

Robert O'Rourke

List of Publications by Year in descending order

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Version: 2024-02-01

48
papers

2,114
citations

257450
24
h-index

243625
44
g-index

49
all docs

49
docs citations

49
times ranked

3673
citing authors

#	ARTICLE	IF	CITATIONS
1	Human CD206+ macrophages associate with diabetes and adipose tissue lymphoid clusters. JCI Insight, 2022, 7, .	5.0	24
2	Pathways to Severe COVID-19 for People with Obesity. Obesity, 2021, 29, 645-653.	3.0	36
3	Obesity results in adipose tissue T cell exhaustion. JCI Insight, 2021, 6, .	5.0	55
4	MDCT imaging in Spigelian hernia, clinical, and surgical implications. Clinical Imaging, 2021, 74, 131-138.	1.5	3
5	The human type 2 diabetes-specific visceral adipose tissue proteome and transcriptome in obesity. Scientific Reports, 2021, 11, 17394.	3.3	30
6	Regulation of adipose tissue inflammation and systemic metabolism in murine obesity by polymer implants loaded with lentiviral vectors encoding human interleukin-4. Biotechnology and Bioengineering, 2020, 117, 3891-3901.	3.3	6
7	Elucidating nanoscale mechanical properties of diabetic human adipose tissue using atomic force microscopy. Scientific Reports, 2020, 10, 20423.	3.3	11
8	Viscoelastic characterization of diabetic and non-diabetic human adipose tissue. Biorheology, 2020, 57, 15-26.	0.4	11
9	Cholesterol 25-hydroxylase (CH25H) as a promoter of adipose tissue inflammation in obesity and diabetes. Molecular Metabolism, 2020, 39, 100983.	6.5	38
10	Depot-specific adipocyte-extracellular matrix metabolic crosstalk in murine obesity. Adipocyte, 2020, 9, 189-196.	2.8	21
11	Serum biomarkers of inflammation and adiposity in the LABS cohort: associations with metabolic disease and surgical outcomes. International Journal of Obesity, 2019, 43, 285-296.	3.4	13
12	A Human 3D Extracellular Matrix-Adipocyte Culture Model for Studying Matrix-Cell Metabolic Crosstalk. Journal of Visualized Experiments, 2019, , .	0.3	2
13	Advanced glycation end-products regulate extracellular matrix-adipocyte metabolic crosstalk in diabetes. Scientific Reports, 2019, 9, 19748.	3.3	30
14	GM-CSF Administration Improves Defects in Innate Immunity and Sepsis Survival in Obese Diabetic Mice. Journal of Immunology, 2019, 202, 931-942.	0.8	22
15	Adipocyte Size Evaluation Based on Photoacoustic Spectral Analysis Combined with Deep Learning Method. Applied Sciences (Switzerland), 2018, 8, 2178.	2.5	6
16	Adipose tissue and the physiologic underpinnings of metabolic disease. Surgery for Obesity and Related Diseases, 2018, 14, 1755-1763.	1.2	29
17	Wernicke Encephalopathy Owing to Vitamin Nonadherence Following Bariatric Surgery. Michigan Journal of Medicine, 2018, 3, .	0.0	0
18	Differentiation and Metabolic Interrogation of Human Adipocytes. Methods in Molecular Biology, 2017, 1566, 61-76.	0.9	10

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19	Adipocyte hypertrophy-hyperplasia balance contributes to weight loss after bariatric surgery. <i>Adipocyte</i> , 2017, 6, 134-140.	2.8	21
20	Diabetes-Specific Regulation of Adipocyte Metabolism by the Adipose Tissue Extracellular Matrix. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 1032-1043.	3.6	44
21	Weight loss independent changes in adipose tissue macrophage and T cell populations after sleeve gastrectomy in mice. <i>Molecular Metabolism</i> , 2017, 6, 317-326.	6.5	29
22	Adipocytes promote pancreatic cancer cell proliferation via glutamine transfer. <i>Biochemistry and Biophysics Reports</i> , 2016, 7, 144-149.	1.3	47
23	Adipose Tissue Dendritic Cells Are Independent Contributors to Obesity-Induced Inflammation and Insulin Resistance. <i>Journal of Immunology</i> , 2016, 197, 3650-3661.	0.8	116
24	Adipose tissue fibrosis, hypertrophy, and hyperplasia: Correlations with diabetes in human obesity. <i>Obesity</i> , 2016, 24, 597-605.	3.0	250
25	CD40 promotes MHC class II expression on adipose tissue macrophages and regulates adipose tissue CD4+ T cells with obesity. <i>Journal of Leukocyte Biology</i> , 2016, 99, 1107-1119.	3.3	33
26	Obesity and Cancer. , 2016, , 111-123.		3
27	Preoperative factors and 3-year weight change in the Longitudinal Assessment of Bariatric Surgery (LABS) consortium. <i>Surgery for Obesity and Related Diseases</i> , 2015, 11, 1109-1118.	1.2	106
28	Effect of Reversible Intermittent Intra-abdominal Vagal Nerve Blockade on Morbid Obesity. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 915.	7.4	188
29	Systemic NK cell ablation attenuates intra-abdominal adipose tissue macrophage infiltration in murine obesity. <i>Obesity</i> , 2014, 22, 2109-2114.	3.0	49
30	An MHC II-Dependent Activation Loop between Adipose Tissue Macrophages and CD4+ T Cells Controls Obesity-Induced Inflammation. <i>Cell Reports</i> , 2014, 9, 605-617.	6.4	167
31	Obesity and cancer: at the crossroads of cellular metabolism and proliferation. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 1208-1219.	1.2	23
32	Endometrial hyperplasia, endometrial cancer, and obesity: convergent mechanisms regulating energy homeostasis and cellular proliferation. <i>Surgery for Obesity and Related Diseases</i> , 2014, 10, 926-928.	1.2	6
33	Inflammation, obesity, and the promise of immunotherapy for metabolic disease. <i>Surgery for Obesity and Related Diseases</i> , 2013, 9, 609-616.	1.2	12
34	Hexosamine Biosynthesis Is a Possible Mechanism Underlying Hypoxia's Effects on Lipid Metabolism in Human Adipocytes. <i>PLoS ONE</i> , 2013, 8, e71165.	2.5	19
35	Systemic inflammation and insulin sensitivity in obese IFN- γ knockout mice. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 1152-1161.	3.4	140
36	Management Strategies for Internal Hernia after Gastric Bypass. <i>Journal of Gastrointestinal Surgery</i> , 2011, 15, 1049-1054.	1.7	27

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37	Functional Lumen Imaging Probe to Assess Geometric Changes in the Esophagogastric Junction Following Endolumenal Fundoplication. Journal of Gastrointestinal Surgery, 2011, 15, 1112-1120.	1.7	37
38	Inflammation in obesity-related diseases. Surgery, 2009, 145, 255-259.	1.9	110
39	Transoral Endoscopic Inner Layer Esophagectomy: Management of High-Grade Dysplasia and Superficial Cancer with Organ Preservation. Journal of Gastrointestinal Surgery, 2009, 13, 2104-2112.	1.7	22
40	Molecular Mechanisms of Obesity and Diabetes: At the Intersection of Weight Regulation, Inflammation, and Glucose Homeostasis. World Journal of Surgery, 2009, 33, 2007-2013.	1.6	26
41	Predictors of Technical Skill Acquisition Among Resident Trainees in a Laparoscopic Skills Education Program. World Journal of Surgery, 2008, 32, 1917-1921.	1.6	70
42	VEGF Gene Therapy Augments Localized Angiogenesis and Promotes Anastomotic Wound Healing: A Pilot Study in a Clinically Relevant Animal Model. Journal of Gastrointestinal Surgery, 2008, 12, 1762-1772.	1.7	27
43	Incorporation of Nissen fundoplication in a rat model of duodeno-esophageal reflux. Surgical Endoscopy and Other Interventional Techniques, 2007, 21, 467-470.	2.4	2
44	Simultaneous Surgical Management of Achalasia and Morbid Obesity. Obesity Surgery, 2007, 17, 547-549.	2.1	21
45	A Model for Gastric Banding in the Treatment of Morbid Obesity. Annals of Surgery, 2006, 244, 723-733.	4.2	25
46	Unsedated Small-Caliber Upper Endoscopy: An Emerging Diagnostic and Therapeutic Technology. Surgical Innovation, 2006, 13, 31-39.	0.9	16
47	Alterations in T-Cell Subset Frequency in Peripheral Blood in Obesity. Obesity Surgery, 2005, 15, 1463-1468.	2.1	98
48	Laparoscopic biliary reconstruction. American Journal of Surgery, 2004, 187, 621-624.	1.8	28