

Mark D Turner

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

2,854
citations

361413

20
h-index

330143

37
g-index

37
all docs

37
docs citations

37
times ranked

5380
citing authors

#	ARTICLE	IF	CITATIONS
1	Cytokines and chemokines: At the crossroads of cell signalling and inflammatory disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2014, 1843, 2563-2582.	4.1	1,514
2	Role of S100 proteins in health and disease. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2020, 1867, 118677.	4.1	171
3	Class II Phosphoinositide 3-Kinase Regulates Exocytosis of Insulin Granules in Pancreatic β^2 Cells. <i>Journal of Biological Chemistry</i> , 2011, 286, 4216-4225.	3.4	130
4	Proinflammatory action of the antiinflammatory drug infliximab in tumor necrosis factor receptor-associated periodic syndrome. <i>Arthritis and Rheumatism</i> , 2009, 60, 619-625.	6.7	110
5	Evidence that an Isoform of Calpain-10 Is a Regulator of Exocytosis in Pancreatic β^2 -Cells. <i>Molecular Endocrinology</i> , 2005, 19, 213-224.	3.7	107
6	Abnormal tumor necrosis factor receptor I cell surface expression and NF- κ B activation in tumor necrosis factor receptor-associated periodic syndrome. <i>Arthritis and Rheumatism</i> , 2008, 58, 273-283.	6.7	75
7	Tumor necrosis factor receptor I from patients with tumor necrosis factor receptor-associated periodic syndrome interacts with wild-type tumor necrosis factor receptor I and induces ligand-independent NF- κ B activation. <i>Arthritis and Rheumatism</i> , 2005, 52, 2906-2916.	6.7	67
8	Calpain-10: from genome search to function. <i>Diabetes/Metabolism Research and Reviews</i> , 2005, 21, 505-514.	4.0	61
9	Type 2 diabetes – An autoinflammatory disease driven by metabolic stress. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2018, 1864, 3805-3823.	3.8	60
10	Protein Traffic from the Secretory Pathway to the Endosomal System in Pancreatic β^2 -Cells. <i>Journal of Biological Chemistry</i> , 2000, 275, 14025-14030.	3.4	51
11	Carnosine scavenging of glucolipotoxic free radicals enhances insulin secretion and glucose uptake. <i>Scientific Reports</i> , 2017, 7, 13313.	3.3	42
12	Tumour necrosis factor receptor trafficking dysfunction opens the TRAPS door to pro-inflammatory cytokine secretion. <i>Bioscience Reports</i> , 2012, 32, 105-112.	2.4	39
13	The Physiological Roles of Carnosine and β^2 -Alanine in Exercising Human Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 2098-2108.	0.4	39
14	A novel TNFRSF1A splice mutation associated with increased nuclear factor κ B (NF- κ B) transcription factor activation in patients with tumour necrosis factor receptor associated periodic syndrome (TRAPS). <i>Annals of the Rheumatic Diseases</i> , 2008, 67, 1589-1595.	0.9	35
15	Glucolipotoxicity initiates pancreatic β^2 -cell death through TNFR5/CD40-mediated STAT1 and NF- κ B activation. <i>Cell Death and Disease</i> , 2016, 7, e2329-e2329.	6.3	34
16	Emerging functions of the calpain superfamily of cysteine proteases in neuroendocrine secretory pathways. <i>Journal of Neurochemistry</i> , 2007, 103, 849-859.	3.9	31
17	A Rab GTPase Is Required for Homotypic Assembly of the Endoplasmic Reticulum. <i>Journal of Biological Chemistry</i> , 1997, 272, 13479-13483.	3.4	29
18	Calpain facilitates actin reorganization during glucose-stimulated insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2007, 352, 650-655.	2.1	26

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19	High extracellular glucose inhibits exocytosis through disruption of syntaxin 1A-containing lipid rafts. <i>Biochemical and Biophysical Research Communications</i> , 2009, 389, 241-246.	2.1	24
20	Differential cytokine secretion results from p65 and c-Rel NF- κ B subunit signaling in peripheral blood mononuclear cells of TNF receptor-associated periodic syndrome patients. <i>Cellular Immunology</i> , 2011, 268, 55-59.	3.0	24
21	Luminal protein sorting to the constitutive secretory pathway of a regulated secretory cell. <i>Journal of Cell Science</i> , 2006, 119, 1833-1842.	2.0	22
22	Anti-cancer actions of carnosine and the restoration of normal cellular homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2021, 1868, 119117.	4.1	19
23	Lessons from Anti-TNF Biologics: Infliximab Failure in a TRAPS Family with the T50M Mutation in TNFRSF1A. <i>Advances in Experimental Medicine and Biology</i> , 2011, 691, 409-419.	1.6	19
24	Fatty acyl CoA-mediated inhibition of endoplasmic reticulum assembly. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2004, 1693, 1-4.	4.1	14
25	Coordinated control of both insulin secretion and insulin action through calpain-10-mediated regulation of exocytosis?. <i>Molecular Genetics and Metabolism</i> , 2007, 91, 305-307.	1.1	13
26	Effect of Carnosine or β -Alanine Supplementation on Markers of Glycemic Control and Insulin Resistance in Humans and Animals: A Systematic Review and Meta-analysis. <i>Advances in Nutrition</i> , 2021, 12, 2216-2231.	6.4	13
27	Involvement of calpain and synaptotagmin Ca ²⁺ sensors in hormone secretion from excitable endocrine cells. <i>Journal of Endocrinology</i> , 2006, 190, R1-R7.	2.6	12
28	Effect of glucolipotoxicity and rosiglitazone upon insulin secretion. <i>Biochemical and Biophysical Research Communications</i> , 2007, 356, 756-762.	2.1	12
29	Identification of a subset of trace amine-associated receptors and ligands as potential modulators of insulin secretion. <i>Biochemical Pharmacology</i> , 2020, 171, 113685.	4.4	12
30	Carnosine protects stimulus-secretion coupling through prevention of protein carbonyl adduction events in cells under metabolic stress. <i>Free Radical Biology and Medicine</i> , 2021, 175, 65-79.	2.9	12
31	Snapin mediates insulin secretory granule docking, but not trans-SNARE complex formation. <i>Biochemical and Biophysical Research Communications</i> , 2016, 473, 403-407.	2.1	7
32	The identification of TNFR5 as a therapeutic target in diabetes. <i>Expert Opinion on Therapeutic Targets</i> , 2017, 21, 349-351.	3.4	4
33	The effect of carnosine or β -alanine supplementation on markers of glycaemic control and insulin resistance in human and animal studies: a protocol for a systematic review and meta-analysis. <i>Systematic Reviews</i> , 2020, 9, 282.	5.3	3
34	Modulation of Rab7a-mediated growth factor receptor trafficking inhibits islet beta cell apoptosis and autophagy under conditions of metabolic stress. <i>Scientific Reports</i> , 2020, 10, 15741.	3.3	3
35	Comment on: Low TNF-induced NF- κ B and p38 phosphorylation levels in leucocytes in tumour necrosis factor receptor-associated periodic syndrome. <i>Rheumatology</i> , 2011, 50, 1525-1526.	1.9	2