

Bradley S Ferguson

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,121
citations

17
h-index

33
g-index

60
ext. papers

1,403
ext. citations

4.9
avg, IF

4.82
L-index

| # | Paper | IF | Citations |
|----|---|------|-----------|
| 54 | Class I HDACs regulate angiotensin II-dependent cardiac fibrosis via fibroblasts and circulating fibrocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 67, 112-25 | 5.8 | 121 |
| 53 | Histone deacetylase 3 regulates the inflammatory gene expression programme of rheumatoid arthritis fibroblast-like synoviocytes. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 277-285 | 2.4 | 92 |
| 52 | Signal-dependent repression of DUSP5 by class I HDACs controls nuclear ERK activity and cardiomyocyte hypertrophy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 9806-11 | 11.5 | 83 |
| 51 | Impact of reference gene selection for target gene normalization on experimental outcome using real-time qRT-PCR in adipocytes. <i>PLoS ONE</i> , 2010 , 5, e15208 | 3.7 | 81 |
| 50 | Emodin Attenuates Pathological Cardiac Hypertrophy by Regulating Gene Expression Through Acetyl-histone-mediated Actions (P06-036-19). <i>Current Developments in Nutrition</i> , 2019 , 3, | 0.4 | 78 |
| 49 | HDAC6 contributes to pathological responses of heart and skeletal muscle to chronic angiotensin-II signaling. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014 , 307, H252-8 | 5.2 | 77 |
| 48 | Tubulin hyperacetylation is adaptive in cardiac proteotoxicity by promoting autophagy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, E5178-86 | 11.5 | 73 |
| 47 | Inflammatory cytokines epigenetically regulate rheumatoid arthritis fibroblast-like synoviocyte activation by suppressing HDAC5 expression. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 430-8 | 2.4 | 57 |
| 46 | Signal-Dependent Recruitment of BRD4 to Cardiomyocyte Super-Enhancers Is Suppressed by a MicroRNA. <i>Cell Reports</i> , 2016 , 16, 1366-1378 | 10.6 | 47 |
| 45 | HDAC11 suppresses the thermogenic program of adipose tissue via BRD2. <i>JCI Insight</i> , 2018 , 3, | 9.9 | 40 |
| 44 | Non-sirtuin histone deacetylases in the control of cardiac aging. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 83, 14-20 | 5.8 | 37 |
| 43 | Sodium propionate and sodium butyrate effects on histone deacetylase (HDAC) activity, histone acetylation, and inflammatory gene expression in bovine mammary epithelial cells. <i>Journal of Animal Science</i> , 2018 , 96, 5244-5252 | 0.7 | 34 |
| 42 | Histone deacetylation contributes to low extracellular superoxide dismutase expression in human idiopathic pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016 , 311, L124-34 | 5.8 | 31 |
| 41 | Curcumin Inhibits 3T3-L1 Preadipocyte Proliferation by Mechanisms Involving Post-transcriptional p27 Regulation. <i>Biochemistry and Biophysics Reports</i> , 2016 , 5, 16-21 | 2.2 | 25 |
| 40 | Impact of obesity on IL-12 family gene expression in insulin responsive tissues. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013 , 1832, 11-9 | 6.9 | 25 |
| 39 | Targeting the epigenome: Screening bioactive compounds that regulate histone deacetylase activity. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600744 | 5.9 | 20 |
| 38 | A grape seed procyanidin extract inhibits HDAC activity leading to increased Ppar α phosphorylation and target-gene expression. <i>Molecular Nutrition and Food Research</i> , 2017 , 61, 1600347 | 5.9 | 20 |

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| 37 | Obesity-mediated regulation of cardiac protein acetylation: parallel analysis of total and acetylated proteins via TMT-tagged mass spectrometry. <i>Bioscience Reports</i> , 2018 , 38, | 4.1 | 17 |
| 36 | The Crosstalk between Acetylation and Phosphorylation: Emerging New Roles for HDAC Inhibitors in the Heart. <i>International Journal of Molecular Sciences</i> , 2018 , 20, | 6.3 | 17 |
| 35 | Food Bioactive HDAC Inhibitors in the Epigenetic Regulation of Heart Failure. <i>Nutrients</i> , 2018 , 10, | 6.7 | 15 |
| 34 | DUSP5 functions as a feedback regulator of TNF α -induced ERK1/2 dephosphorylation and inflammatory gene expression in adipocytes. <i>Scientific Reports</i> , 2017 , 7, 12879 | 4.9 | 13 |
| 33 | Mitogen-Dependent Regulation of DUSP1 Governs ERK and p38 Signaling During Early 3T3-L1 Adipocyte Differentiation. <i>Journal of Cellular Physiology</i> , 2016 , 231, 1562-74 | 7 | 13 |
| 32 | Dietary natural products as epigenetic modifiers in aging-associated inflammation and disease. <i>Natural Product Reports</i> , 2020 , 37, 653-676 | 15.1 | 12 |
| 31 | Class I HDACs control a JIP1-dependent pathway for kinesin-microtubule binding in cardiomyocytes. <i>Journal of Molecular and Cellular Cardiology</i> , 2017 , 112, 74-82 | 5.8 | 10 |
| 30 | Promiscuous actions of small molecule inhibitors of the protein kinase D-class IIa HDAC axis in striated muscle. <i>FEBS Letters</i> , 2015 , 589, 1080-8 | 3.8 | 9 |
| 29 | Emodin and emodin-rich rhubarb inhibits histone deacetylase (HDAC) activity and cardiac myocyte hypertrophy. <i>Journal of Nutritional Biochemistry</i> , 2020 , 79, 108339 | 6.3 | 9 |
| 28 | Dual-specificity phosphatases regulate mitogen-activated protein kinase signaling in adipocytes in response to inflammatory stress. <i>Cellular Signalling</i> , 2019 , 53, 234-245 | 4.9 | 8 |
| 27 | Polyphenols: Novel Signaling Pathways. <i>Current Pharmaceutical Design</i> , 2018 , 24, 158-170 | 3.3 | 7 |
| 26 | Modulation of IL-27 in adipocytes during inflammatory stress. <i>Obesity</i> , 2016 , 24, 157-66 | 8 | 6 |
| 25 | The neuronal (pro)renin receptor and astrocyte inflammation in the central regulation of blood pressure and blood glucose in mice fed a high-fat diet. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2020 , 318, E765-E778 | 6 | 6 |
| 24 | Effects of dim artificial light at night on locomotor activity, cardiovascular physiology, and circadian clock genes in a diurnal songbird. <i>Environmental Pollution</i> , 2021 , 282, 117036 | 9.3 | 6 |
| 23 | The interplay between diet, gut microbes, and host epigenetics in health and disease. <i>Journal of Nutritional Biochemistry</i> , 2021 , 95, 108631 | 6.3 | 6 |
| 22 | HDAC1/2-mediated regulation of JNK and ERK phosphorylation in bovine mammary epithelial cells in response to TNF- α . <i>Journal of Cellular Physiology</i> , 2019 , 234, 1088-1098 | 7 | 5 |
| 21 | The Role of Histone Acetylation and the Microbiome in Phytochemical Efficacy for Cardiovascular Diseases. <i>International Journal of Molecular Sciences</i> , 2020 , 21, | 6.3 | 4 |
| 20 | YY1 is a cis-regulator in the organoid models of high mammographic density. <i>Bioinformatics</i> , 2020 , 36, 1663-1667 | 7.2 | 3 |

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| 19 | Rapid Communication: Prolactin and hydrocortisone impact TNF α -mediated mitogen-activated protein kinase signaling and inflammation of bovine mammary epithelial (MAC-T) cells. <i>Journal of Animal Science</i> , 2017 , 95, 5524-5531 | 0.7 | 2 |
| 18 | Natural product inhibitors of acetyl-lysine erasers in the prevention and treatment of heart failure. <i>Functional Foods in Health and Disease</i> , 2017 , 7, 577 | 2.5 | 2 |
| 17 | Divergent and Overlapping Roles for Selected Phytochemicals in the Regulation of Pathological Cardiac Hypertrophy. <i>Molecules</i> , 2021 , 26, | 4.8 | 2 |
| 16 | Epigenetic regulation of cardiometabolic disease by HDAC-BET association. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 124, 99 | 5.8 | 2 |
| 15 | DUSP5-mediated inhibition of smooth muscle cell proliferation suppresses pulmonary hypertension and right ventricular hypertrophy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021 , 321, H382-H389 | 5.2 | 2 |
| 14 | The nonepigenetic role for small molecule histone deacetylase inhibitors in the regulation of cardiac function. <i>Future Medicinal Chemistry</i> , 2019 , 11, 1345-1356 | 4.1 | 1 |
| 13 | Introduction to nutritional epigenomics 2019 , 3-10 | | 1 |
| 12 | Acetylation-phosphorylation cross-talk: A role for HDACs in the regulation of PKC δ /theta phosphorylation. <i>FASEB Journal</i> , 2020 , 34, 1-1 | 0.9 | 1 |
| 11 | Food bioactives in the epigenomic regulation of metabolic disease 2019 , 337-352 | | |
| 10 | Regulation of the Cop9 Signalosome (CSN) during adipocyte hyperplasia. <i>FASEB Journal</i> , 2007 , 21, A703 | 0.9 | |
| 9 | Histone modification as a potential preventative and therapeutic approach for cardiovascular disease 2020 , 337-359 | | |
| 8 | DUSP5 Functions in a Feedback Loop to Suppress Angiotensin-Dependent Smooth Muscle Cell Proliferation and Pulmonary Arterial Hypertension. <i>FASEB Journal</i> , 2015 , 29, 724.11 | 0.9 | |
| 7 | Obesity-Mediated Regulation of the Cardiac Acetylome. <i>FASEB Journal</i> , 2017 , 31, 602.14 | 0.9 | |
| 6 | DUSP5 Functions in a Feedback Loop to Suppress TNF α -Induced ERK1/2 Phosphorylation and Inflammation in Adipocytes. <i>FASEB Journal</i> , 2017 , 31, 794.12 | 0.9 | |
| 5 | Regulation of IL-12 expression in adipocytes during inflammatory stress. <i>FASEB Journal</i> , 2009 , 23, 910.13 | 0.9 | |
| 4 | Differential Regulation of IL-27 Expression during Inflammatory Stress in Adipocytes. <i>FASEB Journal</i> , 2010 , 24, 476.6 | 0.9 | |
| 3 | An inhibitory role of quercetin on adipocyte differentiation by mechanisms involving p27 protein stability and suppression of G1/S phase transition during preadipocyte proliferation. <i>FASEB Journal</i> , 2011 , 25, 920.5 | 0.9 | |
| 2 | Role for dusp4 in the pathogenesis of TNF α induced proinflammatory gene expression in adipocytes. <i>FASEB Journal</i> , 2013 , 27, 865.6 | 0.9 | |

- 1 Role for dusp4 in modulating PPAR α activity by covalent modification in adipocytes (1037.12).
FASEB Journal, **2014**, 28, 1037.12 0.9