Jacques Samarut

List of Publications by Year
in descending order

51 papers	4,414 citations	94269 37 h-index	189595 50 g-index
51 all docs	51 docs citations	51 times ranked	3888 citing authors

#	Article	IF	Citations
1	TRÎ± inhibits arterial renin-angiotensin system expression and prevents cholesterol accumulation in vascular smooth muscle cells. Annales D'Endocrinologie, 2019, 80, 89-95.	0.6	7
2	Thyroid Hormone Receptors: Several Players for One Hormone and Multiple Functions. Methods in Molecular Biology, 2018, 1801, 1-8.	0.4	9
3	Increased expression of the thyroid hormone nuclear receptor TRÎ±1 characterizes intestinal tumors with high Wnt activity. Oncotarget, 2018, 9, 30979-30996.	0.8	12
4	The Targeted Inactivation of TRÎ² Gene in Thyroid Follicular Cells Suggests a New Mechanism of Regulation of Thyroid Hormone Production. Endocrinology, 2014, 155, 635-646.	1.4	19
5	TRÎ± Protects Against Atherosclerosis in Male Mice: Identification of a Novel Anti-Inflammatory Property for TRÎ± in Mice. Endocrinology, 2014, 155, 2735-2745.	1.4	36
6	Role of miR-34c microRNA in the late steps of spermatogenesis. Rna, 2010, 16, 720-731.	1.6	239
7	Thyroid Hormone Receptor Î² (TRÎ²) and Liver X Receptor (LXR) Regulate Carbohydrate-response Element-binding Protein (ChREBP) Expression in a Tissue-selective Manner. Journal of Biological Chemistry, 2010, 285, 28156-28163.	1.6	56
8	TRÎ² is the critical thyroid hormone receptor isoform in T3-induced proliferation of hepatocytes and pancreatic acinar cells. Journal of Hepatology, 2010, 53, 686-692.	1.8	60
9	Deafness in TRÎ² Mutants Is Caused by Malformation of the Tectorial Membrane. Journal of Neuroscience, 2009, 29, 2581-2587.	1.7	32
10	The Frizzled-related sFRP2 Gene Is a Target of Thyroid Hormone Receptor Î±1 and Activates Î²-Catenin Signaling in Mouse Intestine. Journal of Biological Chemistry, 2009, 284, 1234-1241.	1.6	101
11	Ectopic expression of Cvh (Chicken Vasa homologue) mediates the reprogramming of chicken embryonic stem cells to a germ cell fate. Developmental Biology, 2009, 330, 73-82.	0.9	62
12	Thyroid hormones and the control of cell proliferation or cell differentiation: Paradox or duality?. Molecular and Cellular Endocrinology, 2009, 313, 36-49.	1.6	91
13	Distinct modulatory roles for thyroid hormone receptors TRÎ± and TRÎ² in SREBP1-activated ABCD2 expression. European Journal of Cell Biology, 2008, 87, 933-945.	1.6	26
14	A Lack of Thyroid Hormones Rather than Excess Thyrotropin Causes Abnormal Skeletal Development in Hypothyroidism. Molecular Endocrinology, 2008, 22, 501-512.	3.7	107
15	The Thyroid Hormone Receptor-Î± (TRÎ±) Gene Encoding TRÎ±1 Controls Deoxyribonucleic Acid Damage-Induced Tissue Repair. Molecular Endocrinology, 2008, 22, 47-55.	3.7	27
16	Mice Lacking the Thyroid Hormone Receptor-Î± Gene Spend More Energy in Thermogenesis, Burn More Fat, and Are Less Sensitive to High-Fat Diet-Induced Obesity. Endocrinology, 2008, 149, 6471-6486.	1.4	65
17	Thyroid Hormones Signaling Is Getting More Complex: STORMs Are Coming. Molecular Endocrinology, 2007, 21, 321-333.	3.7	91
18	A Point Mutation in the Activation Function 2 Domain of Thyroid Hormone Receptor Î±1 Expressed after CRE-Mediated Recombination Partially Recapitulates Hypothyroidism. Molecular Endocrinology, 2007, 21, 2350-2360.	3.7	94

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19	The Oct4 homologue PouV and Nanog regulate pluripotency in chicken embryonic stem cells. Development (Cambridge), 2007, 134, 3549-3563.	1.2	175
20	Behavioral inhibition and impaired spatial learning and memory in hypothyroid mice lacking thyroid hormone receptor Î±. Behavioural Brain Research, 2007, 177, 109-116.	1.2	98
21	Thyroid Hormone Excess Rather Than Thyrotropin Deficiency Induces Osteoporosis in Hyperthyroidism. Molecular Endocrinology, 2007, 21, 1095-1107.	3.7	137
22	Two uniquely arranged thyroid hormone response elements in the far upstream 5â€² flanking region confer direct thyroid hormone regulation to the murine cholesterol 7Î± hydroxylase gene. Nucleic Acids Research, 2006, 34, 3853-3861.	6.5	38
23	Thyroid Hormone Receptor Î±1 Directly Controls Transcription of the Î²-Catenin Gene in Intestinal Epithelial Cells. Molecular and Cellular Biology, 2006, 26, 3204-3214.	1.1	113
24	The Lipoprotein Lipase Inhibitor ANGPTL3 Is Negatively Regulated by Thyroid Hormone. Journal of Biological Chemistry, 2006, 281, 11553-11559.	1.6	60
25	International Union of Pharmacology. LIX. The Pharmacology and Classification of the Nuclear Receptor Superfamily: Thyroid Hormone Receptors. Pharmacological Reviews, 2006, 58, 705-711.	7.1	151
26	Thyroid Hormones Regulate Fibroblast Growth Factor Receptor Signaling during Chondrogenesis. Endocrinology, 2005, 146, 5568-5580.	1.4	75
27	Thyroid hormone T3 acting through the thyroid hormone Î± receptor is necessary for implementation of erythropoiesis in the neonatal spleen environment in the mouse. Development (Cambridge), 2005, 132, 925-934.	1.2	53
28	Temperature Homeostasis in Transgenic Mice Lacking Thyroid Hormone Receptor-Î± Gene Products. Endocrinology, 2005, 146, 2872-2884.	1.4	60
29	Both Thyroid Hormone Receptor (TR)Î²1 and TRÎ²2 Isoforms Contribute to the Regulation of Hypothalamic Thyrotropin-Releasing Hormone. Endocrinology, 2004, 145, 2337-2345.	1.4	57
30	Thyroid hormone receptor Â is a molecular switch of cardiac function between fetal and postnatal life. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10332-10337.	3.3	105
31	Tissues Specific Action of Thyroid Hormones: Insights from Knock out Animal Models. Growth Hormone, 2004, , 13-33.	0.2	2
32	Effects of ligand and thyroid hormone receptor isoforms on hepatic gene expression profiles of thyroid hormone receptor knockout mice. EMBO Reports, 2003, 4, 581-587.	2.0	110
33	Microarray analysis of knockout mice identifies cyclin D2 as a possible mediator for the action of thyroid hormone during the postnatal development of the cerebellum. Developmental Biology, 2003, 254, 188-199.	0.9	61
34	Regulation of expression of thyroid hormone receptor isoforms and coactivators in liver and heart by thyroid hormone. Molecular and Cellular Endocrinology, 2003, 203, 65-75.	1.6	52
35	Thyroid hormone receptors: lessons from knockout and knock-in mutant mice. Trends in Endocrinology and Metabolism, 2003, 14, 85-90.	3.1	286
36	Specificity of thyroid hormone receptor subtype and steroid receptor coactivator-1 on thyroid hormone action. American Journal of Physiology - Endocrinology and Metabolism, 2003, 284, E36-E46.	1.8	38

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37	Thyroid Hormone Activates Fibroblast Growth Factor Receptor-1 in Bone. Molecular Endocrinology, 2003, 17, 1751-1766.	3.7	82
38	Thyroid Hormone Receptor-Specific Interactions with Steroid Receptor Coactivator-1 in the Pituitary. Molecular Endocrinology, 2003, 17, 882-894.	3.7	31
39	Persistence of oligodendrocyte precursor cells and altered myelination in optic nerve associated to retina degeneration in mice devoid of all thyroid hormone receptors. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 2907-2911.	3.3	80
40	Congenital Hypothyroid Pax8â˜'/â˜' Mutant Mice Can Be Rescued by Inactivating the TRÎ± Gene. Molecular Endocrinology, 2002, 16, 24-32.	3.7	154
41	Thyroid hormone and cardiac function in mice deficient in thyroid hormone receptor-Î± or -Î²: an echocardiograph study. American Journal of Physiology - Endocrinology and Metabolism, 2002, 283, E428-E435.	1.8	35
42	Molecular Mechanisms of Thyroid Hormone Effects on Bone Growth and Function. Molecular Genetics and Metabolism, 2002, 75, 17-30.	0.5	107
43	Genetic Analysis Reveals Different Functions for the Products of the Thyroid Hormone Receptor Î± Locus. Molecular and Cellular Biology, 2001, 21, 4748-4760.	1.1	239
44	Functional Interference between Thyroid Hormone Receptor Î± (TRÎ±) and Natural Truncated TRÎ"Î± Isoforms in the Control of Intestine Development. Molecular and Cellular Biology, 2001, 21, 4761-4772.	1.1	127
45	Cardiac Ion Channel Expression and Contractile Function in Mice with Deletion of Thyroid Hormone Receptor Î± or Î²**This work was supported by Grant HL-25022 (to W.H.D.) and by operating grants from the Canadian Medical Research Council and the Heart and Stroke Foundation of Canada (to W.G. and) Tj ETQq1 1 0.784314 rgBT /Ov	1.4	190
46	Effects of T3RÎ±1 and T3RÎ±2 Gene Deletion on T and B Lymphocyte Development. Journal of Immunology, 2000, 164, 152-160.	0.4	68
47	Thyroid hormone receptor knockouts: their contribution to our understanding of thyroid hormone resistance. Current Opinion in Endocrinology, Diabetes and Obesity, 1999, 6, 293.	0.6	6
48	Identification of Transcripts Initiated from an Internal Promoter in the c-erbAÎ± Locus That Encode Inhibitors of Retinoic Acid Receptor-Î± and Triiodothyronine Receptor Activities. Molecular Endocrinology, 1997, 11, 1278-1290.	3.7	142
49	The v-erbA Oncogene. , 1997, , 117-163.		5
50	A 43-kDa Protein Related to c-Erb A Î±1 Is Located in the Mitochondrial Matrix of Rat Liver. Journal of Biological Chemistry, 1995, 270, 16347-16354.	1.6	183
51	A novel mechanism of action for v-ErbA: Abrogation of the inactivation of transcription factor AP-1 by retinoic acid and thyroid hormone receptors. Cell, 1991, 67, 731-740.	13.5	160