

Ian P Salt

List of Publications by Year in descending order

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Version: 2024-02-01

46
papers

4,690
citations

159585

30
h-index

233421

45
g-index

46
all docs

46
docs citations

46
times ranked

6386
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A-769662 inhibits adipocyte glucose uptake in an AMPK-independent manner. <i>Biochemical Journal</i> , 2021, 478, 633-646. | 3.7 | 9 |
| 2 | Metformin again? Atheroprotection mediated by macrophage AMPK and ATF1. <i>Cardiovascular Research</i> , 2021, 117, 1233-1234. | 3.8 | 1 |
| 3 | Nutrient regulation of inflammatory signalling in obesity and vascular disease. <i>Clinical Science</i> , 2021, 135, 1563-1590. | 4.3 | 1 |
| 4 | Investigation of the specificity and mechanism of action of the ULK1/AMPK inhibitor SBI-0206965. <i>Biochemical Journal</i> , 2021, 478, 2977-2997. | 3.7 | 26 |
| 5 | Regulation of nutrient uptake by AMP-activated protein kinase. <i>Cellular Signalling</i> , 2020, 76, 109807. | 3.6 | 10 |
| 6 | AMP-activated protein kinase complexes containing the β 2 regulatory subunit are up-regulated during and contribute to adipogenesis. <i>Biochemical Journal</i> , 2019, 476, 1725-1740. | 3.7 | 20 |
| 7 | Genetic and Cytological Methods to Study ESCRT Cell Cycle Function in Fission Yeast. <i>Methods in Molecular Biology</i> , 2019, 1998, 239-250. | 0.9 | 2 |
| 8 | Diabetes and Vascular Disease. , 2019, , 429-437. | | 0 |
| 9 | Investigating the Role of AMPK in Inflammation. <i>Methods in Molecular Biology</i> , 2018, 1732, 307-319. | 0.9 | 13 |
| 10 | Canagliflozin inhibits interleukin-1 β -stimulated cytokine and chemokine secretion in vascular endothelial cells by AMP-activated protein kinase-dependent and -independent mechanisms. <i>Scientific Reports</i> , 2018, 8, 5276. | 3.3 | 173 |
| 11 | Linking energy sensing to suppression of JAK-STAT signalling: A potential route for repurposing AMPK activators?. <i>Pharmacological Research</i> , 2018, 128, 88-100. | 7.1 | 35 |
| 12 | A769662 Inhibits Insulin-Stimulated Akt Activation in Human Macrovascular Endothelial Cells Independent of AMP-Activated Protein Kinase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3886. | 4.1 | 9 |
| 13 | High Fat Diet Attenuates the Anticontractile Activity of Aortic PVAT via a Mechanism Involving AMPK and Reduced Adiponectin Secretion. <i>Frontiers in Physiology</i> , 2018, 9, 51. | 2.8 | 51 |
| 14 | Activation of AMP-activated protein kinase rapidly suppresses multiple pro-inflammatory pathways in adipocytes including IL-1 receptor-associated kinase-4 phosphorylation. <i>Molecular and Cellular Endocrinology</i> , 2017, 440, 44-56. | 3.2 | 83 |
| 15 | AMP-Activated Protein Kinase. <i>Circulation Research</i> , 2017, 120, 1825-1841. | 4.5 | 157 |
| 16 | Molecular mechanisms regulating perivascular adipose tissue – potential pharmacological targets?. <i>British Journal of Pharmacology</i> , 2017, 174, 3385-3387. | 5.4 | 4 |
| 17 | Metformin suppresses adipogenesis through both AMP-activated protein kinase (AMPK)-dependent and AMPK-independent mechanisms. <i>Molecular and Cellular Endocrinology</i> , 2017, 440, 57-68. | 3.2 | 105 |
| 18 | Deletion of AMPK β 1 attenuates the anticontractile effect of perivascular adipose tissue (PVAT) and reduces adiponectin release. <i>British Journal of Pharmacology</i> , 2017, 174, 3398-3410. | 5.4 | 26 |

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|----|--|-----|-----------|
| 19 | Lin28A induces energetic switching to glycolytic metabolism in human embryonic kidney cells. <i>Stem Cell Research and Therapy</i> , 2016, 7, 78. | 5.5 | 28 |
| 20 | The Na ⁺ /Glucose Cotransporter Inhibitor Canagliflozin Activates AMPK by Inhibiting Mitochondrial Function and Increasing Cellular AMP Levels. <i>Diabetes</i> , 2016, 65, 2784-2794. | 0.6 | 277 |
| 21 | Protein kinase C phosphorylates AMP-activated protein kinase α 1 Ser487. <i>Biochemical Journal</i> , 2016, 473, 4681-4697. | 3.7 | 57 |
| 22 | Phosphorylation of Janus kinase 1 (JAK1) by AMP-activated protein kinase (AMPK) links energy sensing to anti-inflammatory signaling. <i>Science Signaling</i> , 2016, 9, ra109. | 3.6 | 80 |
| 23 | Metformin Reverses Development of Pulmonary Hypertension via Aromatase Inhibition. <i>Hypertension</i> , 2016, 68, 446-454. | 2.7 | 83 |
| 24 | AMPK—friend or foe for targeted therapy?. <i>Cell Cycle</i> , 2015, 14, 1761-1762. | 2.6 | 2 |
| 25 | AMP-activated protein kinase (AMPK) as a potential therapeutic target independent of PI3K/Akt signaling in prostate cancer. <i>Oncoscience</i> , 2014, 1, 446-456. | 2.2 | 66 |
| 26 | Role of AMP-activated protein kinase in adipose tissue metabolism and inflammation. <i>Clinical Science</i> , 2013, 124, 491-507. | 4.3 | 246 |
| 27 | Examining the role of insulin in the regulation of cardiovascular health. <i>Future Cardiology</i> , 2013, 9, 39-52. | 1.2 | 9 |
| 28 | Mitochondrial reactive oxygen species enhance AMP-activated protein kinase activation in the endothelium of patients with coronary artery disease and diabetes. <i>Clinical Science</i> , 2013, 124, 403-411. | 4.3 | 61 |
| 29 | Exploiting the anti-inflammatory effects of AMP-activated protein kinase activation. <i>Expert Opinion on Investigational Drugs</i> , 2012, 21, 1155-1167. | 4.1 | 121 |
| 30 | Insulin rapidly stimulates l-arginine transport in human aortic endothelial cells via Akt. <i>Biochemical and Biophysical Research Communications</i> , 2011, 412, 747-751. | 2.1 | 10 |
| 31 | AMP-activated protein kinase is activated in adipose tissue of individuals with type 2 diabetes treated with metformin: a randomised glycaemia-controlled crossover study. <i>Diabetologia</i> , 2011, 54, 1799-1809. | 6.3 | 64 |
| 32 | The role of AMP-activated protein kinase in the functional effects of vascular endothelial growth factor-A and -B in human aortic endothelial cells. <i>Vascular Cell</i> , 2011, 3, 9. | 0.2 | 34 |
| 33 | Insulin-stimulated phosphorylation of endothelial nitric oxide synthase at serine-615 contributes to nitric oxide synthesis. <i>Biochemical Journal</i> , 2010, 426, 85-90. | 3.7 | 34 |
| 34 | Fat Oxidation, Fitness and Skeletal Muscle Expression of Oxidative/Lipid Metabolism Genes in South Asians: Implications for Insulin Resistance?. <i>PLoS ONE</i> , 2010, 5, e14197. | 2.5 | 83 |
| 35 | Rosiglitazone Stimulates Nitric Oxide Synthesis in Human Aortic Endothelial Cells via AMP-activated Protein Kinase*. <i>Journal of Biological Chemistry</i> , 2008, 283, 11210-11217. | 3.4 | 82 |
| 36 | Inhibition of Tumor Necrosis Factor α -stimulated Monocyte Adhesion to Human Aortic Endothelial Cells by AMP-Activated Protein Kinase. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 2255-2257. | 2.4 | 53 |

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|----|---|-----|-----------|
| 37 | AMP-activated protein kinase mediates VEGF-stimulated endothelial NO production. <i>Biochemical and Biophysical Research Communications</i> , 2007, 354, 1084-1088. | 2.1 | 90 |
| 38 | The role of insulin and the adipocytokines in regulation of vascular endothelial function. <i>Clinical Science</i> , 2004, 107, 519-532. | 4.3 | 77 |
| 39 | High Glucose Inhibits Insulin-stimulated Nitric Oxide Production without Reducing Endothelial Nitric-oxide Synthase Ser1177 Phosphorylation in Human Aortic Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 18791-18797. | 3.4 | 79 |
| 40 | Direct Activation of AMP-activated Protein Kinase Stimulates Nitric-oxide Synthesis in Human Aortic Endothelial Cells. <i>Journal of Biological Chemistry</i> , 2003, 278, 31629-31639. | 3.4 | 312 |
| 41 | Characterization of AMP-activated protein kinase $\hat{1}^3$ -subunit isoforms and their role in AMP binding. <i>Biochemical Journal</i> , 2000, 346, 659. | 3.7 | 140 |
| 42 | Characterization of AMP-activated protein kinase $\hat{1}^3$ -subunit isoforms and their role in AMP binding. <i>Biochemical Journal</i> , 2000, 346, 659-669. | 3.7 | 534 |
| 43 | AMP-activated protein kinase: an ultrasensitive system for monitoring cellular energy charge. <i>Biochemical Journal</i> , 1999, 338, 717-722. | 3.7 | 318 |
| 44 | AMP-activated protein kinase is activated by low glucose in cell lines derived from pancreatic $\hat{1}^2$ cells, and may regulate insulin release. <i>Biochemical Journal</i> , 1998, 335, 533-539. | 3.7 | 382 |
| 45 | AMP-activated protein kinase: greater AMP dependence, and preferential nuclear localization, of complexes containing the $\hat{1}^2$ isoform. <i>Biochemical Journal</i> , 1998, 334, 177-187. | 3.7 | 410 |
| 46 | The $\hat{1}^1$ and $\hat{1}^2$ isoforms of the AMP-activated protein kinase have similar activities in rat liver but exhibit differences in substrate specificity in vitro. <i>FEBS Letters</i> , 1996, 397, 347-351. | 2.8 | 233 |