

Megan Holmes

List of Publications by Year in descending order

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19
papers

4,883
citations

516710

16
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

5015
citing authors

#	ARTICLE	IF	CITATIONS
1	A mouse Mecp2-null mutation causes neurological symptoms that mimic Rett syndrome. <i>Nature Genetics</i> , 2001, 27, 322-326.	21.4	1,401
2	11 β -Hydroxysteroid dehydrogenase type 1 knockout mice show attenuated glucocorticoid-inducible responses and resist hyperglycemia on obesity or stress. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1997, 94, 14924-14929.	7.1	836
3	11 β -Hydroxysteroid Dehydrogenases: Intracellular Gate-Keepers of Tissue Glucocorticoid Action. <i>Physiological Reviews</i> , 2013, 93, 1139-1206.	28.8	659
4	Novel Adipose Tissue-Mediated Resistance to Diet-Induced Visceral Obesity in 11 β -Hydroxysteroid Dehydrogenase Type 1-Deficient Mice. <i>Diabetes</i> , 2004, 53, 931-938.	0.6	476
5	Improved Lipid and Lipoprotein Profile, Hepatic Insulin Sensitivity, and Glucose Tolerance in 11 β -Hydroxysteroid Dehydrogenase Type 1 Null Mice. <i>Journal of Biological Chemistry</i> , 2001, 276, 41293-41300.	3.4	395
6	Intracellular Regeneration of Glucocorticoids by 11 β -Hydroxysteroid Dehydrogenase (11 β -HSD)-1 Plays a Key Role in Regulation of the Hypothalamic-Pituitary-Adrenal Axis: Analysis of 11 β -HSD-1-Deficient Mice**The Wellcome Trust supported this work through a program grant (to J.J.M. and J.R.S.) and a Career Development Fellowship (to M.C.H.). <i>Endocrinology</i> , 2001, 142, 114-120.	2.8	201
7	The Mother or the Fetus? 11 β -Hydroxysteroid Dehydrogenase Type 2 Null Mice Provide Evidence for Direct Fetal Programming of Behavior by Endogenous Glucocorticoids. <i>Journal of Neuroscience</i> , 2006, 26, 3840-3844.	3.6	190
8	Glucocorticoids promote structural and functional maturation of foetal cardiomyocytes: a role for PGC-1 β . <i>Cell Death and Differentiation</i> , 2015, 22, 1106-1116.	11.2	109
9	Modulation of serotonin and corticosteroid receptor gene expression in the rat hippocampus with circadian rhythm and stress. <i>Molecular Brain Research</i> , 1995, 28, 186-192.	2.3	100
10	Dysregulation of Diurnal Rhythms of Serotonin 5-HT _{2C} and Corticosteroid Receptor Gene Expression in the Hippocampus with Food Restriction and Glucocorticoids. <i>Journal of Neuroscience</i> , 1997, 17, 4056-4065.	3.6	99
11	11 β -Hydroxysteroid dehydrogenase type 2 protects the neonatal cerebellum from deleterious effects of glucocorticoids. <i>Neuroscience</i> , 2006, 137, 865-873.	2.3	89
12	Foetal and placental 11 β -HSD ₂ : a hub for developmental programming. <i>Acta Physiologica</i> , 2014, 210, 288-295.	3.8	89
13	11 β -Hydroxysteroid Dehydrogenase Type 1 Expression Is Increased in the Aged Mouse Hippocampus and Parietal Cortex and Causes Memory Impairments. <i>Journal of Neuroscience</i> , 2010, 30, 6916-6920.	3.6	86
14	Maternal high-fat diet acts as a stressor increasing maternal glucocorticoids signaling to the fetus and disrupting maternal behavior and brain activation in C57BL/6J mice. <i>Psychoneuroendocrinology</i> , 2015, 60, 138-150.	2.7	66
15	Hypothalamic-Pituitary-Adrenal Axis Abnormalities in Response to Deletion of 11 β -HSD1 is Strain-Dependent. <i>Journal of Neuroendocrinology</i> , 2009, 21, 879-887.	2.6	60
16	Glioma tumourgenicity is decreased by iNOS knockout: experimental studies using the C6 striatal implantation glioma model. <i>British Journal of Neurosurgery</i> , 2002, 16, 567-572.	0.8	17
17	Forebrain-Specific Transgene Rescue of 11 β -HSD1 Associates with Impaired Spatial Memory and Reduced Hippocampal Brain-Derived Neurotrophic Factor mRNA Levels in Aged 11 β -HSD1 Deficient Mice. <i>Journal of Neuroendocrinology</i> , 2017, 29, .	2.6	6
18	Glioma tumourgenicity is decreased by iNOS knockout: experimental studies using the C6 striatal implantation glioma model. <i>British Journal of Neurosurgery</i> , 2002, 16, 567-572.	0.8	4

#	ARTICLE	IF	CITATIONS
19	Early life stress can programme our health. <i>Journal of Neuroendocrinology</i> , 2001, 13, 111-2.	2.6	0