William P Cawthorn

List of Publications by Year
in descending order

45 papers	4,798 citations	147566 31 h-index	233125 45 g-index
48 all docs	48 docs citations	48 times ranked	7386 citing authors

#	Article	IF	Citations
1	Ablation of <i>Enpp6</i> Results in Transient Bone Hypomineralization. JBMR Plus, 2021, 5, e10439.	1.3	4
2	Adipocytes disrupt the translational programme of acute lymphoblastic leukaemia to favour tumour survival and persistence. Nature Communications, 2021, 12, 5507.	5.8	15
3	A comparison of the bone and growth phenotype of <i>mdx</i>, <i>mdx:cmah</i>âˆ’/âˆ’ and <i>mdx:utrn</i>+/âˆ’ murine models with the C57BL10 wildtype mouse. DMM Disease Models and Mechanisms, 2020, 13, .	1.2	7
4	Myeloma Cells Downâ€Regulate Adiponectin in Bone Marrow Adipocytes Via TNFâ€Alpha. Journal of Bone and Mineral Research, 2020, 35, 942-955.	3.1	47
5	Bone marrow adipose tissue is a unique adipose subtype with distinct roles in glucose homeostasis. Nature Communications, 2020, 11, 3097.	5.8	98
6	Bone Marrow Adipose Tissue. , 2020, , 156-177.		4
7	Fat cell progenitors get singled out. Science, 2019, 364, 328-329.	6.0	1
8	Bone marrow adipose tissue does not express UCP1 during development or adrenergic-induced remodeling. Scientific Reports, 2019, 9, 17427.	1.6	22
9	Bone marrow adipocytes resist lipolysis and remodeling in response to Î²-adrenergic stimulation. Bone, 2019, 118, 32-41.	1.4	86
10	Adipose specific disruption of seipin causes early-onset generalised lipodystrophy and altered fuel utilisation without severe metabolic disease. Molecular Metabolism, 2018, 10, 55-65.	3.0	36
11	Molecular Interaction of Bone Marrow Adipose Tissue with Energy Metabolism. Current Molecular Biology Reports, 2018, 4, 41-49.	0.8	29
12	Genetic inhibition of PPARÎ³ S112 phosphorylation reduces bone formation and stimulates marrow adipogenesis. Bone, 2018, 107, 1-9.	1.4	26
13	New Insights Into the Long Non-coding RNA SRA: Physiological Functions and Mechanisms of Action. Frontiers in Medicine, 2018, 5, 244.	1.2	42
14	Skeletal energy homeostasis: a paradigm of endocrine discovery. Journal of Endocrinology, 2017, 234, R67-R79.	1.2	37
15	Editorial: Bone Marrow Adipose Tissue: Formation, Function, and Impact on Health and Disease. Frontiers in Endocrinology, 2017, 8, 112.	1.5	33
16	Increased Circulating Adiponectin in Response to Thiazolidinediones: Investigating the Role of Bone Marrow Adipose Tissue. Frontiers in Endocrinology, 2016, 7, 128.	1.5	32
17	Induction of WNT11 by hypoxia and hypoxia-inducible factor-1Î± regulates cell proliferation, migration and invasion. Scientific Reports, 2016, 6, 21520.	1.6	50
18	Bone marrow adipose tissue as an endocrine organ: close to the bone?. Hormone Molecular Biology and Clinical Investigation, 2016, 28, 21-38.	0.3	54

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19	Marrow Adipose Tissue: Trimming the Fat. Trends in Endocrinology and Metabolism, 2016, 27, 392-403.	3.1	171
20	Reciprocal Control of Osteogenic and Adipogenic Differentiation by ERK/MAP Kinase Phosphorylation of Runx2 and PPARÎ³ Transcription Factors. Journal of Cellular Physiology, 2016, 231, 587-596.	2.0	105
21	Inside out: Bone marrow adipose tissue as a source of circulating adiponectin. Adipocyte, 2016, 5, 251-269.	1.3	61
22	Bone marrow adipose tissue: formation, function and regulation. Current Opinion in Pharmacology, 2016, 28, 50-56.	1.7	60
23	Expansion of Bone Marrow Adipose Tissue During Caloric Restriction Is Associated With Increased Circulating Glucocorticoids and Not With Hypoleptinemia. Endocrinology, 2016, 157, 508-521.	1.4	114
24	Hematopoietic IKBKE limits the chronicity of inflammasome priming and metaflammation. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 506-511.	3.3	30
25	Region-specific variation in the properties of skeletal adipocytes reveals regulated and constitutive marrow adipose tissues. Nature Communications, 2015, 6, 7808.	5.8	332
26	SRA Regulates Adipogenesis by Modulating p38/JNK Phosphorylation and Stimulating Insulin Receptor Gene Expression and Downstream Signaling. PLoS ONE, 2014, 9, e95416.	1.1	43
27	Multiplexed microfluidic enzyme assays for simultaneous detection of lipolysis products from adipocytes. Analytical and Bioanalytical Chemistry, 2014, 406, 4851-4859.	1.9	26
28	Bone Marrow Adipose Tissue Is an Endocrine Organ that Contributes to Increased Circulating Adiponectin during Caloric Restriction. Cell Metabolism, 2014, 20, 368-375.	7.2	415
29	Reduced Na+ current density underlies impaired propagation in the diabetic rabbit ventricle. Journal of Molecular and Cellular Cardiology, 2014, 69, 24-31.	0.9	29
30	Sweet Taste Receptor Deficient Mice Have Decreased Adiposity and Increased Bone Mass. PLoS ONE, 2014, 9, e86454.	1.1	52
31	Artificial Sweeteners Stimulate Adipogenesis and Suppress Lipolysis Independently of Sweet Taste Receptors. Journal of Biological Chemistry, 2013, 288, 32475-32489.	1.6	110
32	The Transcription Factor Paired-Related Homeobox 1 (Prrx1) Inhibits Adipogenesis by Activating Transforming Growth Factor-Î² (TGFÎ²) Signaling. Journal of Biological Chemistry, 2013, 288, 3036-3047.	1.6	56
33	An essential role for Tbx15 in the differentiation of brown and â€œbriteâ€• but not white adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E1053-E1060.	1.8	75
34	Secreted frizzled-related protein 5 suppresses adipocyte mitochondrial metabolism through WNT inhibition. Journal of Clinical Investigation, 2012, 122, 2405-2416.	3.9	141
35	Adipose tissue stem cells: the great WAT hope. Trends in Endocrinology and Metabolism, 2012, 23, 270-277.	3.1	88
36	Wnt6, Wnt10a and Wnt10b inhibit adipogenesis and stimulate osteoblastogenesis through a Î²-catenin-dependent mechanism. Bone, 2012, 50, 477-489.	1.4	348

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37	Adipose tissue stem cells meet preadipocyte commitment: going back to the future. Journal of Lipid Research, 2012, 53, 227-246.	2.0	339
38	The influence of Leucine-rich amelogenin peptide on MSC fate by inducing Wnt10b expression. Biomaterials, 2011, 32, 6478-6486.	5.7	31
39	Multiple Roles for the Non-Coding RNA SRA in Regulation of Adipogenesis and Insulin Sensitivity. PLoS ONE, 2010, 5, e14199.	1.1	191
40	<i>Dact1</i>, a Nutritionally Regulated Preadipocyte Gene, Controls Adipogenesis by Coordinating the Wnt/Î²-Catenin Signaling Network. Diabetes, 2009, 58, 609-619.	0.3	84
41	The transcription factors Egr1 and Egr2 have opposing influences on adipocyte differentiation. Cell Death and Differentiation, 2009, 16, 782-789.	5.0	80
42	TNFâ€Î± and adipocyte biology. FEBS Letters, 2008, 582, 117-131.	1.3	624
43	IGF-Binding Protein-2 Protects Against the Development of Obesity and Insulin Resistance. Diabetes, 2007, 56, 285-294.	0.3	231
44	Tumour necrosis factor-Î± inhibits adipogenesis via a Î²-catenin/TCF4(TCF7L2)-dependent pathway. Cell Death and Differentiation, 2007, 14, 1361-1373.	5.0	196
45	The Wnt antagonist Dickkopf-1 and its receptors are coordinately regulated during early human adipogenesis. Journal of Cell Science, 2006, 119, 2613-2620.	1.2	138