

# Kathleen G Mountjoy

## List of Publications by Year in descending order

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28  
papers

2,880  
citations

394421

19  
h-index

526287

27  
g-index

28  
all docs

28  
docs citations

28  
times ranked

3069  
citing authors

#	ARTICLE	IF	CITATIONS
1	Divergence of Melanocortin Pathways in the Control of Food Intake and Energy Expenditure. <i>Cell</i> , 2005, 123, 493-505.	28.9	963
2	Expression of melanocortin 4 receptor mRNA in the central nervous system of the rat. <i>Journal of Comparative Neurology</i> , 2003, 457, 213-235.	1.6	516
3	Serotonin Reciprocally Regulates Melanocortin Neurons to Modulate Food Intake. <i>Neuron</i> , 2006, 51, 239-249.	8.1	345
4	Obesity, Diabetes and Functions for Proopiomelanocortin-derived Peptides. <i>Molecular and Cellular Endocrinology</i> , 1997, 128, 171-177.	3.2	147
5	Cloning and Functional Characterization of a Family of Receptors for the Melanotropic Peptides. <i>Annals of the New York Academy of Sciences</i> , 1993, 680, 342-363.	3.8	134
6	Distribution and Function of Melanocortin Receptors within the Brain. <i>Advances in Experimental Medicine and Biology</i> , 2010, 681, 29-48.	1.6	93
7	Functions for pro-opiomelanocortin-derived peptides in obesity and diabetes. <i>Biochemical Journal</i> , 2010, 428, 305-324.	3.7	86
8	Melanocortin receptor-mediated mobilization of intracellular free calcium in HEK293 cells. <i>Physiological Genomics</i> , 2001, 5, 11-19.	2.3	85
9	Melanocortin-4 receptor mRNA expression in the developing autonomic and central nervous systems. <i>Developmental Brain Research</i> , 1998, 107, 309-314.	1.7	66
10	Melanocortin-4 Receptor Messenger Ribonucleic Acid Expression in Rat Cardiorespiratory, Musculoskeletal, and Integumentary Systems. <i>Endocrinology</i> , 2003, 144, 5488-5496.	2.8	59
11	Mutations in the Carboxyl Terminus of the Agouti Protein Decrease Agouti Inhibition of Ligand Binding to the Melanocortin Receptors. <i>Biochemistry</i> , 1997, 36, 2084-2090.	2.5	56
12	$\alpha$ -Melanocyte-stimulating hormone is a novel regulator of bone. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003, 284, E1181-E1190.	3.5	47
13	Molecular genetics of the ACTH and melanocyte-stimulating hormone receptors. <i>Trends in Endocrinology and Metabolism</i> , 1993, 4, 242-247.	7.1	40
14	Melanocortin-3 receptor gene variants in a Maori kindred with obesity and early onset type 2 diabetes. <i>Diabetes Research and Clinical Practice</i> , 2002, 58, 61-71.	2.8	32
15	$\alpha$ -MSH and Desacetyl $\alpha$ -MSH Signaling through Melanocortin Receptors. <i>Annals of the New York Academy of Sciences</i> , 2003, 994, 58-65.	3.8	29
16	Agouti Antagonism of Melanocortin-4 Receptor: Greater Effect with Desacetyl $\alpha$ -Melanocyte-Stimulating Hormone (MSH) than with $\alpha$ -MSH. <i>Endocrinology</i> , 1999, 140, 2167-2172.	2.8	25
17	Evidence for direct actions of melanocortin peptides on bone metabolism. <i>Peptides</i> , 2005, 26, 1929-1935.	2.4	24
18	hMRAPa increases $\alpha$ -MSH-induced hMC1R and hMC3R functional coupling and hMC4R constitutive activity. <i>Journal of Molecular Endocrinology</i> , 2013, 50, 203-215.	2.5	22

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19	Desacetyl- $\hat{\alpha}$ -melanocyte stimulating hormone and $\hat{\alpha}$ -melanocyte stimulating hormone are required to regulate energy balance. <i>Molecular Metabolism</i> , 2018, 9, 207-216.	6.5	22
20	Chronic High-Fat Diet Exacerbates Sexually Dimorphic Pomctm1/tm1 Mouse Obesity. <i>Endocrinology</i> , 2019, 160, 1081-1096.	2.8	20
21	Mouse melanocortin-4 receptor gene 5 $\hat{\alpha}$ -flanking region imparts cell specific expression in vitro. <i>Molecular and Cellular Endocrinology</i> , 2001, 184, 173-185.	3.2	18
22	ELISA versus LUMINEX assay for measuring mouse metabolic hormones and cytokines: sharing the lessons I have learned. <i>Journal of Immunoassay and Immunochemistry</i> , 2021, 42, 154-173.	1.1	14
23	1kb of 5 $\hat{\alpha}$ -flanking sequence from mouse MC4R gene is sufficient for tissue specific expression in a transgenic mouse. <i>Molecular and Cellular Endocrinology</i> , 2005, 239, 63-71.	3.2	10
24	Cloning of the Melanocortin Receptors. , 2000, , 209-235.		9
25	hMRAP $\hat{\alpha}$ , but Not hMRAP2, Enhances hMC4R Constitutive Activity in HEK293 Cells and This Is Not Dependent on hMRAP $\hat{\alpha}$ Induced Changes in hMC4R Complex N-linked Glycosylation. <i>PLoS ONE</i> , 2015, 10, e0140320.	2.5	8
26	A polymorphism (D20S32e) close to the human melanocortin receptor 3 is associated with insulin resistance but not the metabolic syndrome. <i>Diabetes Research and Clinical Practice</i> , 2008, 80, 203-207.	2.8	7
27	Peripherally administered desacetyl $\hat{\alpha}$ -MSH and $\hat{\alpha}$ -MSH both influence postnatal rat growth and associated rat hypothalamic protein expression. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1372-E1380.	3.5	2
28	Central administration of $\hat{\alpha}$ -MSH reduces body weight in obese male Pomctm1/tm1 mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129673.	2.4	1