

Antonius Plagge

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,567
citations

394421

19
h-index

377865

34
g-index

41
all docs

41
docs citations

41
times ranked

1746
citing authors

#	ARTICLE	IF	CITATIONS
1	Firefly luciferase offers superior performance to AkaLuc for tracking the fate of administered cell therapies. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2022, 49, 796-808.	6.4	16
2	Maternal GNAS Contributes to the Extra-Large G Protein $\hat{\alpha}$ -Subunit (XL $\hat{\alpha}$ s) Expression in a Cell Type-Specific Manner. <i>Frontiers in Genetics</i> , 2021, 12, 680537.	2.3	4
3	Extra-Large $\hat{\alpha}$ Protein (XL $\hat{\alpha}$ s) Deficiency Causes Severe Adenine-Induced Renal Injury with Massive FGF23 Elevation. <i>Endocrinology</i> , 2020, 161, .	2.8	4
4	Assessing Human Embryonic Stem Cell-Derived Dopaminergic Neuron Progenitor Transplants Using Non-invasive Imaging Techniques. <i>Molecular Imaging and Biology</i> , 2020, 22, 1244-1254.	2.6	5
5	Imprinted Genes and Hypothalamic Function. <i>Masterclass in Neuroendocrinology</i> , 2020, , 265-294.	0.1	4
6	Conditional targeting in mice reveals that hepatic homogentisate 1,2-dioxygenase activity is essential in reducing circulating homogentisic acid and for effective therapy in the genetic disease alkaptonuria. <i>Human Molecular Genetics</i> , 2019, 28, 3928-3939.	2.9	16
7	A G protein-coupled, IP3/protein kinase C pathway controlling the synthesis of phosphaturic hormone FGF23. <i>JCI Insight</i> , 2019, 4, .	5.0	16
8	MON-LB087 Synthesis of Osteocyte-Derived Phosphaturic Hormone FGF23 via IP3/PKC Signaling Downstream of the Extra-Large $\hat{\alpha}$ Subunit (XL $\hat{\alpha}$ s). <i>Journal of the Endocrine Society</i> , 2019, 3, .	0.2	0
9	Generation of Functioning Nephrons by Implanting Human Pluripotent Stem Cell-Derived Kidney Progenitors. <i>Stem Cell Reports</i> , 2018, 10, 766-779.	4.8	134
10	Functional comparison of distinct <i>Brachyury</i> + states in a renal differentiation assay. <i>Biology Open</i> , 2018, 7, .	1.2	2
11	Multicolour In Vivo Bioluminescence Imaging Using a NanoLuc-Based BRET Reporter in Combination with Firefly Luciferase. <i>Contrast Media and Molecular Imaging</i> , 2018, 2018, 1-10.	0.8	26
12	Assessing the Effectiveness of a Far-Red Fluorescent Reporter for Tracking Stem Cells In Vivo. <i>International Journal of Molecular Sciences</i> , 2018, 19, 19.	4.1	30
13	Multimodal cell tracking from systemic administration to tumour growth by combining gold nanorods and reporter genes. <i>ELife</i> , 2018, 7, .	6.0	33
14	Large G protein $\hat{\alpha}$ -subunit XL $\hat{\alpha}$ s limits clathrin-mediated endocytosis and regulates tissue iron levels in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9559-E9568.	7.1	9
15	Impulsive choices in mice lacking imprinted Nesp55. <i>Genes, Brain and Behavior</i> , 2016, 15, 693-701.	2.2	27
16	Reductions in hypothalamic Gfap expression, glial cells and $\hat{\alpha}$ -tanocytes in lean and hypermetabolic Gnasxl-deficient mice. <i>Molecular Brain</i> , 2016, 9, 39.	2.6	10
17	The G protein $\hat{\alpha}$ subunit variant XL $\hat{\alpha}$ s promotes inositol 1,4,5-trisphosphate signaling and mediates the renal actions of parathyroid hormone in vivo. <i>Science Signaling</i> , 2015, 8, ra84.	3.6	23
18	Elevated blood pressure, heart rate and body temperature in mice lacking the XL $\hat{\alpha}$ s protein of the Gnas locus is due to increased sympathetic tone. <i>Experimental Physiology</i> , 2013, 98, 1432-1445.	2.0	17

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19	Gene Dosage Effects at the Imprinted Gnas Cluster. PLoS ONE, 2013, 8, e65639.	2.5	17
20	Non-Coding RNAs at the Gnas and Snrpn-Ube3a Imprinted Gene Loci and Their Involvement in Hereditary Disorders. Frontiers in Genetics, 2012, 3, 264.	2.3	8
21	Loss of XL ^{±s} (extra-large ^{±s}) imprinting results in early postnatal hypoglycemia and lethality in a mouse model of pseudohypoparathyroidism 1b. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 6638-6643.	7.1	19
22	Postnatal Changes in the Expression Pattern of the Imprinted Signalling Protein XL ^{±s} Underlie the Changing Phenotype of Deficient Mice. PLoS ONE, 2012, 7, e29753.	2.5	20
23	GNASHaploinsufficiency Leads to Subcutaneous Tumor Formation With Collagen and Elastin Deposition and Calcification. Endocrine Research, 2009, 34, 1-9.	1.2	8
24	Characterization of a novel obesity phenotype caused by interspecific hybridization. Archives of Physiology and Biochemistry, 2008, 114, 301-330.	2.1	0
25	Physiological functions of the imprinted Gnas locus and its protein variants G ^{±s} and XL ^{±s} in human and mouse. Journal of Endocrinology, 2008, 196, 193-214.	2.6	99
26	Physiological Dysfunctions Associated with Mutations of the Imprinted <i>Gnas</i> Locus. Physiology, 2008, 23, 221-229.	3.1	6
27	Imprinted Genes, Postnatal Adaptations and Enduring Effects on Energy Homeostasis. Advances in Experimental Medicine and Biology, 2008, 626, 41-61.	1.6	32
28	Identification of an imprinting control region affecting the expression of all transcripts in the Gnas cluster. Nature Genetics, 2006, 38, 350-355.	21.4	176
29	Imprinting the <i>Gnas</i> locus. Cytogenetic and Genome Research, 2006, 113, 178-187.	1.1	33
30	The Alternative Stimulatory G Protein ^{±s} -Subunit XL ^{±s} Is a Critical Regulator of Energy and Glucose Metabolism and Sympathetic Nerve Activity in Adult Mice. Journal of Biological Chemistry, 2006, 281, 18989-18999.	3.4	90
31	Imprinted Nesp55 Influences Behavioral Reactivity to Novel Environments. Molecular and Cellular Biology, 2005, 25, 3019-3026.	2.3	136
32	The imprinted signaling protein XL ^{±s} is required for postnatal adaptation to feeding. Nature Genetics, 2004, 36, 818-826.	21.4	279
33	A cis-acting control region is required exclusively for the tissue-specific imprinting of Gnas. Nature Genetics, 2004, 36, 894-899.	21.4	157
34	The Contactin-Related Protein FAR-2 Defines Purkinje Cell Clusters and Labels Subpopulations of Climbing Fibers in the Developing Cerebellum. Molecular and Cellular Neurosciences, 2001, 18, 91-107.	2.2	22
35	Neurotractin, A Novel Neurite Outgrowth-promoting Ig-like Protein that Interacts with CEPU-1 and LAMP. Journal of Cell Biology, 1999, 145, 865-876.	5.2	66
36	The gene of the neural cell recognition molecule F11: conserved exon-intron arrangement in genes of neural members of the immunoglobulin superfamily. Gene, 1997, 192, 215-225.	2.2	19

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37	Epitope Mapping on Extracellular Domains of Cell-Surface Proteins Using Exonuclease III. , 1996, 66, 319-342.		3