BalÃ¡zs Gereben

List of Publications by Year
in descending order

47 papers	4,781 citations	172457 29 h-index	233421 45 g-index
50 all docs	50 docs citations	50 times ranked	4175 citing authors

#	Article	IF	Citations
1	Expression of glucagon-like peptide 1 receptor in neuropeptide Y neurons of the arcuate nucleus in mice. Brain Structure and Function, 2022, 227, 77-87.	2.3	4
2	Tanycyte specific ablation of diacylglycerol lipase alpha stimulates the hypothalamicâ€pituitaryâ€thyroid axis by decreasing the endocannabinoid mediated inhibition of TRH release. Journal of Neuroendocrinology, 2022, 34, e13079.	2.6	2
3	T3 Enters Axon Terminals of Mouse Cortical Neurons, Is Retrogradely Transported to the Cell Nucleus and Activates Gene Expression. Journal of the Endocrine Society, 2021, 5, A978-A978.	0.2	0
4	Distribution and ultrastructural localization of the glucagon-like peptide-1 receptor (GLP-1R) in the rat brain. Brain Structure and Function, 2021, 226, 225-245.	2.3	20
5	A Glial-Neuronal Circuit in the Median Eminence Regulates Thyrotropin-Releasing Hormone-Release via the Endocannabinoid System. IScience, 2020, 23, 100921.	4.1	18
6	Paradigms of Dynamic Control of Thyroid Hormone Signaling. Endocrine Reviews, 2019, 40, 1000-1047.	20.1	162
7	Thyrotropin-Releasing-Hormone-Synthesizing Neurons of the Hypothalamic Paraventricular Nucleus Are Inhibited by Glycinergic Inputs. Thyroid, 2019, 29, 1858-1868.	4.5	5
8	Hepatic Inactivation of the Type 2 Deiodinase Confers Resistance to Alcoholic Liver Steatosis. Alcoholism: Clinical and Experimental Research, 2019, 43, 1376-1383.	2.4	10
9	A Transgenic Mouse Model for Detection of Tissue-Specific Thyroid Hormone Action. Endocrinology, 2018, 159, 1159-1171.	2.8	14
10	The Foxo1-Inducible Transcriptional Repressor Zfp125 Causes Hepatic Steatosis and Hypercholesterolemia. Cell Reports, 2018, 22, 523-534.	6.4	21
11	Type 2 deiodinase polymorphism causes ER stress and hypothyroidism in the brain. Journal of Clinical Investigation, 2018, 129, 230-245.	8.2	75
12	A unique haplotype of RCCX copy number variation: from the clinics of congenital adrenal hyperplasia to evolutionary genetics. European Journal of Human Genetics, 2017, 25, 702-710.	2.8	10
13	Variable proopiomelanocortin expression in tanycytes of the adult rat hypothalamus and pituitary stalk. Journal of Comparative Neurology, 2017, 525, spc1-spc1.	1.6	0
14	Early Developmental Disruption of Type 2 Deiodinase Pathway in Mouse Skeletal Muscle Does Not Impair Muscle Function. Thyroid, 2017, 27, 577-586.	4.5	11
15	Variable proopiomelanocortin expression in tanycytes of the adult rat hypothalamus and pituitary stalk. Journal of Comparative Neurology, 2017, 525, 411-441.	1.6	20
16	Transient hypothyroidism favors oligodendrocyte generation providing functional remyelination in the adult mouse brain. ELife, 2017, 6, .	6.0	58
17	Thyroid hormone activation by typeÂ2 deiodinase mediates exerciseâ€induced peroxisome proliferatorâ€activated receptorâ€Î³ coactivatorâ€1Î± expression in skeletal muscle. Journal of Physiology, 2016, 594, 5255-5269.	2.9	37
18	Chronic Activation of Î³2 AMPK Induces Obesity and Reduces Î² Cell Function. Cell Metabolism, 2016, 23, 821-836.	16.2	87

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19	Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP) Regulates the Hypothalamo-Pituitary-Thyroid (HPT) Axis via Type 2 Deiodinase in Male Mice. Endocrinology, 2016, 157, 2356-2366.	2.8	23
20	Different Types of Luciferase Reporters Show Distinct Susceptibility to T3-Evoked Downregulation. Thyroid, 2016, 26, 179-182.	4.5	3
21	Perinatal deiodinase 2 expression in hepatocytes defines epigenetic susceptibility to liver steatosis and obesity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14018-14023.	7.1	34
22	Scope and limitations of iodothyronine deiodinases in hypothyroidism. Nature Reviews Endocrinology, 2015, 11, 642-652.	9.6	117
23	Endotoxin-induced inflammation down-regulates l-type amino acid transporter 1 (LAT1) expression at the bloodâ€“brain barrier of male rats and mice. Fluids and Barriers of the CNS, 2015, 12, 21.	5.0	31
24	American Thyroid Association Guide to Investigating Thyroid Hormone Economy and Action in Rodent and Cell Models. Thyroid, 2014, 24, 88-168.	4.5	173
25	Minimal requirements for ubiquitination-mediated regulation of thyroid hormone activation. Journal of Molecular Endocrinology, 2014, 53, 217-226.	2.5	9
26	Neuronal Hypoxia Induces Hsp40-Mediated Nuclear Import of Type 3 Deiodinase As an Adaptive Mechanism to Reduce Cellular Metabolism. Journal of Neuroscience, 2012, 32, 8491-8500.	3.6	57
27	A Novel Pathway Regulates Thyroid Hormone Availability in Rat and Human Hypothalamic Neurosecretory Neurons. PLoS ONE, 2012, 7, e37860.	2.5	42
28	Thyroid Hormone and the Neuroglia: Both Source and Target. Journal of Thyroid Research, 2011, 2011, 1-16.	1.3	47
29	Paracrine signaling by glial cellâ€“derived triiodothyronine activates neuronal gene expression in the rodent brain and human cells. Journal of Clinical Investigation, 2010, 120, 2206-2217.	8.2	133
30	The E3 Ubiquitin Ligase TEB4 Mediates Degradation of Type 2 Iodothyronine Deiodinase. Molecular and Cellular Biology, 2009, 29, 5339-5347.	2.3	73
31	Cellular and Molecular Basis of Deiodinase-Regulated Thyroid Hormone Signaling1. Endocrine Reviews, 2008, 29, 898-938.	20.1	714
32	Expression Patterns of WSB-1 and USP-33 Underlie Cell-Specific Posttranslational Control of Type 2 Deiodinase in the Rat Brain. Endocrinology, 2007, 148, 4865-4874.	2.8	30
33	Ubiquitination-Induced Conformational Change within the Deiodinase Dimer Is a Switch Regulating Enzyme Activity. Molecular and Cellular Biology, 2007, 27, 4774-4783.	2.3	96
34	Characterization of the Nuclear Factor-ÎºB Responsiveness of the Human dio2 Gene. Endocrinology, 2006, 147, 4419-4429.	2.8	67
35	Metabolic Instability of Type 2 Deiodinase Is Transferable To Stable Proteins Independently of Subcellular Localization. Journal of Biological Chemistry, 2006, 281, 31538-31543.	3.4	44
36	The Hedgehog-inducible ubiquitin ligase subunit WSB-1 modulates thyroid hormone activation and PTHrP secretion in the developing growth plate. Nature Cell Biology, 2005, 7, 698-705.	10.3	203

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37	Pretranslational Regulation of Type 2 Deiodinase. Thyroid, 2005, 15, 855-864.	4.5	38
38	Lipopolysaccharide Induces Type 2 Iodothyronine Deiodinase in the Mediobasal Hypothalamus: Implications for the Nonthyroidal Illness Syndrome. Endocrinology, 2004, 145, 1649-1655.	2.8	166
39	Ontogenic Redistribution of Type 2 Deiodinase Messenger Ribonucleic Acid in the Brain of Chicken. Endocrinology, 2004, 145, 3619-3625.	2.8	36
40	Deubiquitination of type 2 iodothyronine deiodinase by von Hippelâ€“Lindau proteinâ€“interacting deubiquitinating enzymes regulates thyroid hormone activation. Journal of Clinical Investigation, 2003, 112, 189-196.	8.2	121
41	Biochemistry, Cellular and Molecular Biology, and Physiological Roles of the Iodothyronine Selenodeiodinases. Endocrine Reviews, 2002, 23, 38-89.	20.1	1,516
42	Ubc6p and Ubc7p Are Required for Normal and Substrate-Induced Endoplasmic Reticulum-Associated Degradation of the Human Selenoprotein Type 2 Iodothyronine Monodeiodinase. Molecular Endocrinology, 2002, 16, 1999-2007.	3.7	56
43	The mRNA Structure Has Potent Regulatory Effects on Type 2 Iodothyronine Deiodinase Expression. Molecular Endocrinology, 2002, 16, 1667-1679.	3.7	48
44	Characterization of the 5â€²-Flanking and 5â€²-Untranslated Regions of the Cyclic Adenosine 3â€²,5â€²-Monophosphate-Responsive Human Type 2 Iodothyronine Deiodinase Gene1. Endocrinology, 2000, 141, 229-237.	2.8	101
45	Selective Proteolysis of Human Type 2 Deiodinase: A Novel Ubiquitin-Proteasomal Mediated Mechanism for Regulation of Hormone Activation. Molecular Endocrinology, 2000, 14, 1697-1708.	3.7	140
46	Characterization of the 5'-Flanking and 5'-Untranslated Regions of the Cyclic Adenosine 3',5'-Monophosphate-Responsive Human Type 2 Iodothyronine Deiodinase Gene. Endocrinology, 2000, 141, 229-237.	2.8	38
47	Cloning and Expression of the Chicken Type 2 Iodothyronine 5â€²-Deiodinase. Journal of Biological Chemistry, 1999, 274, 13768-13776.	3.4	70