

# Stacy Gelhaus Wendell

## List of Publications by Year in descending order

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Version: 2024-02-01

60  
papers

2,432  
citations

331670

21  
h-index

233421

45  
g-index

67  
all docs

67  
docs citations

67  
times ranked

3900  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metabolic support of tumour-infiltrating regulatory T cells by lactic acid. <i>Nature</i> , 2021, 591, 645-651.	27.8	492
2	Early TCR Signaling Induces Rapid Aerobic Glycolysis Enabling Distinct Acute T Cell Effector Functions. <i>Cell Reports</i> , 2018, 22, 1509-1521.	6.4	322
3	Treg Cells Promote the SREBP1-Dependent Metabolic Fitness of Tumor-Promoting Macrophages via Repression of CD8+ T Cell-Derived Interferon- $\gamma$ . <i>Immunity</i> , 2019, 51, 381-397.e6.	14.3	186
4	Germinal center B cells selectively oxidize fatty acids for energy while conducting minimal glycolysis. <i>Nature Immunology</i> , 2020, 21, 331-342.	14.5	172
5	Fatty acids, inflammation, and asthma. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1255-1264.	2.9	146
6	Redox-Dependent Anti-Inflammatory Signaling Actions of Unsaturated Fatty Acids. <i>Annual Review of Physiology</i> , 2014, 76, 79-105.	13.1	107
7	ERK1/2 Activation in Preexisting Oligodendrocytes of Adult Mice Drives New Myelin Synthesis and Enhanced CNS Function. <i>Journal of Neuroscience</i> , 2016, 36, 9186-9200.	3.6	92
8	Nitrite and nitrate-dependent generation of anti-inflammatory fatty acid nitroalkenes. <i>Free Radical Biology and Medicine</i> , 2015, 89, 333-341.	2.9	78
9	Key regulators of lipid metabolism drive endocrine resistance in invasive lobular breast cancer. <i>Breast Cancer Research</i> , 2018, 20, 106.	5.0	69
10	G Protein-Coupled Receptors in Asthma Therapy: Pharmacology and Drug Action. <i>Pharmacological Reviews</i> , 2020, 72, 1-49.	16.0	69
11	Nitro-fatty acid inhibition of triple-negative breast cancer cell viability, migration, invasion, and tumor growth. <i>Journal of Biological Chemistry</i> , 2018, 293, 1120-1137.	3.4	55
12	BOLA (Bola Family Member 3) Deficiency Controls Endothelial Metabolism and Glycine Homeostasis in Pulmonary Hypertension. <i>Circulation</i> , 2019, 139, 2238-2255.	1.6	54
13	Adropin treatment restores cardiac glucose oxidation in pre-diabetic obese mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 129, 174-178.	1.9	41
14	Graft IL-33 regulates infiltrating macrophages to protect against chronic rejection. <i>Journal of Clinical Investigation</i> , 2020, 130, 5397-5412.	8.2	41
15	CMPF, a Metabolite Formed Upon Prescription Omega-3-Acid Ethyl Ester Supplementation, Prevents and Reverses Steatosis. <i>EBioMedicine</i> , 2018, 27, 200-213.	6.1	35
16	Elevated microglial oxidative phosphorylation and phagocytosis stimulate post-stroke brain remodeling and cognitive function recovery in mice. <i>Communications Biology</i> , 2022, 5, 35.	4.4	33
17	15-Oxoeicosatetraenoic acid is a 15-hydroxyprostaglandin dehydrogenase-derived electrophilic mediator of inflammatory signaling pathways. <i>Chemico-Biological Interactions</i> , 2015, 234, 144-153.	4.0	31
18	Genetic Dissociation of Glycolysis and the TCA Cycle Affects Neither Normal nor Neoplastic Proliferation. <i>Cancer Research</i> , 2017, 77, 5795-5807.	0.9	31

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19	Nitro-fatty acid formation and metabolism. Nitric Oxide - Biology and Chemistry, 2018, 79, 38-44.	2.7	31
20	15-Hydroxyprostaglandin Dehydrogenase Generation of Electrophilic Lipid Signaling Mediators from Hydroxy $\omega$ -3 Fatty Acids. Journal of Biological Chemistry, 2015, 290, 5868-5880.	3.4	29
21	Sustained Dysbiosis and Decreased Fecal Short-Chain Fatty Acids after Traumatic Brain Injury and Impact on Neurologic Outcome. Journal of Neurotrauma, 2021, 38, 2610-2621.	3.4	27
22	A novel metabolic function of Myc in regulation of fatty acid synthesis in prostate cancer. Oncogene, 2021, 40, 592-602.	5.9	26
23	Metabolites Associated with Vigor to Frailty Among Community-Dwelling Older Black Men. Metabolites, 2019, 9, 83.	2.9	24
24	Conjugated Linoleic Acid Modulates Clinical Responses to Oral Nitrite and Nitrate. Hypertension, 2017, 70, 634-644.	2.7	23
25	Pilot Study of the Effect of Plant-Based Enteral Nutrition on the Gut Microbiota in Chronically Ill Tube-Fed Children. Journal of Parenteral and Enteral Nutrition, 2019, 43, 899-911.	2.6	22
26	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. PLoS Biology, 2020, 18, e3000981.	5.6	20
27	Metabolic Adaptation of Macrophages as Mechanism of Defense against Crystalline Silica. Journal of Immunology, 2021, 207, 1627-1640.	0.8	17
28	Loss of MAT2A compromises methionine metabolism and represents a vulnerability in H3K27M mutant glioma by modulating the epigenome. Nature Cancer, 2022, 3, 629-648.	13.2	16
29	Nitroalkene fatty acids modulate bile acid metabolism and lung function in obese asthma. Scientific Reports, 2021, 11, 17788.	3.3	15
30	Cutting Edge: TCR Signal Strength Regulates Acetyl-CoA Metabolism via AKT. Journal of Immunology, 2019, 203, 2771-2775.	0.8	13
31	Lactate oxidative phosphorylation by annulus fibrosus cells: evidence for lactate-dependent metabolic symbiosis in intervertebral discs. Arthritis Research and Therapy, 2021, 23, 145.	3.5	13
32	Bile salts promote ToxR regulon activation during growth under virulence inducing conditions.. Infection and Immunity, 2021, 89, e0044121.	2.2	10
33	Nrf2 activation protects against lithium-induced nephrogenic diabetes insipidus. JCI Insight, 2020, 5, .	5.0	10
34	Hepatic insulin sensitivity is improved in high-fat diet-fed Park2 knockout mice in association with increased hepatic AMPK activation and reduced steatosis. Physiological Reports, 2019, 7, e14281.	1.7	9
35	A Metabolite Composite Score Attenuated a Substantial Portion of the Higher Mortality Risk Associated With Frailty Among Community-Dwelling Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 378-384.	3.6	9
36	Opposing Effects of Cyclooxygenase-2 (COX-2) on Estrogen Receptor $\beta$ (ER $\beta$ ) Response to $5\alpha$ -Reductase Inhibition in Prostate Epithelial Cells. Journal of Biological Chemistry, 2016, 291, 14747-14760.	3.4	8

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37	Dichloroacetate-induced metabolic reprogramming improves lifespan in a Drosophila model of surviving sepsis. PLoS ONE, 2020, 15, e0241122.	2.5	8
38	Evaluation of 2-mercaptothiazolidine-4-carboxylic Acid, a Common Metabolite of Isothiocyanates, as a Potential Biomarker of Cruciferous Vegetable Intake. Molecular Nutrition and Food Research, 2019, 63, e1801029.	3.3	7
39	Sulforaphane Diminishes the Formation of Mammary Tumors in Rats Exposed to 17 $\beta$ -Estradiol. Nutrients, 2020, 12, 2282.	4.1	7
40	Discovery of bactericides as an acute mitochondrial membrane damage inducer. Molecular Biology of the Cell, 2021, 32, ar32.	2.1	6
41	Metabolites Associated with Walking Ability Among the Oldest Old from the CHS All Stars Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 2371-2378.	3.6	5
42	Synthesis of an electrophilic keto-tetraene 15-oxo-Lipoxin A4 methyl ester via a MIDA boronate. Tetrahedron Letters, 2018, 59, 3524-3527.	1.4	4
43	Electrophile Modulation of Inflammation: A Two-Hit Approach. Metabolites, 2020, 10, 453.	2.9	4
44	Immunomodulatory actions of a kynurenine-derived endogenous electrophile. Science Advances, 2022, 8, .	10.3	4
45	Dehydrogenase reductase 9 (SDR9C4) and related homologs recognize a broad spectrum of lipid mediator oxylipins as substrates. Journal of Biological Chemistry, 2022, 298, 101527.	3.4	3
46	Using lipid profiling to better characterize metabolic differences in apolipoprotein E (APOE) genotype among community-dwelling older Black men. GeroScience, 2022, 44, 1083-1094.	4.6	2
47	Assessing hypoxic damage to placental trophoblasts by measuring membrane viscosity of extracellular vesicles. Placenta, 2022, 121, 14-22.	1.5	2
48	Primary saturation of $\hat{1}\pm$ , $\hat{1}^2$ -unsaturated carbonyl containing fatty acids does not abolish electrophilicity. Chemico-Biological Interactions, 2021, 350, 109689.	4.0	1
49	A NOVEL METABOLITE COMPOSITE SCORE EXPLAINS THE HIGHER MORTALITY ASSOCIATED WITH FRAILTY AMONG OLDER BLACK MEN. Innovation in Aging, 2019, 3, S346-S346.	0.1	0
50	METABOLITES ASSOCIATED WITH HIGH VERSUS LOW WALKING ABILITY AMONG COMMUNITY-DWELLING OLDER MEN AND WOMEN. Innovation in Aging, 2019, 3, S641-S642.	0.1	0
51	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
52	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
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55	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
56	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
57	Title is missing!. , 2020, 15, e0241122.		0
58	Title is missing!. , 2020, 15, e0241122.		0
59	Title is missing!. , 2020, 15, e0241122.		0
60	Title is missing!. , 2020, 15, e0241122.		0