

# Dave Bridges

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

9,933  
citations

257357

24  
h-index

149623

56  
g-index

82  
all docs

82  
docs citations

82  
times ranked

23160  
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012, 8, 445-544.	4.3	3,122
3	14-3-3 Proteins: A Number of Functions for a Numbered Protein. <i>Science Signaling</i> , 2005, 2005, re10-re10.	1.6	228
4	In vivo, Pikfyve generates PI(3,5)P <sub>2</sub> , which serves as both a signaling lipid and the major precursor for PI5P. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 17472-17477.	3.3	191
5	Inhibition of AMPK Catabolic Action by GSK3. <i>Molecular Cell</i> , 2013, 50, 407-419.	4.5	191
6	AMPK directly activates mTORC2 to promote cell survival during acute energetic stress. <i>Science Signaling</i> , 2019, 12, .	1.6	153
7	Phosphatidylinositol 3,5-bisphosphate plays a role in the activation and subcellular localization of mechanistic target of rapamycin 1. <i>Molecular Biology of the Cell</i> , 2012, 23, 2955-2962.	0.9	117
8	The Signaling Pathways Project, an integrated omics knowledgebase for mammalian cellular signaling pathways. <i>Scientific Data</i> , 2019, 6, 252.	2.4	82
9	Cyclic nucleotide binding proteins in the <i>Arabidopsis thaliana</i> and <i>Oryza sativa</i> genomes. <i>BMC Bioinformatics</i> , 2005, 6, 6.	1.2	71
10	Metabolic Crosstalk: Molecular Links Between Glycogen and Lipid Metabolism in Obesity. <i>Diabetes</i> , 2014, 63, 2935-2948.	0.3	69
11	Roles for PI(3,5)P <sub>2</sub> in nutrient sensing through TORC1. <i>Molecular Biology of the Cell</i> , 2014, 25, 1171-1185.	0.9	68
12	Docosahexaenoic acid inhibits proteolytic processing of sterol regulatory element-binding protein-1c (SREBP-1c) via activation of AMP-activated kinase. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1521-1529.	1.2	61
13	Rab5 Proteins Regulate Activation and Localization of Target of Rapamycin Complex 1. <i>Journal of Biological Chemistry</i> , 2012, 287, 20913-20921.	1.6	53
14	Pharmacologic activation of estrogen receptor $\beta$ increases mitochondrial function, energy expenditure, and brown adipose tissue. <i>FASEB Journal</i> , 2017, 31, 266-281.	0.2	52
15	Insulin Stimulates Phosphatidylinositol 3-Phosphate Production via the Activation of Rab5. <i>Molecular Biology of the Cell</i> , 2008, 19, 2718-2728.	0.9	50
16	p75 neurotrophin receptor regulates glucose homeostasis and insulin sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 5838-5843.	3.3	47
17	Phosphoinositides: Key modulators of energy metabolism. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 857-866.	1.2	39
18	Secretory phospholipase A2 group IIA modulates insulin sensitivity and metabolism. <i>Journal of Lipid Research</i> , 2017, 58, 1822-1833.	2.0	37

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19	Characterization of neurons from immortalized dental pulp stem cells for the study of neurogenetic disorders. <i>Stem Cell Research</i> , 2015, 15, 722-730.	0.3	35
20	Cytochrome P450 1B1 Contributes to the Development of Atherosclerosis and Hypertension in Apolipoprotein E-deficient Mice. <i>Hypertension</i> , 2016, 67, 206-213.	1.3	35
21	The p11 Subunit of Annexin II Heterotetramer Is Regulated by Basic Carboxypeptidase. <i>Biochemistry</i> , 2002, 41, 4953-4961.	1.2	34
22	Zinc Finger Protein 407 (ZFP407) Regulates Insulin-stimulated Glucose Uptake and Glucose Transporter 4 (Glut4) mRNA. <i>Journal of Biological Chemistry</i> , 2015, 290, 6376-6386.	1.6	34
23	The Lipid Kinase PI4KIII $\beta$ Is Highly Expressed in Breast Tumors and Activates Akt in Cooperation with Rab11a. <i>Molecular Cancer Research</i> , 2014, 12, 1492-1508.	1.5	32
24	Glucocorticoid-Induced Metabolic Disturbances Are Exacerbated in Obese Male Mice. <i>Endocrinology</i> , 2018, 159, 2275-2287.	1.4	29
25	Gene expression changes in subcutaneous adipose tissue due to Cushing's disease. <i>Journal of Molecular Endocrinology</i> , 2015, 55, 81-94.	1.1	25
26	Tuberous sclerosis complex exhibits a new renal cystogenic mechanism. <i>Physiological Reports</i> , 2019, 7, e13983.	0.7	23
27	Androgen receptor agonists increase lean mass, improve cardiopulmonary functions and extend survival in preclinical models of Duchenne muscular dystrophy. <i>Human Molecular Genetics</i> , 2017, 26, 2526-2540.	1.4	22
28	Identification and characterization of D-AKAP1 as a major adipocyte PKA and PP1 binding protein. <i>Biochemical and Biophysical Research Communications</i> , 2006, 346, 351-357.	1.0	21
29	The role of TORC1 in muscle development in <i>Drosophila</i> . <i>Scientific Reports</i> , 2015, 5, 9676.	1.6	20
30	Gene Expression Signature in Adipose Tissue of Acromegaly Patients. <i>PLoS ONE</i> , 2015, 10, e0129359.	1.1	19
31	Glycogen synthase kinase-3-mediated phosphorylation of serine 73 targets sterol response element binding protein-1c (SREBP-1c) for proteasomal degradation. <i>Bioscience Reports</i> , 2016, 36, e00284.	1.1	19
32	Exposure to environmentally persistent free radicals during gestation lowers energy expenditure and impairs skeletal muscle mitochondrial function in adult mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 310, E1003-E1015.	1.8	19
33	Disruption of brain-derived neurotrophic factor production from individual promoters generates distinct body composition phenotypes in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E1168-E1184.	1.8	19
34	Significant transcriptional changes in 15q duplication but not Angelman syndrome deletion stem cell-derived neurons. <i>Molecular Autism</i> , 2018, 9, 6.	2.6	19
35	Purification of a plant nucleotide pyrophosphatase as a protein that interferes with nitrate reductase and glutamine synthetase assays. <i>FEBS Journal</i> , 2003, 270, 1356-1362.	0.2	18
36	Phosphorylation of sterol regulatory element binding protein-1a by protein kinase A (PKA) regulates transcriptional activity. <i>Biochemical and Biophysical Research Communications</i> , 2014, 449, 449-454.	1.0	18

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37	An estrogen receptor $\hat{2}$ -selective agonist inhibits non-alcoholic steatohepatitis in preclinical models by regulating bile acid and xenobiotic receptors. <i>Experimental Biology and Medicine</i> , 2017, 242, 606-616.	1.1	17
38	The trichloroethylene metabolite S-(1,2-dichlorovinyl)-L-cysteine induces progressive mitochondrial dysfunction in HTR-8/SVneo trophoblasts. <i>Toxicology</i> , 2019, 427, 152283.	2.0	16
39	Zinc finger protein 407 overexpression upregulates PPAR target gene expression and improves glucose homeostasis in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E869-E880.	1.8	13
40	Lactational metformin exposure programs offspring white adipose tissue glucose homeostasis and resilience to metabolic stress in a sex-dependent manner. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020, 318, E600-E612.	1.8	13
41	TC10 Is Regulated by Caveolin in 3T3-L1 Adipocytes. <i>PLoS ONE</i> , 2012, 7, e42451.	1.1	10
42	Phosphoinositides in Insulin Action and Diabetes. <i>Current Topics in Microbiology and Immunology</i> , 2012, 362, 61-85.	0.7	9
43	Sex-specific differences in hepatic steatosis in obese spontaneously hypertensive (SHROB) rats. <i>Biology of Sex Differences</i> , 2018, 9, 40.	1.8	9
44	Exposure to Trichloroethylene Metabolite S-(1,2-Dichlorovinyl)-L-cysteine Causes Compensatory Changes to Macronutrient Utilization and Energy Metabolism in Placental HTR-8/SVneo Cells. <i>Chemical Research in Toxicology</i> , 2020, 33, 1339-1355.	1.7	9
45	Associations of bacterial enteropathogens with systemic inflammation, iron deficiency, and anemia in preschool-age children in southern Ghana. <i>PLoS ONE</i> , 2022, 17, e0271099.	1.1	8
46	Detection of multiple splice variants of the nuclear protein phosphatase 1 regulator sds22 in rat liver nuclei. <i>Biochemistry and Cell Biology</i> , 2002, 80, 811-815.	0.9	7
47	Weight loss effects of methotrexate and cyclophosphamide. <i>Oncotarget</i> , 2017, 8, 5640-5640.	0.8	6
48	Obesity Augments Glucocorticoid-Dependent Muscle Atrophy in Male C57BL/6J Mice. <i>Biomedicines</i> , 2020, 8, 420.	1.4	6
49	Transcriptional profiling of the response to the trichloroethylene metabolite S-(1,2-dichlorovinyl)-l-cysteine revealed activation of the eIF2 $\hat{1}$ /ATF4 integrated stress response in two in vitro placental models. <i>Archives of Toxicology</i> , 2021, 95, 1595-1619.	1.9	6
50	Diet-induced obesity in mice impairs host defense against <i>Klebsiella</i> pneumonia in vivo and glucose transport and bactericidal functions in neutrophils in vitro. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L116-L128.	1.3	6
51	Higher baseline expression of the PTGS2 gene and greater decreases in total colonic fatty acid content predict greater decreases in colonic prostaglandin-E2 concentrations after dietary supplementation with $\hat{3}$ fatty acids. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2018, 139, 14-19.	1.0	5
52	Ruminant-Related Risk Factors are Associated with Shiga Toxin-Producing <i>Escherichia coli</i> Infection in Children in Southern Ghana. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 106, 513-522.	0.6	5
53	A peer evaluation training results in high-quality feedback, as measured over time in nutritional sciences graduate students. <i>American Journal of Physiology - Advances in Physiology Education</i> , 2020, 44, 203-209.	0.8	3
54	Lactational High Fat Diet in Mice Causes Insulin Resistance and NAFLD in Male Offspring Which Is Partially Rescued by Maternal Metformin Treatment. <i>Frontiers in Nutrition</i> , 2021, 8, 759690.	1.6	3

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55	Short Term Changes in Dietary Fat Content and Metformin Treatment During Lactation Impact Milk Composition and Mammary Gland Morphology. <i>Journal of Mammary Gland Biology and Neoplasia</i> , 2022, 27, 1-18.	1.0	2
56	Increasing Student Engagement Within the Core Nutritional Sciences Curriculum: A Gameful Learning Approach. <i>Pedagogy in Health Promotion</i> , 2019, 5, 268-275.	0.4	1
57	Effects of Dexamethasone on Offspring Survival and Intrauterine Growth Restriction. <i>Journal of the Endocrine Society</i> , 2021, 5, A748-A749.	0.1	0
58	Maternal Carbohydrate Intake During Pregnancy is Associated with Child Peripubertal Markers of Metabolic Health but not Adiposity. <i>Public Health Nutrition</i> , 2021, , 1-33.	1.1	0