

# Ya-Xiong Tao

## List of Publications by Year in descending order

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145  
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149  
docs citations

149  
times ranked

5212  
citing authors

#	ARTICLE	IF	CITATIONS
1	Naturally occurring mutations in G protein-coupled receptors associated with obesity and type 2 diabetes mellitus. , 2022, 234, 108044.		13
2	Regulation of Melanocortin-3 and -4 Receptors by Isoforms of Melanocortin-2 Receptor Accessory Protein 1 and 2. <i>Biomolecules</i> , 2022, 12, 244.	1.8	5
3	Mutations in rhodopsin, endothelin B receptor, and CC chemokine receptor 5 in large animals: Modeling human diseases. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , .	0.9	0
4	Melanocortin-1 receptor mutations and pigmentation: Insights from large animals. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , .	0.9	7
5	Demonstration of a Common DPhe <sup>7</sup> to DNal(2 $\epsilon$ ) <sup>7</sup> Peptide Ligand Antagonist Switch for Melanocortin-3 and Melanocortin-4 Receptors Identifies the Systematic Mischaracterization of the Pharmacological Properties of Melanocortin Peptides. <i>Journal of Medicinal Chemistry</i> , 2022, 65, 5990-6000.	2.9	6
6	Development of a Therapeutic Peptide for Cachexia Suggests a Platform Approach for Drug-like Peptides. <i>ACS Pharmacology and Translational Science</i> , 2022, 5, 344-361.	2.5	5
7	Mutations in melanocortin-4 receptor: From fish to men. <i>Progress in Molecular Biology and Translational Science</i> , 2022, , 215-257.	0.9	5
8	Early transcriptomic response of mouse adrenal gland and Y-1 cells to dexamethasone. <i>Endocrine Connections</i> , 2022, , .	0.8	1
9	Pharmacological characterization of three chicken melanocortin-3 receptor mutants. <i>Domestic Animal Endocrinology</i> , 2021, 74, 106507.	0.8	2
10	Biased signaling in naturally occurring mutations of G protein-coupled receptors associated with diverse human diseases. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2021, 1867, 165973.	1.8	24
11	Exploring Pleiotropic Functions of Canine $\beta$ -Defensin 103: Nasal Cavity Expression, Antimicrobial Activity, and Melanocortin Receptor Activity. <i>Anatomical Record</i> , 2021, 304, 210-221.	0.8	5
12	MRAP2 Interaction with Melanocortin-4 Receptor in SnakeHead ( <i>Channa argus</i> ). <i>Biomolecules</i> , 2021, 11, 481.	1.8	23
13	Regulation of Melanocortin-5 Receptor Pharmacology by Two Isoforms of MRAP2 in Ricefield Eel ( <i>Monopterus albus</i> ). <i>Journal of the Endocrine Society</i> , 2021, 5, A508-A508.	0.1	0
14	Topmouth culter melanocortin-3 receptor: regulation by two isoforms of melanocortin-2 receptor accessory protein 2. <i>Endocrine Connections</i> , 2021, 10, 1489-1501.	0.8	11
15	Regulation of melanocortin-5 receptor pharmacology by two isoforms of MRAP2 in ricefield eel ( <i>Monopterus albus</i> ). <i>General and Comparative Endocrinology</i> , 2021, 314, 113928.	0.8	6
16	Regulation of melanocortin-1 receptor pharmacology by melanocortin receptor accessory protein 2 in orange-spotted grouper ( <i>Epinephelus coioides</i> ). <i>General and Comparative Endocrinology</i> , 2020, 285, 113291.	0.8	9
17	Endothelial Cell Cystathionine $\beta$ -Lyase Expression Level Modulates Exercise Capacity, Vascular Function, and Myocardial Ischemia Reperfusion Injury. <i>Journal of the American Heart Association</i> , 2020, 9, e017544.	1.6	27
18	Alanine Scanning Mutagenesis of the DRYxxI Motif and Intracellular Loop 2 of Human Melanocortin-4 Receptor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7611.	1.8	11

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19	Structural Complexity and Plasticity of Signaling Regulation at the Melanocortin-4 Receptor. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5728.	1.8	12
20	Regulation of Melanocortin-4 Receptor Pharmacology by Two Isoforms of Melanocortin Receptor Accessory Protein 2 in Topmouth Culter ( <i>Culter alburnus</i> ). <i>Frontiers in Endocrinology</i> , 2020, 11, 538.	1.5	17
21	Molecular chaperones and G protein-coupled receptor maturation and pharmacology. <i>Molecular and Cellular Endocrinology</i> , 2020, 511, 110862.	1.6	27
22	Nerve growth factor in metabolic complications and Alzheimer's disease: Physiology and therapeutic potential. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165858.	1.8	13
23	Melanocortin-4 receptor regulation of reproductive function in black rockfish ( <i>Sebastes schlegelii</i> ). <i>Gene</i> , 2020, 741, 144541.	1.0	15
24	Mandarin fish ( <i>Siniperca</i> ) genomes provide insights into innate predatory feeding. <i>Communications Biology</i> , 2020, 3, 361.	2.0	33
25	Biased signaling in fish melanocortin-4 receptors (MC4Rs): Divergent pharmacology of four ligands on spotted scat ( <i>Scatophagus argus</i> ) and grass carp ( <i>Ctenopharyngodon idella</i> ) MC4Rs. <i>Molecular and Cellular Endocrinology</i> , 2020, 515, 110929.	1.6	15
26	Orange-spotted grouper melanocortin-4 receptor: Modulation of signaling by MRAP2. <i>General and Comparative Endocrinology</i> , 2019, 284, 113234.	0.8	31
27	Melanocortin-4 Receptor in Spotted Sea Bass, <i>Lateolabrax maculatus</i> : Cloning, Tissue Distribution, Physiology, and Pharmacology. <i>Frontiers in Endocrinology</i> , 2019, 10, 705.	1.5	28
28	Melanocortin Regulation of Inflammation. <i>Frontiers in Endocrinology</i> , 2019, 10, 683.	1.5	67
29	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 161, xi.	0.9	0
30	Mutations in GPR101 as a potential cause of X-linked acrogigantism and acromegaly. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 161, 47-67.	0.9	6
31	Physiology, pharmacology, and pathophysiology of neuropeptide S receptor. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 161, 125-148.	0.9	5
32	The impact of acute thermal stress on the metabolome of the black rockfish ( <i>Sebastes schlegelii</i> ). <i>PLoS ONE</i> , 2019, 14, e0217133.	1.1	39
33	PPAR- $\delta$ Activation Ameliorates Diabetes-Induced Cognitive Dysfunction by Modulating Integrin-linked Kinase and AMPA Receptor Function. <i>Journal of the American College of Nutrition</i> , 2019, 38, 693-702.	1.1	7
34	Characterization of channel catfish ( <i>Ictalurus punctatus</i> ) melanocortin-3 receptor reveals a potential network in regulation of energy homeostasis. <i>General and Comparative Endocrinology</i> , 2019, 277, 90-103.	0.8	30
35	Effects of photoperiod and light Spectrum on growth performance, digestive enzymes, hepatic biochemistry and peripheral hormones in spotted sea bass ( <i>Lateolabrax maculatus</i> ). <i>Aquaculture</i> , 2019, 507, 419-427.	1.7	27
36	Pharmacology of the giant panda ( <i>Ailuropoda melanoleuca</i> ) melanocortin-3 receptor. <i>General and Comparative Endocrinology</i> , 2019, 277, 73-81.	0.8	8

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37	Therapeutic strategies for diseases caused by loss-of-function mutations in G protein-coupled receptors. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 161, 181-210.	0.9	6
38	Physiology and pathophysiology of the $\beta_2$ -adrenergic receptor. <i>Progress in Molecular Biology and Translational Science</i> , 2019, 161, 91-112.	0.9	19
39	Fenoprofen—An Old Drug Rediscovered as a Biased Allosteric Enhancer for Melanocortin Receptors. <i>ACS Chemical Neuroscience</i> , 2019, 10, 1066-1074.	1.7	9
40	Molecular cloning, tissue distribution, and pharmacological characterization of blunt snout bream ( <i>Megalobrama amblycephala</i> ) melanocortin-5 receptor. <i>Fish Physiology and Biochemistry</i> , 2019, 45, 311-321.	0.9	8
41	SUN-480 Melanocortin-4 Receptor In Spotted Sea Bass: Cloning, Tissue Distribution, Physiology And Pharmacology. <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.1	0
42	Expression of estrogen receptors in female rainbow trout ( <i>Oncorhynchus mykiss</i> ) during first ovarian development and under dense rearing condition. <i>General and Comparative Endocrinology</i> , 2018, 259, 1-11.	0.8	2
43	Hydrogen Sulfide Attenuates Renin-Angiotensin and Aldosterone Pathological Signaling to Preserve Kidney Function and Improve Exercise Tolerance in Heart Failure. <i>JACC Basic To Translational Science</i> , 2018, 3, 796-809.	1.9	28
44	Pharmacoperone drugs: targeting misfolded proteins causing lysosomal storage-, ion channels-, and G protein-coupled receptors-associated conformational disorders. <i>Expert Review of Clinical Pharmacology</i> , 2018, 11, 611-624.	1.3	32
45	Pharmacoperones as Novel Therapeutics for Diverse Protein Conformational Diseases. <i>Physiological Reviews</i> , 2018, 98, 697-725.	13.1	74
46	Melanocortin-4 receptor in swamp eel ( <i>Monopterus albus</i> ): Cloning, tissue distribution, and pharmacology. <i>Gene</i> , 2018, 678, 79-89.	1.0	30
47	Regulation of prostate cancer by hormone-responsive G protein-coupled receptors. , 2018, 191, 135-147.		22
48	Ammonia nitrogen excretion in Mandarin Fish ( <i>Siniperca chuatsi</i> ) and Grass Carp ( <i>Ctenopharyngodon idellus</i> ) fed practical diets: the effects of water temperature. <i>Aquaculture Research</i> , 2017, 48, 836-843.	0.9	11
49	Effects of melanocortin-4 receptor agonists and antagonists on expression of genes related to reproduction in spotted scat, <i>Scatophagus argus</i> . <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 603-612.	0.7	30
50	Pharmacological chaperones for the misfolded melanocortin-4 receptor associated with human obesity. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2496-2507.	1.8	27
51	Biased signaling at neural melanocortin receptors in regulation of energy homeostasis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2486-2495.	1.8	61
52	Effects of fasting, temperature, and photoperiod on preproghrelin mRNA expression in Chinese perch. <i>Fish Physiology and Biochemistry</i> , 2017, 43, 803-812.	0.9	7
53	Molecular cloning, tissue distribution, and pharmacological characterization of melanocortin-4 receptor in grass carp ( <i>Ctenopharyngodon idella</i> ). <i>Domestic Animal Endocrinology</i> , 2017, 59, 140-151.	0.8	32
54	Melanocortin receptors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017, 1863, 2411-2413.	1.8	29

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55	Eicosapentaenoic acid abolishes inhibition of insulin-induced mTOR phosphorylation by LPS via PTP1B downregulation in skeletal muscle. <i>Molecular and Cellular Endocrinology</i> , 2017, 439, 116-125.	1.6	14
56	Biased signaling initiated by agouti-related peptide through human melanocortin-3 and -4 receptors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2016, 1862, 1485-1494.	1.8	38
57	Molecular cloning, tissue distribution, and pharmacological characterization of melanocortin-4 receptor in spotted scat, <i>Scatophagus argus</i> . <i>General and Comparative Endocrinology</i> , 2016, 230-231, 143-152.	0.8	40
58	Mutations in Melanocortin-3 Receptor Gene and Human Obesity. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 140, 97-129.	0.9	31
59	Ghrelin Receptor Mutations and Human Obesity. <i>Progress in Molecular Biology and Translational Science</i> , 2016, 140, 131-150.	0.9	17
60	Hypothalamus-pituitary-gonad axis of rainbow trout ( <i>Oncorhynchus mykiss</i> ) during early ovarian development and under dense rearing condition. <i>General and Comparative Endocrinology</i> , 2016, 236, 131-138.	0.8	8
61	Identification and pharmacological analyses of eight naturally occurring caprine melanocortin-1 receptor mutations in three different goat breeds. <i>General and Comparative Endocrinology</i> , 2016, 235, 1-10.	0.8	4
62	Leptin expression in mandarin fish <i>Siniperca chuatsi</i> (Basilewsky): Regulation by postprandial and short-term fasting treatment. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2016, 194, 8-18.	0.8	32
63	GPR120 promotes adipogenesis through intracellular calcium and extracellular signal-regulated kinase 1/2 signal pathway. <i>Molecular and Cellular Endocrinology</i> , 2016, 434, 1-13.	1.6	41
64	Genomic structure, tissue expression and single nucleotide polymorphisms of lipoprotein lipase and hepatic lipase genes in Chinese perch. <i>Aquaculture Nutrition</i> , 2016, 22, 786-800.	1.1	4
65	Adaptations of lipid metabolism and food intake in response to low and high fat diets in juvenile grass carp ( <i>Ctenopharyngodon idellus</i> ). <i>Aquaculture</i> , 2016, 457, 43-49.	1.7	109
66	Molecular cloning and pharmacological characterization of giant panda ( <i>Ailuropoda melanoleuca</i> ) melanocortin-4 receptor. <i>General and Comparative Endocrinology</i> , 2016, 229, 32-40.	0.8	8
67	Pharmacologic analyses of four chicken melanocortin-4 receptor mutations. <i>Domestic Animal Endocrinology</i> , 2016, 54, 68-75.	0.8	7
68	Biased Signaling in Naturally Occurring Mutations in Human Melanocortin-3 Receptor Gene. <i>International Journal of Biological Sciences</i> , 2015, 11, 423-433.	2.6	26
69	Sustained release nitrite therapy results in myocardial protection in a porcine model of metabolic syndrome with peripheral vascular disease. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H305-H317.	1.5	13
70	Transcriptome analysis of food habit transition from carnivory to herbivory in a typical vertebrate herbivore, grass carp <i>Ctenopharyngodon idella</i> . <i>BMC Genomics</i> , 2015, 16, 15.	1.2	43
71	Obestatin partially suppresses ghrelin stimulation of appetite in "high-responders" grass carp, <i>Ctenopharyngodon idellus</i> . <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2015, 184, 144-149.	0.8	10
72	Molecular cloning and tissue expression of uncoupling protein 1, 2 and 3 genes in Chinese perch ( <i>Siniperca chuatsi</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 185, 24-33.	0.7	19

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73	Therapeutic potential of sustained-release sodium nitrite for critical limb ischemia in the setting of metabolic syndrome. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 309, H82-H92.	1.5	15
74	Transcriptome analysis of grass carp ( <i>Ctenopharyngodon idella</i> ) fed with animal and plant diets. <i>Gene</i> , 2015, 574, 371-379.	1.0	14
75	Molecular cloning, expression and single nucleotide polymorphisms of protein phosphatase 1 (PP1) in mandarin fish ( <i>Siniperca chuatsi</i> ). <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2015, 189, 69-79.	0.7	5
76	Functions of DPLIY motif and helix 8 of human melanocortin-3 receptor. <i>Journal of Molecular Endocrinology</i> , 2015, 55, 107-117.	1.1	15
77	A Small Molecule Agonist THIQ as a Novel Pharmacoperone for Intracellularly Retained Melanocortin-4 Receptor Mutants. <i>International Journal of Biological Sciences</i> , 2014, 10, 817-824.	2.6	26
78	Defect in MAPK Signaling As a Cause for Monogenic Obesity Caused By Inactivating Mutations in the Melanocortin-4 Receptor Gene. <i>International Journal of Biological Sciences</i> , 2014, 10, 1128-1137.	2.6	43
79	Chaperoning G Protein-Coupled Receptors: From Cell Biology to Therapeutics. <i>Endocrine Reviews</i> , 2014, 35, 602-647.	8.9	114
80	Functions of the DRY motif and intracellular loop 2 of human melanocortin 3 receptor. <i>Journal of Molecular Endocrinology</i> , 2014, 53, 319-330.	1.1	27
81	Preface. <i>Advances in Pharmacology</i> , 2014, 70, ix-x.	1.2	3
82	Ipsen 5i is a Novel Potent Pharmacoperone for Intracellularly Retained Melanocortin-4 Receptor Mutants. <i>Frontiers in Endocrinology</i> , 2014, 5, 131.	1.5	27
83	Constitutive Activity in Melanocortin-4 Receptor. <i>Advances in Pharmacology</i> , 2014, 70, 135-154.	1.2	61
84	Hydrogen sulfide cytoprotective signaling is endothelial nitric oxide synthase-nitric oxide dependent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3182-3187.	3.3	301
85	Programming effects of high-carbohydrate feeding of larvae on adult glucose metabolism in zebrafish, <i>Danio rerio</i> . <i>British Journal of Nutrition</i> , 2014, 111, 808-818.	1.2	77
86	Targeting GPR119 for the Potential Treatment of Type 2 Diabetes Mellitus. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 121, 95-131.	0.9	14
87	G Protein-Coupled Receptors as Regulators of Glucose Homeostasis and Therapeutic Targets for Diabetes Mellitus. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 121, 1-21.	0.9	7
88	Brain-derived neurotrophic factor in human subjects with function-altering melanocortin-4 receptor variants. <i>International Journal of Obesity</i> , 2014, 38, 1068-1074.	1.6	15
89	Physiology and Therapeutics of the Free Fatty Acid Receptor GPR40. <i>Progress in Molecular Biology and Translational Science</i> , 2014, 121, 67-94.	0.9	15
90	Nitrite Therapy Improves Left Ventricular Function During Heart Failure via Restoration of Nitric Oxide-Mediated Cytoprotective Signaling. <i>Circulation Research</i> , 2014, 114, 1281-1291.	2.0	63

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91	Abstract 16763: Mechanical Circulatory Support Promotes Myocardial Nitric Oxide Signaling in Heart Failure Patients. <i>Circulation</i> , 2014, 130, .	1.6	2
92	G Protein-Coupled Receptors as Regulators of Energy Homeostasis. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 114, 1-43.	0.9	14
93	Insights into food preference in hybrid F1 of <i>Siniperca chuatsi</i> (♂ <sup>TM</sup> ) × <i>Siniperca scherzeri</i> (♀ <sup>TM</sup> ), mandarin fish through transcriptome analysis. <i>BMC Genomics</i> , 2013, 14, 601.	1.2	72
94	Gene structure and expression of leptin in Chinese perch. <i>General and Comparative Endocrinology</i> , 2013, 194, 183-188.	0.8	21
95	Activation of MAPK by inverse agonists in six naturally occurring constitutively active mutant human melanocortin-4 receptors. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2013, 1832, 1939-1948.	1.8	44
96	Free Fatty Acid Receptor GPR120 and Pathogenesis of Obesity and Type 2 Diabetes Mellitus. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 114, 251-276.	0.9	26
97	Feeding a DHA-enriched diet increases skeletal muscle protein synthesis in growing pigs: association with increased skeletal muscle insulin action and local mRNA expression of insulin-like growth factor 1. <i>British Journal of Nutrition</i> , 2013, 110, 671-680.	1.2	47
98	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2013, 114, xiii.	0.9	0
99	Functions of the Third Intracellular Loop of the Human Melanocortin-3 Receptor. <i>Current Pharmaceutical Design</i> , 2013, 19, 4831-4838.	0.9	9
100	Selective $\beta_2$ -Adrenoreceptor Stimulation Attenuates Myocardial Cell Death and Preserves Cardiac Function After Ischemia/Reperfusion Injury. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 1865-1874.	1.1	28
101	Functions of transmembrane domain 3 of human melanocortin-4 receptor. <i>Journal of Molecular Endocrinology</i> , 2012, 49, 221-235.	1.1	45
102	Pleiotropic functions of the transmembrane domain 6 of human melanocortin-4 receptor. <i>Journal of Molecular Endocrinology</i> , 2012, 49, 237-248.	1.1	32
103	Expression of melanocortin receptors in human prostate cancer cell lines: MC2R activation by ACTH increases prostate cancer cell proliferation. <i>International Journal of Oncology</i> , 2012, 41, 1373-1380.	1.4	11
104	Functional characterization of nine novel naturally occurring human melanocortin-3 receptor mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2012, 1822, 1752-1761.	1.8	24
105	Pharmacological characterization of canine melanocortin-4 receptor and its natural variant V213F. <i>Domestic Animal Endocrinology</i> , 2011, 41, 91-97.	0.8	16
106	Functional studies on twenty novel naturally occurring melanocortin-4 receptor mutations. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2011, 1812, 1190-1199.	1.8	46
107	Pancreatic neuronal melanocortin-4 receptor modulates serum insulin levels independent of leptin receptor. <i>Endocrine</i> , 2010, 37, 220-230.	1.1	26
108	The Melanocortin-4 Receptor: Physiology, Pharmacology, and Pathophysiology. <i>Endocrine Reviews</i> , 2010, 31, 506-543.	8.9	435

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109	Constitutive Activity of Neural Melanocortin Receptors. <i>Methods in Enzymology</i> , 2010, 484, 267-279.	0.4	63
110	Mutations in the melanocortin-3 receptor (MC3R) gene: Impact on human obesity or adiposity. <i>Current Opinion in Investigational Drugs</i> , 2010, 11, 1092-6.	2.3	29
111	Chapter 5 Follicle Stimulating Hormone Receptor Mutations and Reproductive Disorders. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 89, 115-131.	0.9	22
112	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 89, xi-xii.	0.9	0
113	Preface. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 88, xi-xii.	0.9	0
114	Chapter 6 Mutations in Melanocortin-4 Receptor and Human Obesity. <i>Progress in Molecular Biology and Translational Science</i> , 2009, 88, 173-204.	0.9	87
115	Functional characterization and pharmacological rescue of melanocortin-4 receptor mutations identified from obese patients. <i>Journal of Cellular and Molecular Medicine</i> , 2009, 13, 3268-3282.	1.6	86
116	A novel melanocortin-4 receptor gene mutation in a female patient with severe childhood obesity. <i>Endocrine</i> , 2009, 36, 52-59.	1.1	24
117	Genistein decreases androgen biosynthesis in rat Leydig cells by interference with luteinizing hormone-dependent signaling. <i>Toxicology Letters</i> , 2009, 184, 169-175.	0.4	37
118	Functions of Transmembrane Domain 6 in Human Melanocortin-4 Receptor. <i>FASEB Journal</i> , 2009, 23, 943.4.	0.2	0
119	Functions of acidic transmembrane residues in human melanocortin-3 receptor binding and activation. <i>Biochemical Pharmacology</i> , 2008, 76, 520-530.	2.0	47
120	Constitutive activation of G protein-coupled receptors and diseases: Insights into mechanisms of activation and therapeutics. , 2008, 120, 129-148.		143
121	Pharmacological analyses of two naturally occurring porcine melanocortin-4 receptor mutations in domestic pigs. <i>Domestic Animal Endocrinology</i> , 2008, 34, 383-390.	0.8	33
122	Molecular cloning and pharmacological characterization of porcine melanocortin-3 receptor. <i>Journal of Endocrinology</i> , 2007, 196, 139-148.	1.2	30
123	Intrinsic Differences in the Response of the Human Lutropin Receptor Versus the Human Follitropin Receptor to Activating Mutations. <i>Journal of Biological Chemistry</i> , 2007, 282, 25527-25539.	1.6	44
124	Functional characterization of novel melanocortin-3 receptor mutations identified from obese subjects. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2007, 1772, 1167-1174.	1.8	56
125	Molecular analysis of the neuropeptide Y1 receptor gene in human idiopathic gonadotropin-dependent precocious puberty and isolated hypogonadotropic hypogonadism. <i>Fertility and Sterility</i> , 2007, 87, 627-634.	0.5	19
126	Inactivating Melanocortin 4 Receptor Mutations and Human Obesity. , 2007, , 45-58.		0



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127	Identification and functional characterization of three novel human melanocortin-4 receptor gene variants in an obese Chinese population. <i>Clinical Endocrinology</i> , 2006, 65, 198-205.	1.2	34
128	Inactivating mutations of G protein-coupled receptors and diseases: Structure-function insights and therapeutic implications. , 2006, 111, 949-973.		123
129	Functional Analyses of Melanocortin-4 Receptor Mutations Identified from Patients with Binge Eating Disorder and Nonobese or Obese Subjects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005, 90, 5632-5638.	1.8	92
130	Molecular mechanisms of the neural melanocortin receptor dysfunction in severe early onset obesity. <i>Molecular and Cellular Endocrinology</i> , 2005, 239, 1-14.	1.6	172
131	Functional Characterization of Melanocortin-3 Receptor Variants Identify a Loss-of-Function Mutation Involving an Amino Acid Critical for G Protein-Coupled Receptor Activation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3936-3942.	1.8	78
132	Constitutive and Agonist-dependent Self-association of the Cell Surface Human Lutropin Receptor. <i>Journal of Biological Chemistry</i> , 2004, 279, 5904-5914.	1.6	91
133	Desensitization of Gs-Coupled Receptor Signaling by Constitutively Active Mutants of the Human Lutropin/Choriogonadotropin Receptor. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 1194-1204.	1.8	15
134	Deletion of Codons 88â€“92 of the Melanocortin-4 Receptor Gene: A Novel Deleterious Mutation in an Obese Female. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 5841-5845.	1.8	41
135	Functional Characterization of Melanocortin-4 Receptor Mutations Associated with Childhood Obesity. <i>Endocrinology</i> , 2003, 144, 4544-4551.	1.4	181
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143	Hormonal induction of precocious sex reversal in the ricefield eel, <i>Monopterus albus</i> . <i>Aquaculture</i> , 1993, 118, 131-140.	1.7	43
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145	Trophoblast interferons of primates. Placenta, 1992, 13, A62.	0.7	0