 3T3-L1 cells. <i>PLoS ONE</i> , 2018, 13, e0193704.	1.1	14
30	A peptide antagonist of Prep1-p160 interaction improves ceramide-induced insulin resistance in skeletal muscle cells. <i>Oncotarget</i> , 2017, 8, 71845-71858.	0.8	14
31	Altered <i>PTPRD</i> DNA methylation associates with restricted adipogenesis in healthy first-degree relatives of Type 2 diabetes subjects. <i>Epigenomics</i> , 2020, 12, 873-888.	1.0	13
32	High-fat diet unveils an enhancer element at the Ped/Pea-15 gene responsible for epigenetic memory in skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2018, 87, 70-79.	1.5	11
33	Prep1, A Homeodomain Transcription Factor Involved in Glucose and Lipid Metabolism. <i>Frontiers in Endocrinology</i> , 2018, 9, 346.	1.5	11
34	Adipocyte precursor cells from first degree relatives of type 2 diabetic patients feature changes in <i>hsa-miR-23a-5p</i> , <i>hsa-miR-193a-5p</i> , and <i>hsa-miR-193b-5p</i> and insulin-like growth factor 2 expression. <i>FASEB Journal</i> , 2021, 35, e21357.	1.5	11
35	A New Horizon of Liquid Biopsy in Thymic Epithelial Tumors: The Potential Utility of Circulating Cell-Free DNA. <i>Frontiers in Oncology</i> , 2020, 10, 602153.	1.3	5
36	Glyoxalase 1 knockdown induces age-related $\beta$ -cell dysfunction and glucose intolerance in mice. <i>EMBO Reports</i> , 2022, 23, .	2.0	5

#	ARTICLE	IF	CITATIONS
37	Low-dose oral etoposide is an active option for patients with heavily pre-treated thymic epithelial tumors.. Journal of Clinical Oncology, 2020, 38, 9074-9074.	0.8	2
38	HNF4 DIRECTS HISTONE METHYLATION TO SILENCE PED/PEA-15 EXPRESSION IN HUMAN HEPATOCYTES. , 0, 2008, .		0