Stacy Gelhaus Wendell

List of Publications by Year
in descending order

60	2,432	331670 21	233421 45
papers	citations	h-index	g-index

67	67	67	3900
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
2	Elevated microglial oxidative phosphorylation and phagocytosis stimulate post-stroke brain remodeling and cognitive function recovery in mice. Communications Biology, 2022, 5, 35.	4.4	33
3	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
4	Assessing hypoxic damage to placental trophoblasts by measuring membrane viscosity of extracellular vesicles. Placenta, 2022, 121, 14-22.	1.5	2
5	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
6	Immunomodulatory actions of a kynurenine-derived endogenous electrophile. Science Advances, 2022, 8, .	10.3	4
7	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
8	A novel metabolic function of Myc in regulation of fatty acid synthesis in prostate cancer. Oncogene, 2021, 40, 592-602.	5.9	26
9	Metabolic support of tumour-infiltrating regulatory T cells by lactic acid. Nature, 2021, 591, 645-651.	27.8	492
10	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
11	Metabolic Adaptation of Macrophages as Mechanism of Defense against Crystalline Silica. Journal of Immunology, 2021, 207, 1627-1640.	0.8	17
12	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
13	Bile salts promote ToxR regulon activation during growth under virulence inducing conditions.. Infection and Immunity, 2021, 89, e0044121.	2.2	10
14	Nitroalkene fatty acids modulate bile acid metabolism and lung function in obese asthma. Scientific Reports, 2021, 11, 17788.	3.3	15
15	Discovery of bactericides as an acute mitochondrial membrane damage inducer. Molecular Biology of the Cell, 2021, 32, ar32.	2.1	6
16	Primary saturation of Î±, Î²-unsaturated carbonyl containing fatty acids does not abolish electrophilicity. Chemico-Biological Interactions, 2021, 350, 109689.	4.0	1
17	Electrophile Modulation of Inflammation: A Two-Hit Approach. Metabolites, 2020, 10, 453.	2.9	4
18	Sulforaphane Diminishes the Formation of Mammary Tumors in Rats Exposed to 17Î²-Estradiol. Nutrients, 2020, 12, 2282.	4.1	7

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19	G Proteinâ€“Coupled Receptors in Asthma Therapy: Pharmacology and Drug Action. Pharmacological Reviews, 2020, 72, 1-49.	16.0	69
20	Germinal center B cells selectively oxidize fatty acids for energy while conducting minimal glycolysis. Nature Immunology, 2020, 21, 331-342.	14.5	172
21	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
22	Nrf2 activation protects against lithium-induced nephrogenic diabetes insipidus. JCI Insight, 2020, 5, .	5.0	10
23	Graft IL-33 regulates infiltrating macrophages to protect against chronic rejection. Journal of Clinical Investigation, 2020, 130, 5397-5412.	8.2	41
24	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. PLoS Biology, 2020, 18, e3000981.	5.6	20
25	Dichloroacetate-induced metabolic reprogramming improves lifespan in a Drosophila model of surviving sepsis. PLoS ONE, 2020, 15, e0241122.	2.5	8
26	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
27	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
28	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
29	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
30	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
31	Acetylation-mediated remodeling of the nucleolus regulates cellular acetyl-CoA responses. , 2020, 18, e3000981.		0
32	Title is missing!. , 2020, 15, e0241122.		0
33	Title is missing!. , 2020, 15, e0241122.		0
34	Title is missing!. , 2020, 15, e0241122.		0
35	Title is missing!. , 2020, 15, e0241122.		0
36	Treg Cells Promote the SREBP1-Dependent Metabolic Fitness of Tumor-Promoting Macrophages via Repression of CD8+ T Cell-Derived Interferon-Î³. Immunity, 2019, 51, 381-397.e6.	14.3	186

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37	Cutting Edge: TCR Signal Strength Regulates Acetyl-CoA Metabolism via AKT. Journal of Immunology, 2019, 203, 2771-2775.	0.8	13
38	Metabolites Associated with Vigor to Frailty Among Community-Dwelling Older Black Men. Metabolites, 2019, 9, 83.	2.9	24
39	BOLA (BolA Family Member 3) Deficiency Controls Endothelial Metabolism and Glycine Homeostasis in Pulmonary Hypertension. Circulation, 2019, 139, 2238-2255.	1.6	54
40	Adropin treatment restores cardiac glucose oxidation in pre-diabetic obese mice. Journal of Molecular and Cellular Cardiology, 2019, 129, 174-178.	1.9	41
41	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
42	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
43	Hepatic insulin sensitivity is improved in highâ€fat dietâ€fed Park2 knockout mice in association with increased hepatic AMPK activation and reduced steatosis. Physiological Reports, 2019, 7, e14281.	1.7	9
44	Evaluation of 2â€Thiothiazolidineâ€4â€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
45	Pilot Study of the Effect of Plantâ€Based Enteral Nutrition on the Gut Microbiota in Chronically Ill Tubeâ€Fed Children. Journal of Parenteral and Enteral Nutrition, 2019, 43, 899-911.	2.6	22
46	Early TCR Signaling Induces Rapid Aerobic Glycolysis Enabling Distinct Acute T Cell Effector Functions. Cell Reports, 2018, 22, 1509-1521.	6.4	322
47	CMPF, a Metabolite Formed Upon Prescription Omega-3-Acid Ethyl Ester Supplementation, Prevents and Reverses Steatosis. EBioMedicine, 2018, 27, 200-213.	6.1	35
48	Nitro-fatty acid inhibition of triple-negative breast cancer cell viability, migration, invasion, and tumor growth. Journal of Biological Chemistry, 2018, 293, 1120-1137.	3.4	55
49	Key regulators of lipid metabolism drive endocrine resistance in invasive lobular breast cancer. Breast Cancer Research, 2018, 20, 106.	5.0	69
50	Nitro-fatty acid formation and metabolism. Nitric Oxide - Biology and Chemistry, 2018, 79, 38-44.	2.7	31
51	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
52	Genetic Dissociation of Glycolysis and the TCA Cycle Affects Neither Normal nor Neoplastic Proliferation. Cancer Research, 2017, 77, 5795-5807.	0.9	31
53	Conjugated Linoleic Acid Modulates Clinical Responses to Oral Nitrite and Nitrate. Hypertension, 2017, 70, 634-644.	2.7	23
54	ERK1/2 Activation in Preexisting Oligodendrocytes of Adult Mice Drives New Myelin Synthesis and Enhanced CNS Function. Journal of Neuroscience, 2016, 36, 9186-9200.	3.6	92

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55	Opposing Effects of Cyclooxygenase-2 (COX-2) on Estrogen Receptor Î² (ERÎ²) Response to 5Î±-Reductase Inhibition in Prostate Epithelial Cells. Journal of Biological Chemistry, 2016, 291, 14747-14760.	3.4	8
56	15-Hydroxyprostaglandin Dehydrogenase Generation of Electrophilic Lipid Signaling Mediators from Hydroxy Î©-3 Fatty Acids. Journal of Biological Chemistry, 2015, 290, 5868-5880.	3.4	29
57	15-Oxoeicosatetraenoic acid is a 15-hydroxyprostaglandin dehydrogenase-derived electrophilic mediator of inflammatory signaling pathways. Chemico-Biological Interactions, 2015, 234, 144-153.	4.0	31
58	Nitrite and nitrate-dependent generation of anti-inflammatory fatty acid nitroalkenes. Free Radical Biology and Medicine, 2015, 89, 333-341.	2.9	78
59	Fatty acids, inflammation, and asthma. Journal of Allergy and Clinical Immunology, 2014, 133, 1255-1264.	2.9	146
60	Redox-Dependent Anti-Inflammatory Signaling Actions of Unsaturated Fatty Acids. Annual Review of Physiology, 2014, 76, 79-105.	13.1	107