Dave Bridges

List of Publications by Year
in descending order

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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	Ruminant-Related Risk Factors are Associated with Shiga Toxinâ€“Producing Escherichia coli Infection in Children in Southern Ghana. American Journal of Tropical Medicine and Hygiene, 2022, 106, 513-522.	0.6	5
2	Diet-induced obesity in mice impairs host defense against Klebsiella pneumonia in vivo and glucose transport and bactericidal functions in neutrophils in vitro. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2022, 322, L116-L128.	1.3	6
3	Short Term Changes in Dietary Fat Content and Metformin Treatment During Lactation Impact Milk Composition and Mammary Gland Morphology. Journal of Mammary Gland Biology and Neoplasia, 2022, 27, 1-18.	1.0	2
4	Associations of bacterial enteropathogens with systemic inflammation, iron deficiency, and anemia in preschool-age children in southern Ghana. PLoS ONE, 2022, 17, e0271099.	1.1	8
5	Transcriptional profiling of the response to the trichloroethylene metabolite S-(1,2-dichlorovinyl)-l-cysteine revealed activation of the eIF2Î±/ATF4 integrated stress response in two in vitro placental models. Archives of Toxicology, 2021, 95, 1595-1619.	1.9	6
6	Effects of Dexamethasone on Offspring Survival and Intrauterine Growth Restriction. Journal of the Endocrine Society, 2021, 5, A748-A749.	0.1	0
7	Maternal Carbohydrate Intake During Pregnancy is Associated with Child Peripubertal Markers of Metabolic Health but not Adiposity. Public Health Nutrition, 2021, , 1-33.	1.1	0
8	Lactational High Fat Diet in Mice Causes Insulin Resistance and NAFLD in Male Offspring Which Is Partially Rescued by Maternal Metformin Treatment. Frontiers in Nutrition, 2021, 8, 759690.	1.6	3
9	Obesity Augments Glucocorticoid-Dependent Muscle Atrophy in Male C57BL/6J Mice. Biomedicines, 2020, 8, 420.	1.4	6
10	Lactational metformin exposure programs offspring white adipose tissue glucose homeostasis and resilience to metabolic stress in a sex-dependent manner. American Journal of Physiology - Endocrinology and Metabolism, 2020, 318, E600-E612.	1.8	13
11	Exposure to Trichloroethylene MetaboliteS-(1,2-Dichlorovinyl)-L-cysteine Causes Compensatory Changes to Macronutrient Utilization and Energy Metabolism in Placental HTR-8/SVneo Cells. Chemical Research in Toxicology, 2020, 33, 1339-1355.	1.7	9
12	A peer evaluation training results in high-quality feedback, as measured over time in nutritional sciences graduate students. American Journal of Physiology - Advances in Physiology Education, 2020, 44, 203-209.	0.8	3
13	The Signaling Pathways Project, an integrated â€˜omics knowledgebase for mammalian cellular signaling pathways. Scientific Data, 2019, 6, 252.	2.4	82
14	The trichloroethylene metabolite S-(1,2-dichlorovinyl)-L-cysteine induces progressive mitochondrial dysfunction in HTR-8/SVneo trophoblasts. Toxicology, 2019, 427, 152283.	2.0	16
15	AMPK directly activates mTORC2 to promote cell survival during acute energetic stress. Science Signaling, 2019, 12, .	1.6	153
16	Tuberous sclerosis complex exhibits a new renal cystogenic mechanism. Physiological Reports, 2019, 7, e13983.	0.7	23
17	Increasing Student Engagement Within the Core Nutritional Sciences Curriculum: A Gameful Learning Approach. Pedagogy in Health Promotion, 2019, 5, 268-275.	0.4	1
18	Disruption of brain-derived neurotrophic factor production from individual promoters generates distinct body composition phenotypes in mice. American Journal of Physiology - Endocrinology and Metabolism, 2018, 315, E1168-E1184.	1.8	19

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19	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 Ï‰-3 fatty acids. Prostaglandins Leukotrienes and Essential Fatty Acids, 2018, 139, 14-19.	1.0	5
20	Sex-specific differences in hepatic steatosis in obese spontaneously hypertensive (SHROB) rats. Biology of Sex Differences, 2018, 9, 40.	1.8	9
21	Glucocorticoid-Induced Metabolic Disturbances Are Exacerbated in Obese Male Mice. Endocrinology, 2018, 159, 2275-2287.	1.4	29
22	Significant transcriptional changes in 15q duplication but not Angelman syndrome deletion stem cell-derived neurons. Molecular Autism, 2018, 9, 6.	2.6	19
23	An estrogen receptor Î²-selective agonist inhibits non-alcoholic steatohepatitis in preclinical models by regulating bile acid and xenobiotic receptors. Experimental Biology and Medicine, 2017, 242, 606-616.	1.1	17
24	Androgen receptor agonists increase lean mass, improve cardiopulmonary functions and extend survival in preclinical models of Duchenne muscular dystrophy. Human Molecular Genetics, 2017, 26, 2526-2540.	1.4	22
25	Secretory phospholipase A2 group IIA modulates insulin sensitivity and metabolism. Journal of Lipid Research, 2017, 58, 1822-1833.	2.0	37
26	Pharmacologic activation of estrogen receptor Î± increases mitochondrial function, energy expenditure, and brown adipose tissue. FASEB Journal, 2017, 31, 266-281.	0.2	52
27	Weight loss effects of methotrexate and cyclophosphamide. Oncotarget, 2017, 8, 5640-5640.	0.8	6
28	Zinc finger protein 407 overexpression upregulates PPAR target gene expression and improves glucose homeostasis in mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 311, E869-E880.	1.8	13
29	Glycogen synthase kinase-3-mediated phosphorylation of serine 73 targets sterol response element binding protein-1c (SREBP-1c) for proteasomal degradation. Bioscience Reports, 2016, 36, e00284.	1.1	19
30	Exposure to environmentally persistent free radicals during gestation lowers energy expenditure and impairs skeletal muscle mitochondrial function in adult mice. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E1003-E1015.	1.8	19
31	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). Autophagy, 2016, 12, 1-222.	4.3	4,701
32	Cytochrome P450 1B1 Contributes to the Development of Atherosclerosis and Hypertension in Apolipoprotein Eâ€“Deficient Mice. Hypertension, 2016, 67, 206-213.	1.3	35
33	The role of TORC1 in muscle development in Drosophila. Scientific Reports, 2015, 5, 9676.	1.6	20
34	Gene Expression Signature in Adipose Tissue of Acromegaly Patients. PLoS ONE, 2015, 10, e0129359.	1.1	19
35	Zinc Finger Protein 407 (ZFP407) Regulates Insulin-stimulated Glucose Uptake and Glucose Transporter 4 (Glut4) mRNA. Journal of Biological Chemistry, 2015, 290, 6376-6386.	1.6	34
36	Gene expression changes in subcutaneous adipose tissue due to Cushing's disease. Journal of Molecular Endocrinology, 2015, 55, 81-94.	1.1	25

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37	Characterization of neurons from immortalized dental pulp stem cells for the study of neurogenetic disorders. Stem Cell Research, 2015, 15, 722-730.	0.3	35
38	Docosahexaenoic acid inhibits proteolytic processing of sterol regulatory element-binding protein-1c (SREBP-1c) via activation of AMP-activated kinase. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 1521-1529.	1.2	61
39	Phosphoinositides: Key modulators of energy metabolism. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2015, 1851, 857-866.	1.2	39
40	Roles for PI(3,5)P₂ in nutrient sensing through TORC1. Molecular Biology of the Cell, 2014, 25, 1171-1185.	0.9	68
41	The Lipid Kinase PI4KIIIÎ² Is Highly Expressed in Breast Tumors and Activates Akt in Cooperation with Rab11a. Molecular Cancer Research, 2014, 12, 1492-1508.	1.5	32
42	Metabolic Crosstalk: Molecular Links Between Glycogen and Lipid Metabolism in Obesity. Diabetes, 2014, 63, 2935-2948.	0.3	69
43	Phosphorylation of sterol regulatory element binding protein-1a by protein kinase A (PKA) regulates transcriptional activity. Biochemical and Biophysical Research Communications, 2014, 449, 449-454.	1.0	18
44	Inhibition of AMPK Catabolic Action by GSK3. Molecular Cell, 2013, 50, 407-419.	4.5	191
45	Phosphatidylinositol 3,5-bisphosphate plays a role in the activation and subcellular localization of mechanistic target of rapamycin 1. Molecular Biology of the Cell, 2012, 23, 2955-2962.	0.9	117
46	Rab5 Proteins Regulate Activation and Localization of Target of Rapamycin Complex 1. Journal of Biological Chemistry, 2012, 287, 20913-20921.	1.6	53
47	p75 neurotrophin receptor regulates glucose homeostasis and insulin sensitivity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 5838-5843.	3.3	47
48	In vivo, Pikfyve generates PI(3,5)P ₂ , which serves as both a signaling lipid and the major precursor for PI5P. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17472-17477.	3.3	191
49	Guidelines for the use and interpretation of assays for monitoring autophagy. Autophagy, 2012, 8, 445-544.	4.3	3,122
50	Phosphoinositides in Insulin Action and Diabetes. Current Topics in Microbiology and Immunology, 2012, 362, 61-85.	0.7	9
51	TC10 Is Regulated by Caveolin in 3T3-L1 Adipocytes. PLoS ONE, 2012, 7, e42451.	1.1	10
52	Insulin Stimulates Phosphatidylinositol 3-Phosphate Production via the Activation of Rab5. Molecular Biology of the Cell, 2008, 19, 2718-2728.	0.9	50
53	Identification and characterization of D-AKAP1 as a major adipocyte PKA and PP1 binding protein. Biochemical and Biophysical Research Communications, 2006, 346, 351-357.	1.0	21
54	Cyclic nucleotide binding proteins in the Arabidopsis thaliana and Oryza sativa genomes. BMC Bioinformatics, 2005, 6, 6.	1.2	71

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55	14-3-3 Proteins: A Number of Functions for a Numbered Protein. Science Signaling, 2005, 2005, re10-re10.	1.6	228
56	Purification of a plant nucleotide pyrophosphatase as a protein that interferes with nitrate reductase and glutamine synthetase assays. FEBS Journal, 2003, 270, 1356-1362.	0.2	18
57	The p11 Subunit of Annexin II Heterotetramer Is Regulated by Basic Carboxypeptidase. Biochemistry, 2002, 41, 4953-4961.	1.2	34
58	Detection of multiple splice variants of the nuclear protein phosphatase 1 regulator sds22 in rat liver nuclei. Biochemistry and Cell Biology, 2002, 80, 811-815.	0.9	7