

James A West

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3130775/publications.pdf>

Version: 2024-02-01

30
papers

1,015
citations

430874

18
h-index

454955

30
g-index

30
all docs

30
docs citations

30
times ranked

2291
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Metabolic basis to Sherpa altitude adaptation. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 6382-6387. | 7.1 | 162 |
| 2 | Odd Chain Fatty Acids; New Insights of the Relationship Between the Gut Microbiota, Dietary Intake, Biosynthesis and Glucose Intolerance. Scientific Reports, 2017, 7, 44845. | 3.3 | 90 |
| 3 | Cytosine-5 RNA methylation links protein synthesis to cell metabolism. PLoS Biology, 2019, 17, e3000297. | 5.6 | 87 |
| 4 | Impaired In Vivo Mitochondrial Krebs Cycle Activity After Myocardial Infarction Assessed Using Hyperpolarized Magnetic Resonance Spectroscopy. Circulation: Cardiovascular Imaging, 2014, 7, 895-904. | 2.6 | 54 |
| 5 | Inhibition of sarcolemmal FAT/CD36 by sulfo-N-succinimidyl oleate rapidly corrects metabolism and restores function in the diabetic heart following hypoxia/reoxygenation. Cardiovascular Research, 2017, 113, 737-748. | 3.8 | 50 |
| 6 | Integration of metabolomics, lipidomics and clinical data using a machine learning method. BMC Bioinformatics, 2016, 17, 440. | 2.6 | 48 |
| 7 | Dietary nitrate increases arginine availability and protects mitochondrial complex I and energetics in the hypoxic rat heart. Journal of Physiology, 2014, 592, 4715-4731. | 2.9 | 47 |
| 8 | Nox4 reprograms cardiac substrate metabolism via protein O-GlcNAcylation to enhance stress adaptation. JCI Insight, 2017, 2, . | 5.0 | 42 |
| 9 | FAMIN Is a Multifunctional Purine Enzyme Enabling the Purine Nucleotide Cycle. Cell, 2020, 180, 278-295.e23. | 28.9 | 42 |
| 10 | Italian cohort of patients affected by inflammatory bowel disease is characterised by variation in glycerophospholipid, free fatty acids and amino acid levels. Metabolomics, 2018, 14, 140. | 3.0 | 39 |
| 11 | Nitrate enhances skeletal muscle fatty acid oxidation via a nitric oxide-cGMP-PPAR-mediated mechanism. BMC Biology, 2015, 13, 110. | 3.8 | 37 |
| 12 | A targeted metabolomics assay for cardiac metabolism and demonstration using a mouse model of dilated cardiomyopathy. Metabolomics, 2016, 12, 59. | 3.0 | 37 |
| 13 | Comprehensive Metabolic Profiling of Age-Related Mitochondrial Dysfunction in the High-Fat-Fed Mouse Heart. Journal of Proteome Research, 2015, 14, 2849-2862. | 3.7 | 35 |
| 14 | A randomized 3-way crossover study indicates that high-protein feeding induces de novo lipogenesis in healthy humans. JCI Insight, 2019, 4, . | 5.0 | 30 |
| 15 | Early detection of doxorubicin-induced cardiotoxicity in rats by its cardiac metabolic signature assessed with hyperpolarized MRI. Communications Biology, 2020, 3, 692. | 4.4 | 25 |
| 16 | Mechanistic insights revealed by lipid profiling in monogenic insulin resistance syndromes. Genome Medicine, 2015, 7, 63. | 8.2 | 23 |
| 17 | A purine metabolic checkpoint that prevents autoimmunity and autoinflammation. Cell Metabolism, 2022, 34, 106-124.e10. | 16.2 | 23 |
| 18 | PPAR-pan activation induces hepatic oxidative stress and lipidomic remodelling. Free Radical Biology and Medicine, 2016, 95, 357-368. | 2.9 | 22 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Divergent trajectories of cellular bioenergetics, intermediary metabolism and systemic redox status in survivors and non-survivors of critical illness. <i>Redox Biology</i> , 2021, 41, 101907. | 9.0 | 16 |
| 20 | Methods for Performing Lipidomics in White Adipose Tissue. <i>Methods in Enzymology</i> , 2014, 538, 211-231. | 1.0 | 15 |
| 21 | Truncation of Pik3r1 causes severe insulin resistance uncoupled from obesity and dyslipidaemia by increased energy expenditure. <i>Molecular Metabolism</i> , 2020, 40, 101020. | 6.5 | 14 |
| 22 | Cyclooxygenase-2, Asymmetric Dimethylarginine, and the Cardiovascular Hazard From Nonsteroidal Anti-Inflammatory Drugs. <i>Circulation</i> , 2018, 138, 2367-2378. | 1.6 | 13 |
| 23 | A dietary pattern derived using B-vitamins and its relationship with vascular markers over the life course. <i>Clinical Nutrition</i> , 2019, 38, 1464-1473. | 5.0 | 13 |
| 24 | Consequences of Lipid Remodeling of Adipocyte Membranes Being Functionally Distinct from Lipid Storage in Obesity. <i>Journal of Proteome Research</i> , 2020, 19, 3919-3935. | 3.7 | 12 |
| 25 | Î ² -hydroxybutyrate accumulates in the rat heart during low-flow ischaemia with implications for functional recovery. <i>ELife</i> , 2021, 10, . | 6.0 | 12 |
| 26 | Metabolic Effects of Doxorubicin on the Rat Liver Assessed With Hyperpolarized MRI and Metabolomics. <i>Frontiers in Physiology</i> , 2021, 12, 782745. | 2.8 | 12 |
| 27 | A model for determining cardiac mitochondrial substrate utilisation using stable ¹³ C-labelled metabolites. <i>Metabolomics</i> , 2019, 15, 154. | 3.0 | 7 |
| 28 | L-Carnitine Stimulates In Vivo Carbohydrate Metabolism in the Type 1 Diabetic Heart as Demonstrated by Hyperpolarized MRI. <i>Metabolites</i> , 2021, 11, 191. | 2.9 | 6 |
| 29 | Câ€¦Nox4-dependent Reprogramming of Glucose Metabolism and Fatty Acid Oxidation Facilitates Cardiac Adaption to Chronic Pressure-Overload. <i>Heart</i> , 2016, 102, A146.2-A146. | 2.9 | 1 |
| 30 | Metabolomics dataset of PPAR-pan treated rat liver. <i>Data in Brief</i> , 2016, 8, 196-202. | 1.0 | 1 |