

Liza Makowski

List of Publications by Year in descending order

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Version: 2024-02-01

76
papers

8,549
citations

87888

38
h-index

98798

67
g-index

80
all docs

80
docs citations

80
times ranked

13190
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic Reprogramming of Macrophages. <i>Journal of Biological Chemistry</i> , 2014, 289, 7884-7896.	3.4	672
2	Lack of macrophage fatty-acid-binding protein aP2 protects mice deficient in apolipoprotein E against atherosclerosis. <i>Nature Medicine</i> , 2001, 7, 699-705.	30.7	616
3	Treatment of diabetes and atherosclerosis by inhibiting fatty-acid-binding protein aP2. <i>Nature</i> , 2007, 447, 959-965.	27.8	613
4	Comprehensive Molecular Characterization of Pheochromocytoma and Paraganglioma. <i>Cancer Cell</i> , 2017, 31, 181-193.	16.8	532
5	The inflammation highway: metabolism accelerates inflammatory traffic in obesity. <i>Immunological Reviews</i> , 2012, 249, 218-238.	6.0	478
6	Cafeteria Diet Is a Robust Model of Human Metabolic Syndrome With Liver and Adipose Inflammation: Comparison to High-Fat Diet. <i>Obesity</i> , 2011, 19, 1109-1117.	3.0	467
7	Reducing endoplasmic reticulum stress through a macrophage lipid chaperone alleviates atherosclerosis. <i>Nature Medicine</i> , 2009, 15, 1383-1391.	30.7	426
8	The Fatty Acid-binding Protein, aP2, Coordinates Macrophage Cholesterol Trafficking and Inflammatory Activity. <i>Journal of Biological Chemistry</i> , 2005, 280, 12888-12895.	3.4	343
9	Cancer as a Matter of Fat: The Crosstalk between Adipose Tissue and Tumors. <i>Trends in Cancer</i> , 2018, 4, 374-384.	7.4	286
10	Fatty Acid Binding Proteins—The Evolutionary Crossroads of Inflammatory and Metabolic Responses. <i>Journal of Nutrition</i> , 2004, 134, 2464S-2468S.	2.9	235
11	Efferocytosis induces a novel SLC program to promote glucose uptake and lactate release. <i>Nature</i> , 2018, 563, 714-718.	27.8	220
12	Immunometabolism: From basic mechanisms to translation. <i>Immunological Reviews</i> , 2020, 295, 5-14.	6.0	208
13	Altered insulin secretion associated with reduced lipolytic efficiency in aP2 ^{-/-} mice. <i>Diabetes</i> , 1999, 48, 1987-1994.	0.6	192
14	Role of the Fatty Acid Binding Protein mal1 in Obesity and Insulin Resistance. <i>Diabetes</i> , 2003, 52, 300-307.	0.6	181
15	Combined Adipocyte-Macrophage Fatty Acid-binding Protein Deficiency Improves Metabolism, Atherosclerosis, and Survival in Apolipoprotein E-deficient Mice. <i>Circulation</i> , 2004, 110, 1492-1498.	1.6	178
16	The role of fatty acid binding proteins in metabolic syndrome and atherosclerosis. <i>Current Opinion in Lipidology</i> , 2005, 16, 543-548.	2.7	166
17	Adipocyte Fatty Acid-binding Protein, aP2, Alters Late Atherosclerotic Lesion Formation in Severe Hypercholesterolemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2002, 22, 1686-1691.	2.4	160
18	Dysregulation of fatty acid synthesis and glycolysis in non-Hodgkin lymphoma. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 11818-11823.	7.1	143

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19	Contribution of Adipose Tissue to Development of Cancer. , 2017, 8, 237-282.		139
20	DiffSplice: the genome-wide detection of differential splicing events with RNA-seq. Nucleic Acids Research, 2013, 41, e39-e39.	14.5	138
21	Antiproliferative and metabolic effects of metformin in a preoperative window clinical trial for endometrial cancer. Cancer Medicine, 2015, 4, 161-173.	2.8	124
22	Myeloid lineage cell-restricted insulin resistance protects apolipoproteinE-deficient mice against atherosclerosis. Cell Metabolism, 2006, 3, 247-256.	16.2	113
23	Metabolomic Profiling Reveals Mitochondrial-Derived Lipid Biomarkers That Drive Obesity-Associated Inflammation. PLoS ONE, 2012, 7, e38812.	2.5	111
24	Metabolic reprogramming through fatty acid transport protein 1 (FATP1) regulates macrophage inflammatory potential and adipose inflammation. Molecular Metabolism, 2016, 5, 506-526.	6.5	107
25	Normal breast tissue of obese women is enriched for macrophage markers and macrophage-associated gene expression. Breast Cancer Research and Treatment, 2012, 131, 1003-1012.	2.5	105
26	Myeloid <i>Slc2a1</i> -Deficient Murine Model Revealed Macrophage Activation and Metabolic Phenotype Are Fueled by GLUT1. Journal of Immunology, 2019, 202, 1265-1286.	0.8	104
27	Metabolic profiling of PPAR [±] mice reveals defects in carnitine and amino acid homeostasis that are partially reversed by oral carnitine supplementation. FASEB Journal, 2009, 23, 586-604.	0.5	101
28	Basal-like Breast Cancer Cells Induce Phenotypic and Genomic Changes in Macrophages. Molecular Cancer Research, 2012, 10, 727-738.	3.4	86
29	Impact of Tumor Microenvironment and Epithelial Phenotypes on Metabolism in Breast Cancer. Clinical Cancer Research, 2013, 19, 571-585.	7.0	84
30	Obesity, metabolism and the microenvironment: Links to cancer. Journal of Carcinogenesis, 2013, 12, 19.	2.5	81
31	The Cytochrome P450 Epoxygenase Pathway Regulates the Hepatic Inflammatory Response in Fatty Liver Disease. PLoS ONE, 2014, 9, e110162.	2.5	79
32	Transient Intermittent Hyperglycemia Accelerates Atherosclerosis by Promoting Myelopoiesis. Circulation Research, 2020, 127, 877-892.	4.5	77
33	Tumor Intrinsic Subtype Is Reflected in Cancer-Adjacent Tissue. Cancer Epidemiology Biomarkers and Prevention, 2015, 24, 406-414.	2.5	72
34	Factor XIIIa-expressing inflammatory monocytes promote lung squamous cancer through fibrin cross-linking. Nature Communications, 2018, 9, 1988.	12.8	69
35	Distinct microbial communities that differ by race, stage, or breast-tumor subtype in breast tissues of non-Hispanic Black and non-Hispanic White women. Scientific Reports, 2019, 9, 11940.	3.3	63
36	Role of LKB1 in lung cancer development. British Journal of Cancer, 2008, 99, 683-688.	6.4	54

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37	High XRCC1 Protein Expression Is Associated with Poorer Survival in Patients with Head and Neck Squamous Cell Carcinoma. <i>Clinical Cancer Research</i> , 2011, 17, 6542-6552.	7.0	49
38	Obesity increases tumor aggressiveness in a genetically engineered mouse model of serous ovarian cancer. <i>Gynecologic Oncology</i> , 2014, 133, 90-97.	1.4	45
39	Friend or Foe? Recent Strategies to Target Myeloid Cells in Cancer. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 351.	3.7	45
40	Cafeteria diet-induced obesity causes oxidative damage in white adipose. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 545-550.	2.1	44
41	Microbiome, bile acids, and obesity: How microbially modified metabolites shape anti-tumor immunity. <i>Immunological Reviews</i> , 2020, 295, 220-239.	6.0	43
42	Immune checkpoint blockade reprograms systemic immune landscape and tumor microenvironment in obesity-associated breast cancer. <i>Cell Reports</i> , 2021, 35, 109285.	6.4	38
43	Role of HGF in obesity-associated tumorigenesis: C3(1)-TAg mice as a model for human basal-like breast cancer. <i>Breast Cancer Research and Treatment</i> , 2013, 142, 489-503.	2.5	36
44	Role of HGF in epithelial-stromal cell interactions during progression from benign breast disease to ductal carcinoma in situ. <i>Breast Cancer Research</i> , 2013, 15, R82.	5.0	35
45	Weight Loss Reversed Obesity-Induced HGF/c-Met Pathway and Basal-Like Breast Cancer Progression. <i>Frontiers in Oncology</i> , 2014, 4, 175.	2.8	32
46	Adipose Inflammation and Macrophage Infiltration After Binge Ethanol and Burn Injury. <i>Alcoholism: Clinical and Experimental Research</i> , 2014, 38, 204-213.	2.4	27
47	Association between differential gene expression and body mass index among endometrial cancers from The Cancer Genome Atlas Project. <i>Gynecologic Oncology</i> , 2016, 142, 317-322.	1.4	27
48	Gene-by-environment modulation of lifespan and weight gain in the murine BXD family. <i>Nature Metabolism</i> , 2021, 3, 1217-1227.	11.9	27
49	Genistein effects on stromal cells determines epithelial proliferation in endometrial co-cultures. <i>Experimental and Molecular Pathology</i> , 2011, 90, 257-263.	2.1	20
50	Nutrition and Metabolic Correlates of Obesity and Inflammation: Clinical Considerations. <i>Journal of Nutrition</i> , 2015, 145, 1131S-1136S.	2.9	19
51	FTY720 Regulates Mitochondria Biogenesis in Dendritic Cells to Prevent Kidney Ischemic Reperfusion Injury. <i>Frontiers in Immunology</i> , 2020, 11, 1278.	4.8	19
52	Obesity-Mediated Regulation of HGF/c-Met Is Associated with Reduced Basal-Like Breast Cancer Latency in Parous Mice. <i>PLoS ONE</i> , 2014, 9, e111394.	2.5	18
53	SigFuge: single gene clustering of RNA-seq reveals differential isoform usage among cancer samples. <i>Nucleic Acids Research</i> , 2014, 42, e113-e113.	14.5	17
54	Weight loss reduces basal-like breast cancer through kinome reprogramming. <i>Cancer Cell International</i> , 2016, 16, 26.	4.1	16

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55	A conditional mouse expressing an activating mutation in <i>NRF2</i> displays hyperplasia of the upper gastrointestinal tract and decreased white adipose tissue. <i>Journal of Pathology</i> , 2020, 252, 125-137.	4.5	16
56	Role of TGF- β 2 in pancreatic ductal adenocarcinoma progression and PD-L1 expression. <i>Cellular Oncology (Dordrecht)</i> , 2021, 44, 673-687.	4.4	16
57	Stability of human plasma leptin concentrations within 36 hours following specimen collection. <i>Clinical Biochemistry</i> , 1999, 32, 87-89.	1.9	15
58	cMET inhibitor crizotinib impairs angiogenesis and reduces tumor burden in the C3(1)-Tag model of basal-like breast cancer. <i>SpringerPlus</i> , 2016, 5, 348.	1.2	14
59	Lack of myeloid <i>Fatp1</i> increases atherosclerotic lesion size in <i>Ldlr</i> ^{-/-} mice. <i>Atherosclerosis</i> , 2017, 266, 182-189.	0.8	14
60	Metabolism fine-tunes macrophage activation. <i>ELife</i> , 2016, 5, .	6.0	14
61	Reversal of obesity-driven aggressiveness of endometrial cancer by metformin. <i>American Journal of Cancer Research</i> , 2019, 9, 2170-2193.	1.4	14
62	Lipoprotein profiles, not anthropometric measures, correlate with serum lipoprotein(a) values in children: the Taipei children heart study. <i>European Journal of Epidemiology</i> , 2000, 16, 5-12.	5.7	12
63	Response to immune checkpoint blockade improved in pre-clinical model of breast cancer after bariatric surgery. <i>ELife</i> , 0, 11, .	6.0	11
64	TGF- β 2 Alters the Proportion of Infiltrating Immune Cells in a Pancreatic Ductal Adenocarcinoma. <i>Journal of Gastrointestinal Surgery</i> , 2022, 26, 113-121.	1.7	9
65	Increased efficacy of metformin corresponds to differential metabolic effects in the ovarian tumors from obese versus lean mice. <i>Oncotarget</i> , 2017, 8, 110965-110982.	1.8	9
66	PKC agonism restricts innate immune suppression, promotes antigen cross-presentation and synergizes with agonistic CD40 antibody therapy to activate CD8+ T cells in breast cancer. <i>Cancer Letters</i> , 2022, 531, 98-108.	7.2	6
67	The pancreatic cancer immune tumor microenvironment is negatively remodeled by gemcitabine while TGF- β 2 receptor plus dual checkpoint inhibition maintains antitumor immune cells. <i>Molecular Carcinogenesis</i> , 2022, 61, 549-557.	2.7	6
68	Glucose metabolism is linked to the inflammatory status of macrophages. <i>BMC Proceedings</i> , 2012, 6, .	1.6	3
69	Abstract 4871: Obesity-mediated regulation of HGF/c-Met and reduced basal-like breast cancer latency in parous mice. , 2014, , .		1
70	Myeloid lineage cell-restricted insulin resistance protects apolipoproteinE-deficient mice against atherosclerosis. <i>Cell Metabolism</i> , 2006, 3, 469.	16.2	0
71	Impact of stromal microenvironment on metabolic phenotypes in breast cancer: evidence for stroma-influenced Warburg effect. <i>BMC Proceedings</i> , 2012, 6, .	1.6	0
72	Metabolomic Profiling Reveals Pro-inflammatory Lipid Biomarkers Associated with Obesity. <i>FASEB Journal</i> , 2011, 25, .	0.5	0

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73	Fatty acid transport protein mediates macrophage polarization. FASEB Journal, 2012, 26, 364.6.	0.5	0
74	Fatty acid transport protein 1 mediates macrophage eicosanoid metabolism. FASEB Journal, 2013, 27, 373.5.	0.5	0
75	Myeloid-specific <i>Glut1</i> Ablation Attenuates Mammary Gland Inflammation and Claudin-low Breast Cancer Progression. FASEB Journal, 2018, 32, 270.1.	0.5	0
76	G-protein-coupled Bile Acid Receptor Attenuates Liver Injury in a Murine Model of Acute Parenteral Nutrition. FASEB Journal, 2018, 32, 759.6.	0.5	0