Samuel Refetoff

List of Publications by Year in Descending Order

435 papers	20,189 citations	76 h-index	119 g-index
458 ext. papers	22,012 ext. citations	7.4 avg, IF	6.53 L-index

#	Paper	IF	Citations
435	Maintaining the thyroid gland in mutant thyroglobulin-induced hypothyroidism requires thyroid cell proliferation that must continue in adulthood. *Journal of Biological Chemistry*, **2022**, 102066	5.4	0
434	Resistance to Thyroid Hormone Beta: A Focused Review. *Frontiers in Endocrinology*, **2021**, 12, 656551	5.7	7
433	Novel Gene Mutation Acting as Phenotype Modifier for Novel Compound Heterozygous Gene Mutations Causing Congenital Hypothyroidism. *Thyroid*, **2021**, 31, 1589-1591	6.2	
432	Prenatal Treatment of Thyroid Hormone Cell Membrane Transport Defect Caused by Gene Mutation. *Thyroid*, **2021**, 31, 713-720	6.2	6
431	Human Type 1 Iodothyronine Deiodinase () Mutations Cause Abnormal Thyroid Hormone Metabolism. *Thyroid*, **2021**, 31, 202-207	6.2	11
430	Mice Hypomorphic for , a Negative Regulator of the Nrf2 Antioxidant Response, Show Age-Dependent Diffuse Goiter with Elevated Thyrotropin Levels. *Thyroid*, **2021**, 31, 23-35	6.2	5
429	Early Diagnosis and Treatment of an Infant with a Novel Thyroid Hormone Receptor Gene (pC380SfsX9) Mutation. *Thyroid*, **2021**, 31, 1003-1005	6.2	0
428	SWI/SNF Complex Mutations Promote Thyroid Tumor Progression and Insensitivity to Redifferentiation Therapies. *Cancer Discovery*, **2021**, 11, 1158-1175	24.4	16
427	Increased Hepatic Fat Content in Patients with Resistance to Thyroid Hormone Beta. *Thyroid*, **2021**, 31, 1127-1134	6.2	2
426	XB130 Deficiency Causes Congenital Hypothyroidism in Mice due to Disorganized Apical Membrane Structure and Function of Thyrocytes. *Thyroid*, **2021**, 31, 1650-1661	6.2	1
425	Measurement of Reverse Triiodothyronine Level and the Triiodothyronine to Reverse Triiodothyronine Ratio in Dried Blood Spot Samples at Birth May Facilitate Early Detection of Monocarboxylate Transporter 8 Deficiency. *Thyroid*, **2021**, 31, 1316-1321	6.2	2
424	Severe Resistance to Thyroid Hormone Beta in a Patient with Athyreosis.. *Thyroid*, **2021**,	6.2	2
423	Re: "Goiter in Residents of Salta, Argentina: An Artistic Rendition" by Jonklaas (Thyroid 2020:30;34-36. DOI: 10.1089/thy.2019.0639). *Thyroid*, **2020**, 30, 783-784	6.2	
422	OR28-01 Constitutive Activation of NRF2 Antioxidant Response Leads to Age-Dependent Goiter and Compensated Hypothyroidism in Male Mice. *Journal of the Endocrine Society*, **2020**, 4,	0.4	78
421	Class III PI3K Vps34 Controls Thyroid Hormone Production by Regulating Thyroglobulin Iodination, Lysosomal Proteolysis, and Tissue Homeostasis. *Thyroid*, **2020**, 30, 133-146	6.2	2
420	Nonautoimmune Hyperthyroidism Caused by a Somatic Mosaic Mutation Involving Part of the Thyroid Gland. *Thyroid*, **2020**, 30, 640-642	6.2	
419	Sorting Variants of Unknown Significance Identified by Whole Exome Sequencing: Genetic and Laboratory Investigations of Two Novel Variants. *Thyroid*, **2020**, 30, 463-465	6.2	3

418	Insertion of an Alu Element in Thyroglobulin Gene as a Novel Cause of Congenital Hypothyroidism. *Thyroid*, **2020**, 30, 780-782	6.2	4
417	Free Thyroxine Concentrations in Sera of Individuals with Familial Dysalbuminemic Hyperthyroxinemia: A Comparison of Three Methods of Measurement. *Thyroid*, **2020**, 30, 37-41	6.2	4
416	Increased Prevalence of TG and TPO Mutations in Sudanese Children With Congenital Hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2020**, 105,	5.6	7
415	Intranasal delivery of Thyroid hormones in MCT8 deficiency. *PLoS ONE*, **2020**, 15, e0236113	3.7	3
414	Clinical recognition and evaluation of patients with inherited serum thyroid hormone-binding protein mutations. *Journal of Endocrinological Investigation*, **2020**, 43, 31-41	5.2	11
413	Very Severe Resistance to Thyroid Hormone In One of Three Affected Members of a Family with a Novel Mutation in the Gene. *Thyroid*, **2019**, 29, 1518-1520	6.2	3
412	Increased Anaplastic Lymphoma Kinase Activity Induces a Poorly Differentiated Thyroid Carcinoma in Mice. *Thyroid*, **2019**, 29, 1438-1446	6.2	4
411	Reduced Sensitivity to Thyroid Hormone as a Transgenerational Epigenetic Marker Transmitted Along the Human Male Line. *Thyroid*, **2019**, 29, 778-782	6.2	14
410	Interconnection between circadian clocks and thyroid function. *Nature Reviews Endocrinology*, **2019**, 15, 590-600	15.2	51
409	A Liver-Specific Thyromimetic, VK2809, Decreases Hepatosteatosis in Glycogen Storage Disease Type Ia. *Thyroid*, **2019**, 29, 1158-1167	6.2	16
408	A Novel G385E Variant in the Cold Region of the T3-Binding Domain of Thyroid Hormone Receptor Beta Gene and Investigations to Assess Its Clinical Significance. *European Thyroid Journal*, **2019**, 8, 293-297	4.2	2
407	Intracerebroventricular administration of the thyroid hormone analog TRIAC increases its brain content in the absence of MCT8. *PLoS ONE*, **2019**, 14, e0226017	3.7	4
406	Central Congenital Hypothyroidism Caused by a Novel Mutation, C47W, in the Cysteine Knot Region of TSH *Hormone Research in Paediatrics*, **2019**, 92, 390-394	3.3	
405	Thyroid Hormone Resistance Syndromes **2019**, 741-749		1
404	Congenital Hypothyroidism due to Oligogenic Mutations in Two Sudanese Families. *Thyroid*, **2019**, 29, 302-304	6.2	16
403	Homozygous Mutation in Human Serum Albumin and Its Implication on Thyroid Tests. *Thyroid*, **2018**, 28, 811-814	6.2	2
402	Oncogene-induced senescence and its evasion in a mouse model of thyroid neoplasia. *Molecular and Cellular Endocrinology*, **2018**, 460, 24-35	4.4	7
401	Novel Mutations in the NKX2.1 gene and the PAX8 gene in a Boy with Brain-Lung-Thyroid Syndrome. *Experimental and Clinical Endocrinology and Diabetes*, **2018**, 126, 85-90	2.3	7

400	NFE2-Related Transcription Factor 2 Coordinates Antioxidant Defense with Thyroglobulin Production and Iodination in the Thyroid Gland. *Thyroid*, **2018**, 28, 780-798	6.2	19
399	A novel mutation in the TG gene (G2322S) causing congenital hypothyroidism in a Sudanese family: a case report. *BMC Medical Genetics*, **2018**, 19, 69	2.1	11
398	Human Genetics of Thyroid Hormone Receptor Beta: Resistance to Thyroid Hormone Beta (RTHβ). *Methods in Molecular Biology*, **2018**, 1801, 225-240	1.4	18
397	Homozygous loss-of-function mutations in SLC26A7 cause goitrous congenital hypothyroidism. *JCI Insight*, **2018**, 3,	9.9	25
396	Modeling Psychomotor Retardation using iPSCs from MCT8-Deficient Patients Indicates a Prominent Role for the Blood-Brain Barrier. *Cell Stem Cell*, **2017**, 20, 831-843.e5	18	130
395	Thyroid Hormone Signaling Pathways: Time for a More Precise Nomenclature. *Endocrinology*, **2017**, 158, 2052-2057	4.8	88
394	Diagnostic Dilemma in Discordant Thyroid Function Tests Due to Thyroid Hormone Autoantibodies. *AACE Clinical Case Reports*, **2017**, 3, e22-e25	0.7	10
393	Changes in Hepatic TRβ Protein Expression, Lipogenic Gene Expression, and Long-Chain Acylcarnitine Levels During Chronic Hyperthyroidism and Triiodothyronine Withdrawal in a Mouse Model. *Thyroid*, **2017**, 27, 852-860	6.2	5
392	Fetal Exposure to High Maternal Thyroid Hormone Levels Causes Central Resistance to Thyroid Hormone in Adult Humans and Mice. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 3234-3240	5.6	18
391	An Essential Physiological Role for MCT8 in Bone in Male Mice. *Endocrinology*, **2017**, 158, 3055-3066	4.8	11
390	Resistance to thyrotropin. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2017**, 31, 183-194	6.5	22
389	A Novel Mutation in the TBG Gene Producing Partial Thyroxine-Binding Globulin Deficiency (Glencoe) Identified in 2 Families. *European Thyroid Journal*, **2017**, 6, 138-142	4.2	5
388	GLIS3 is indispensable for TSH/TSHR-dependent thyroid hormone biosynthesis and follicular cell proliferation. *Journal of Clinical Investigation*, **2017**, 127, 4326-4337	15.9	35
387	Prenatal Diagnosis of Resistance to Thyroid Hormone and Its Clinical Implications. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 3775-3782	5.6	19
386	Noncanonical thyroid hormone signaling mediates cardiometabolic effects in vivo. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, E11323-E11332	11.5	53
385	DUOX2 Gene Mutation Manifesting as Resistance to Thyrotropin Phenotype. *Thyroid*, **2017**, 27, 129-131	6.2	17
384	TRH Action Is Impaired in Pituitaries of Male IGSF1-Deficient Mice. *Endocrinology*, **2017**, 158, 815-830	4.8	26
383	INSUFFICIENCY OF LEVOTHYROXINE THERAPY IN AUTOIMMUNE HYPOTHYROIDISM: EFFECT OF GLUCOCORTICOID ADMINISTRATION. *Acta Endocrinologica*, **2017**, 13, 515-518	0.9	0

382	Thyroid Function Testing **2016**, 1350-1398.e11		2
381	Overexpression of Interleukin-4 in the Thyroid of Transgenic Mice Upregulates the Expression of Duox1 and the Anion Transporter Pendrin. *Thyroid*, **2016**, 26, 1499-1512	6.2	12
380	Adeno Associated Virus 9-Based Gene Therapy Delivers a Functional Monocarboxylate Transporter 8, Improving Thyroid Hormone Availability to the Brain of Mct8-Deficient Mice. *Thyroid*, **2016**, 26, 1311-9	6.2	23
379	A Novel Thyroid Hormone Receptor Beta Gene Mutation (G251V) in a Thai Patient with Resistance to Thyroid Hormone Coexisting with Pituitary Incidentaloma. *Thyroid*, **2016**, 26, 1804-1806	6.2	11
378	A Novel Mutation (S54C) of the PAX8 Gene in a Family with Congenital Hypothyroidism and a High Proportion of Affected Individuals. *Hormone Research in Paediatrics*, **2016**, 86, 137-142	3.3	7
377	Hematopoietic Stem Cells Transplantation Can Normalize Thyroid Function in a Cystinosis Mouse Model. *Endocrinology*, **2016**, 157, 1363-71	4.8	24
376	Aberrant Cerebellar Development in Mice Lacking Dual Oxidase Maturation Factors. *Thyroid*, **2016**, 26, 741-52	6.2	14
375	Thyroid follicle development requires Smad1/Smad5- and endothelial-dependent basement membrane assembly. *Journal of Cell Science*, **2016**, 129, e1.1-e1.1	5.3	1
374	Congenital Defects of Thyroid Hormone Synthesis **2016**, 117-125		1
373	Syndromes of Impaired Sensitivity to Thyroid Hormone **2016**, 137-151		1
372	A new TR mutation in resistance to thyroid hormone syndrome. *Hormones*, **2016**, 15, 534-539	3.1	4
371	Diiodothyropropionic acid (DITPA) cross-reacts with thyroid function assays on different immunoassay platforms. *Clinica Chimica Acta*, **2016**, 453, 203-4	6.2	0
370	Desensitization and Incomplete Recovery of Hepatic Target Genes After Chronic Thyroid Hormone Treatment and Withdrawal in Male Adult Mice. *Endocrinology*, **2016**, 157, 1660-72	4.8	23
369	Thyroid follicle development requires Smad1/5- and endothelial cell-dependent basement membrane assembly. *Development (Cambridge)*, **2016**, 143, 1958-70	6.6	27
368	Long-term outcome of loss-of-function mutations in thyrotropin receptor gene. *Thyroid*, **2015**, 25, 292-9	6.2	23
367	A mouse model suggests two mechanisms for thyroid alterations in infantile cystinosis: decreased thyroglobulin synthesis due to endoplasmic reticulum stress/unfolded protein response and impaired lysosomal processing. *Endocrinology*, **2015**, 156, 2349-64	4.8	28
366	A TSH Variant with Impaired Immunoreactivity but Intact Biological Activity and Its Clinical Implications. *Thyroid*, **2015**, 25, 869-76	6.2	12
365	The Thyroid Hormone Analog DITPA Ameliorates Metabolic Parameters of Male Mice With Mct8 Deficiency. *Endocrinology*, **2015**, 156, 3889-94	4.8	21

364	Inherited defects of thyroxine-binding proteins. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2015**, 29, 735-47	6.5	69
363	Familial dysalbuminemic hyperthyroxinemia in a 4-year-old girl with hyperactivity, palpitations and advanced dental age: how gold standard assays may be misleading. *Journal of Pediatric Endocrinology and Metabolism*, **2015**, 28, 241-5	1.6	6
362	A novel mechanism of inherited TBG deficiency: mutation in a liver-specific enhancer. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E173-81	5.6	10
361	Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport, and metabolism. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 768-70	5.6	44
360	Obatoclax overcomes resistance to cell death in aggressive thyroid carcinomas by countering Bcl2a1 and Mcl1 overexpression. *Endocrine-Related Cancer*, **2014**, 21, 755-67	5.7	24
359	A novel mutation in the Albumin gene (R218S) causing familial dysalbuminemic hyperthyroxinemia in a family of Bangladeshi extraction. *Thyroid*, **2014**, 24, 945-50	6.2	22
358	Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport, and metabolism. *Thyroid*, **2014**, 24, 407-9	6.2	37
357	Classification and proposed nomenclature for inherited defects of thyroid hormone action, cell transport, and metabolism. *European Thyroid Journal*, **2014**, 3, 7-9	4.2	27
356	Placenta passage of the thyroid hormone analog DITPA to male wild-type and Mct8-deficient mice. *Endocrinology*, **2014**, 155, 4088-93	4.8	17
355	Tissue-specific posttranslational modification allows functional targeting of thyrotropin. *Cell Reports*, **2014**, 9, 801-10	10.6	67
354	Mutations of the thyroid hormone transporter MCT8 cause prenatal brain damage and persistent hypomyelination. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, E2799-804	5.6	83
353	American Thyroid Association Guide to investigating thyroid hormone economy and action in rodent and cell models. *Thyroid*, **2014**, 24, 88-168	6.2	111
352	A new family with an activating mutation (G431S) in the TSH receptor gene: a phenotype discussion and review of the literature. *International Journal of Pediatric Endocrinology (Springer)*, **2014**, 2014, 23	1.5	4
351	Incidental identification of a thyroid hormone receptor beta (THRB) gene variant in a family with autoimmune thyroid disease. *Thyroid*, **2013**, 23, 1638-43	6.2	8
350	The syndromes of reduced sensitivity to thyroid hormone. *Biochimica Et Biophysica Acta - General Subjects*, **2013**, 1830, 3987-4003	4	148
349	Management of differentiated thyroid cancer in the presence of resistance to thyroid hormone and TSH-secreting adenomas: a report of four cases and review of the literature. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 2210-7	5.6	29
348	Changes in thyroid status during perinatal development of MCT8-deficient male mice. *Endocrinology*, **2013**, 154, 2533-41	4.8	56
347	Mct8-deficient mice have increased energy expenditure and reduced fat mass that is abrogated by normalization of serum T3 levels. *Endocrinology*, **2013**, 154, 4885-95	4.8	30

346	Coexistence of THRB and TBG gene mutations in a Turkish family. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, E1148-51	5.6	4
345	Inherited defects of thyroid hormone-cell-membrane transport: review of recent findings. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2013**, 20, 434-40	4	27
344	Two cases of thyroid dysgenesis caused by different novel PAX8 mutations in the DNA-binding region: in vitro studies reveal different pathogenic mechanisms. *Thyroid*, **2013**, 23, 791-6	6.2	28
343	A clinically euthyroid child with a large goiter due to a thyroglobulin gene defect: clinical features and genetic studies. *Journal of Pediatric Endocrinology and Metabolism*, **2013**, 26, 119-23	1.6	9
342	Increased oxidative metabolism and neurotransmitter cycling in the brain of mice lacking the thyroid hormone transporter SLC16A2 (MCT8). *PLoS ONE*, **2013**, 8, e74621	3.7	12
341	Generation of functional thyroid from embryonic stem cells. *Nature*, **2012**, 491, 66-71	50.4	225
340	Mice deficient in dual oxidase maturation factors are severely hypothyroid. *Molecular Endocrinology* , **2012**, 26, 481-92		64
339	Homozygous thyroid hormone receptor β gene mutations in resistance to thyroid hormone: three new cases and review of the literature. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 1328-36	5.6	80
338	Diiodothyropropionic acid (DITPA) in the treatment of MCT8 deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 4515-23	5.6	89
337	Consecutive mutational events in a TSHR allele of Arab families with resistance to thyroid stimulating hormone. *Thyroid*, **2012**, 22, 252-7	6.2	1
336	Thyroid regeneration: characterization of clear cells after partial thyroidectomy. *Endocrinology*, **2012**, 153, 2514-25	4.8	29
335	Disruption of the melanin-concentrating hormone receptor 1 (MCH1R) affects thyroid function. *Endocrinology*, **2012**, 153, 6145-54	4.8	4
334	Transsphenoidal surgery for Cushing disease: experience with 136 patients. *Neurosurgery*, **2012**, 70, 70-80; discussion 80-1	3.2	92
333	Inherited defects of thyroid hormone metabolism. *Annales D'Endocrinologie*, **2011**, 72, 95-8	1.7	20
332	Small-molecule MAPK inhibitors restore radioiodine incorporation in mouse thyroid cancers with conditional BRAF activation. *Journal of Clinical Investigation*, **2011**, 121, 4700-11	15.9	232
331	Genetic causes of congenital hypothyroidism due to dyshormonogenesis. *Current Opinion in Pediatrics*, **2011**, 23, 421-8	3.2	128
330	Mutations in the NKX2.5 gene and the PAX8 promoter in a girl with thyroid dysgenesis. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E977-81	5.6	32
329	The coexistence of a novel inactivating mutant thyrotropin receptor allele with two thyroid peroxidase mutations: a genotype-phenotype correlation. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E1001-6	5.6	21

328	Thyroid hormone receptor β and regulation of type 3 deiodinase. *Molecular Endocrinology*, **2011**, 25, 575-83		53
327	Distinct roles of deiodinases on the phenotype of Mct8 defect: a comparison of eight different mouse genotypes. *Endocrinology*, **2011**, 152, 1180-91	4.8	62
326	Thyrotrophin receptor signaling dependence of Braf-induced thyroid tumor initiation in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 1615-20	11.5	149
325	Stanniocalcin 1 induction by thyroid hormone depends on thyroid hormone receptor β and phosphatidylinositol 3-kinase activation. *Experimental and Clinical Endocrinology and Diabetes*, **2011** , 119, 81-5	2.3	9
324	Thyroid hormones and their receptors: from development to disease. *Journal of Thyroid Research*, **2011**, 2011, 284737	2.6	3
323	Role of type 2 deiodinase in response to acute lung injury (ALI) in mice. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, E1321-9	11.5	32
322	A single copy of the recently identified dual oxidase maturation factor (DUOXA) 1 gene produces only mild transient hypothyroidism in a patient with a novel biallelic DUOXA2 mutation and monoallelic DUOXA1 deletion. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E841-5	5.6	42
321	Thyrocyte-specific inactivation of p53 and Pten results in anaplastic thyroid carcinomas faithfully recapitulating human tumors. *Oncotarget*, **2011**, 2, 1109-26	3.3	66
320	Cross-talk between PI3K and estrogen in the mouse thyroid predisposes to the development of follicular carcinomas with a higher incidence in females. *Oncogene*, **2010**, 29, 5678-86	9.2	45
319	Syndromes of Reduced Sensitivity to Thyroid Hormone **2010**, 105-330		1
318	Approach to the patient with resistance to thyroid hormone and pregnancy. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3094-102	5.6	47
317	Thyroid hormone-regulated mouse cerebral cortex genes are differentially dependent on the source of the hormone: a study in monocarboxylate transporter-8- and deiodinase-2-deficient mice. *Endocrinology*, **2010**, 151, 2381-7	4.8	88
316	The syndrome of inherited partial SBP2 deficiency in humans. *Antioxidants and Redox Signaling*, **2010**, 12, 905-20	8.4	36
315	Congenital Defects of Thyroid Hormone Synthesis **2010**, 87-327		2
314	Autoimmunity in patients with resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3189-93	5.6	49
313	White matter abnormalities and dystonic motor disorder associated with mutations in the SLC16A2 gene. *Developmental Medicine and Child Neurology*, **2010**, 52, 475-82	3.3	43
312	Mice deficient in MCT8 reveal a mechanism regulating thyroid hormone secretion. *Journal of Clinical Investigation*, **2010**, 120, 3377-88	15.9	126
311	Distinct and histone-specific modifications mediate positive versus negative transcriptional regulation of TSHalpha promoter. *PLoS ONE*, **2010**, 5, e9853	3.7	25

310	Thyroid Function Testing **2010**, 1444-1492		1
309	Syndromes of Resistance to Thyroid Hormone **2009**, 299-315		1
308	A somatic gain-of-function mutation in the thyrotropin receptor gene producing a toxic adenoma in an infant. *Thyroid*, **2009**, 19, 187-91	6.2	7
307	Comparison of thyroidectomized calf serum and stripped serum for the study of thyroid hormone action in human skin fibroblasts in vitro. *Thyroid*, **2009**, 19, 639-44	6.2	6
306	Selenium supplementation fails to correct the selenoprotein synthesis defect in subjects with SBP2 gene mutations. *Thyroid*, **2009**, 19, 277-81	6.2	60
305	Importance of monocarboxylate transporter 8 for the blood-brain barrier-dependent availability of 3,5,3Ǫtriiodo-L-thyronine. *Endocrinology*, **2009**, 150, 2491-6	4.8	121
304	In vivo interaction of steroid receptor coactivator (SRC)-1 and the activation function-2 domain of the thyroid hormone receptor (TR) beta in TRbeta E457A knock-in and SRC-1 knockout mice. *Endocrinology*, **2009**, 150, 3927-34	4.8	23
303	Loss-of-function mutations in the thyrotropin receptor gene as a major determinant of hyperthyrotropinemia in a consanguineous community. *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 1706-12	5.6	34
302	A thyroid hormone analog with reduced dependence on the monocarboxylate transporter 8 for tissue transport. *Endocrinology*, **2009**, 150, 4450-8	4.8	82
301	Clinical and molecular characterization of a novel selenocysteine insertion sequence-binding protein 2 (SBP2) gene mutation (R128X). *Journal of Clinical Endocrinology and Metabolism*, **2009**, 94, 4003-9	5.6	82
300	Thyroid hormone receptor beta gene mutation (P453A) in a family producing resistance to thyroid hormone. *Experimental and Clinical Endocrinology and Diabetes*, **2009**, 117, 34-7	2.3	5
299	Oncogenic Kras requires simultaneous PI3K signaling to induce ERK activation and transform thyroid epithelial cells in vivo. *Cancer Research*, **2009**, 69, 3689-94	10.1	98
298	Cell Transport Defects **2009**, 317-323		
297	A lack of thyroid hormones rather than excess thyrotropin causes abnormal skeletal development in hypothyroidism. *Molecular Endocrinology*, **2008**, 22, 501-12		94
296	Congenital neonatal hyperthyroidism caused by germline mutations in the TSH receptor gene. *Journal of Pediatric Endocrinology and Metabolism*, **2008**, 21, 479-86	1.6	25
295	Biallelic inactivation of the dual oxidase maturation factor 2 (DUOXA2) gene as a novel cause of congenital hypothyroidism. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 605-10	5.6	142
294	A novel monocarboxylate transporter 8 gene mutation as a cause of severe neonatal hypotonia and developmental delay. *Pediatrics*, **2008**, 121, e199-202	7.4	42
293	Pendred syndrome in two Galician families: insights into clinical phenotypes through cellular, genetic, and molecular studies. *Journal of Clinical Endocrinology and Metabolism*, **2008**, 93, 267-77	5.6	27

292	Syndromes of reduced sensitivity to thyroid hormone: genetic defects in hormone receptors, cell transporters and deiodination. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2007**, 21, 277-305	6.5	210
291	Clinical and genetic characteristics of congenital hypothyroidism due to mutations in the thyroid peroxidase (TPO) gene in Israelis. *Clinical Endocrinology*, **2007**, 66, 695-702	3.4	28
290	Novel biological and clinical aspects of thyroid hormone metabolism. *Endocrine Development*, **2007**, 10, 127-139		15
289	Missense mutations of dual oxidase 2 (DUOX2) implicated in congenital hypothyroidism have impaired trafficking in cells reconstituted with DUOX2 maturation factor. *Molecular Endocrinology*, **2007**, 21, 1408-21		79
288	A familial thyrotropin (TSH) receptor mutation provides in vivo evidence that the inositol phosphates/Ca2+ cascade mediates TSH action on thyroid hormone synthesis. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 2816-20	5.6	82
287	Type 3 deiodinase deficiency results in functional abnormalities at multiple levels of the thyroid axis. *Endocrinology*, **2007**, 148, 5680-7	4.8	76
286	Pituitary-thyroid setpoint and thyrotropin receptor expression in consomic rats. *Endocrinology*, **2007**, 148, 4727-33	4.8	13
285	Effects of maternal levels of thyroid hormone (TH) on the hypothalamus-pituitary-thyroid set point: studies in TH receptor beta knockout mice. *Endocrinology*, **2007**, 148, 5305-12	4.8	18
284	TBG deficiency: description of two novel mutations associated with complete TBG deficiency and review of the literature. *Journal of Molecular Medicine*, **2006**, 84, 864-71	5.5	19
283	Unique regulation of thyroid hormone metabolism during fasting in the house musk shrew (Suncus murinus, Insectivora: Soricidae). *General and Comparative Endocrinology*, **2006**, 146, 236-41	3	7
282	A novel thyroid hormone receptor-beta mutation that fails to bind nuclear receptor corepressor in a patient as an apparent cause of severe, predominantly pituitary resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 1887-95	5.6	35
281	Repulsive separation of the cytoplasmic ends of transmembrane helices 3 and 6 is linked to receptor activation in a novel thyrotropin receptor mutant (M626I). *Molecular Endocrinology*, **2006**, 20, 893-903		35
280	Tissue-specific thyroid hormone deprivation and excess in monocarboxylate transporter (mct) 8-deficient mice. *Endocrinology*, **2006**, 147, 4036-43	4.8	255
279	Mosaicism of a thyroid hormone receptor-beta gene mutation in resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 3471-7	5.6	33
278	Defective thyroglobulin storage in LDL receptor-associated protein-deficient mice. *American Journal of Physiology - Cell Physiology*, **2006**, 290, C1160-7	5.4	10
277	Identification of a functional polymorphism of the human type 5 17beta-hydroxysteroid dehydrogenase gene associated with polycystic ovary syndrome. *Journal of Clinical Endocrinology and Metabolism*, **2006**, 91, 270-6	5.6	54
276	Identification of the maturation factor for dual oxidase. Evolution of an eukaryotic operon equivalent. *Journal of Biological Chemistry*, **2006**, 281, 18269-72	5.4	246
275	Dominant role of thyrotropin-releasing hormone in the hypothalamic-pituitary-thyroid axis. *Journal of Biological Chemistry*, **2006**, 281, 5000-7	5.4	70

274	International Union of Pharmacology. LIX. The pharmacology and classification of the nuclear receptor superfamily: thyroid hormone receptors. *Pharmacological Reviews*, **2006**, 58, 705-11	22.5	137
273	Thyroid hormone mediated changes in gene expression can be initiated by cytosolic action of the thyroid hormone receptor beta through the phosphatidylinositol 3-kinase pathway. *Nuclear Receptor Signaling*, **2006**, 4, e020	1	94
272	Thyroid transcription factor 1 rescues PAX8/p300 synergism impaired by a natural PAX8 paired domain mutation with dominant negative activity. *Molecular Endocrinology*, **2005**, 19, 1779-91		64
271	Resistance to thyroid hormone associated with autoimmune thyroid disease in a Turkish family. *Journal of Endocrinological Investigation*, **2005**, 28, 379-83	5.2	23
270	Thyroid hormone induces rapid activation of Akt/protein kinase B-mammalian target of rapamycin-p70S6K cascade through phosphatidylinositol 3-kinase in human fibroblasts. *Molecular Endocrinology*, **2005**, 19, 102-12		197
269	Mutations in SECISBP2 result in abnormal thyroid hormone metabolism. *Nature Genetics*, **2005**, 37, 1247-52	32.3	308
268	Tissue responses to thyroid hormone in a kindred with resistance to thyroid hormone harboring a commonly occurring mutation in the thyroid hormone receptor beta gene (P453T). *Translational Research*, **2005**, 146, 85-94		12
267	X-linked paroxysmal dyskinesia and severe global retardation caused by defective MCT8 gene. *Journal of Neurology*, **2005**, 252, 663-6	5.5	82
266	Identification of a locus for nongoitrous congenital hypothyroidism on chromosome 15q25.3-26.1. *Human Genetics*, **2005**, 118, 348-55	6.3	16
265	A case of Resistance to Thyroid Hormone without mutation in the thyroid hormone receptor beta. *Irish Journal of Medical Science*, **2005**, 174, 60-4	1.9	2
264	A de novo mutation in an already mutant nucleotide of the thyroid hormone receptor beta gene perpetuates resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 1760-7	5.6	16
263	Cytosolic action of thyroid hormone leads to induction of hypoxia-inducible factor-1alpha and glycolytic genes. *Molecular Endocrinology*, **2005**, 19, 2955-63		107
262	Autosomal dominant resistance to thyrotropin as a distinct entity in five multigenerational kindreds: clinical characterization and exclusion of candidate loci. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 4025-34	5.6	23
261	Thyroid hormone responsive genes in cultured human fibroblasts. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 936-43	5.6	64
260	Resistance to thyroid hormone in a patient with thyroid dysgenesis. *Thyroid*, **2005**, 15, 730-3	6.2	7
259	Targeted expression of BRAFV600E in thyroid cells of transgenic mice results in papillary thyroid cancers that undergo dedifferentiation. *Cancer Research*, **2005**, 65, 4238-45	10.1	310
258	Negative regulation by thyroid hormone receptor requires an intact coactivator-binding surface. *Journal of Clinical Investigation*, **2005**, 115, 2517-23	15.9	52
257	Delineation of the discontinuous-conformational epitope of a monoclonal antibody displaying full in vitro and in vivo thyrotropin activity. *Molecular Endocrinology*, **2004**, 18, 3020-34		64

256	Partial deficiency of thyroxine-binding globulin-Allentown is due to a mutation in the signal peptide. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 2477-83	5.6	11
255	Fetal loss associated with excess thyroid hormone exposure. *JAMA - Journal of the American Medical Association*, **2004**, 292, 691-5	27.4	192
254	Multiple endocrine neoplasia 2A syndrome presenting as peripartum cardiomyopathy due to catecholamine excess. *European Journal of Endocrinology*, **2004**, 151, 771-7	6.5	26
253	Four new cases of congenital secondary hypothyroidism due to a splice site mutation in the thyrotropin-beta gene: phenotypic variability and founder effect. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 4136-41	5.6	26
252	Analysis of the PAX8 gene in congenital hypothyroidism caused by different forms of thyroid dysgenesis in a father and daughter. *Journal of Pediatric Endocrinology and Metabolism*, **2004**, 17, 1021-9	1.6	1
251	Genomic organization of mouse ZAKI-4 gene that encodes ZAKI-4 alpha and beta isoforms, endogenous calcineurin inhibitors, and changes in the expression of these isoforms by thyroid hormone in adult mouse brain and heart. *European Journal of Endocrinology*, **2004**, 150, 371-80	6.5	12
250	Regression of a large goiter in a patient with resistance to thyroid hormone by every other day treatment with triiodothyronine. *Thyroid*, **2004**, 14, 71-4	6.2	34
249	A novel splice variant involving the 5Quntranslated region of thyroid hormone receptor beta1 (TRbeta1). *Journal of Endocrinological Investigation*, **2004**, 27, 318-22	5.2	4
248	Familial juvenile autoimmune hypothyroidism, pituitary enlargement, obesity, and insulin resistance. *Thyroid*, **2004**, 14, 311-9	6.2	6
247	A novel syndrome combining thyroid and neurological abnormalities is associated with mutations in a monocarboxylate transporter gene. *American Journal of Human Genetics*, **2004**, 74, 168-75	11	524
246	Resistance to Thyroid Hormone in the Absence of Mutations in the Thyroid Hormone Receptor Genes. *Growth Hormone*, **2004**, 89-107		1
245	The pathogenic role of anti-thyroglobulin antibody on pregnancy: evidence from an active immunization model in mice. *Human Reproduction*, **2003**, 18, 1094-9	5.7	68
244	Hypothyroidism in thyroid transcription factor 1 haploinsufficiency is caused by reduced expression of the thyroid-stimulating hormone receptor. *Molecular Endocrinology*, **2003**, 17, 2295-302		51
243	Congenital hypothyroidism due to a new deletion in the sodium/iodide symporter protein. *Clinical Endocrinology*, **2003**, 59, 500-6	3.4	19
242	Partial thyroxine-binding globulin (TBG) deficiency in a family with no detectable mutation of the TBG gene. *Clinical Endocrinology*, **2003**, 59, 824-5	3.4	1
241	Effects of ligand and thyroid hormone receptor isoforms on hepatic gene expression profiles of thyroid hormone receptor knockout mice. *EMBO Reports*, **2003**, 4, 581-7	6.5	96
240	Resistance to thyrotropin. *Journal of Endocrinological Investigation*, **2003**, 26, 770-9	5.2	53
239	The effect of short-term treatment with recombinant human thyroid-stimulating hormones on leydig cell function in men. *Thyroid*, **2003**, 13, 649-52	6.2	1

238	A new case of resistance to thyroid hormone caused by a de novo P453T mutation in the thyroid hormone receptor gene in an Israeli child. *Thyroid*, **2003**, 13, 409-12	6.2	3
237	Preferential megalin-mediated transcytosis of low-hormonogenic thyroglobulin: a control mechanism for thyroid hormone release. *Proceedings of the National Academy of Sciences of the United States of America*, **2003**, 100, 14858-63	11.5	43
236	Thyroid hormone action in the absence of thyroid hormone receptor DNA-binding in vivo. *Journal of Clinical Investigation*, **2003**, 112, 588-97	15.9	87
235	Thyroid Hormone Transport Proteins: Thyroxine-Binding Globulin, Transthyretin, and Albumin **2003**, 483-490		1
234	The syndrome of resistance to thyroid stimulating hormone. *Journal of the Chinese Medical Association*, **2003**, 66, 441-52	2.8	5
233	RXR receptor agonist suppression of thyroid function: central effects in the absence of thyroid hormone receptor. *American Journal of Physiology - Endocrinology and Metabolism*, **2002**, 283, E326-31	6	24
232	Type 1 iodothyronine deiodinase in the house musk shrew (Suncus murinus, Insectivora: Soricidae): cloning and characterization of complementary DNA, unique tissue distribution and regulation by T(3). *General and Comparative Endocrinology*, **2002**, 127, 48-58	3	5
231	Complete thyroxine-binding globulin (TBG) deficiency in two families without mutations in coding or promoter regions of the TBG genes: in vitro demonstration of exon skipping. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 1045-51	5.6	20
230	Steroid receptor coactivator-1 deficiency causes variable alterations in the modulation of T(3)-regulated transcription of genes in vivo. *Endocrinology*, **2002**, 143, 1346-52	4.8	47
229	Congenital secondary hypothyroidism caused by exon skipping due to a homozygous donor splice site mutation in the TSHbeta-subunit gene. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 336-9	5.6	40
228	Characterization of T(4)-binding globulin cleaved by human leukocyte elastase. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 1217-22	5.6	26
227	Thyroid function and effect of aging in combined hetero/homozygous mice deficient in thyroid hormone receptors alpha and beta genes. *Journal of Endocrinology*, **2002**, 172, 177-85	4.7	25
226	Characterization and primary structures of bovine and porcine thyroxine-binding globulin. *Molecular and Cellular Endocrinology*, **2002**, 186, 27-35	4.4	10
225	Partial deficiency of Thyroid transcription factor 1 produces predominantly neurological defects in humans and mice. *Journal of Clinical Investigation*, **2002**, 109, 469-473	15.9	129
224	Congenital Secondary Hypothyroidism Caused by Exon Skipping due to a Homozygous Donor Splice Site Mutation in the TSH□Subunit Gene. *Journal of Clinical Endocrinology and Metabolism*, **2002**, 87, 336-339	5.6	29
223	Partial deficiency of thyroid transcription factor 1 produces predominantly neurological defects in humans and mice. *Journal of Clinical Investigation*, **2002**, 109, 469-73	15.9	60
222	Increased sensitivity to thyroid hormone in mice with complete deficiency of thyroid hormone receptor alpha. *Proceedings of the National Academy of Sciences of the United States of America*, **2001**, 98, 349-54	11.5	48
221	Genetic analysis reveals different functions for the products of the thyroid hormone receptor alpha locus. *Molecular and Cellular Biology*, **2001**, 21, 4748-60	4.8	215

220	Autoantibodies from patients with autoimmune thyroid disease do not interfere with the activity of the human iodide symporter gene stably transfected in CHO cells. *European Journal of Endocrinology*, **2001**, 144, 611-8	6.5	25
219	Aberrant alternative splicing of thyroid hormone receptor in a TSH-secreting pituitary tumor is a mechanism for hormone resistance. *Molecular Endocrinology*, **2001**, 15, 1529-38		83
218	Resistance to thyroid hormone does not abrogate the transient thyrotoxicosis associated with gestation: report of a case. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 4273-5	5.6	12
217	Low TSH requirement and goiter in transgenic mice overexpressing IGF-I and IGF-Ir receptor in the thyroid gland. *Endocrinology*, **2001**, 142, 5131-9	4.8	58
216	Congenital hypothyroidism in a child with unsuspected familial dysalbuminemic hyperthyroxinemia caused by a mutation (R218H) in the human albumin gene. *Journal of Pediatrics*, **2001**, 139, 887-91	3.6	6
215	Three novel mutations causing complete T(4)-binding globulin deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2001**, 86, 5039-44	5.6	19
214	Resistance to thyroid hormone in the absence of mutations in the thyroid hormone receptor genes. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2000**, 7, 253-259		15
213	Resistance to thyroid hormone. *Reviews in Endocrine and Metabolic Disorders*, **2000**, 1, 97-108	10.5	147
212	Congenital central isolated hypothyroidism caused by a homozygous mutation in the TSH-beta subunit gene. *Thyroid*, **2000**, 10, 387-91	6.2	51
211	Search for abnormalities of nuclear corepressors, coactivators, and a coregulator in families with resistance to thyroid hormone without mutations in thyroid hormone receptor beta or alpha genes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 3609-17	5.6	49
210	Failure of membrane targeting causes the functional defect of two mutant sodium iodide symporters. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2366-9	5.6	49
209	Familial dysalbuminemic hyperthyroxinemia in a Swiss family caused by a mutant albumin (R218P) shows an apparent discrepancy between serum concentration and affinity for thyroxine. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2786-92	5.6	29
208	Identification of thyroxine-binding globulin-San Diego in a family from Houston and its characterization by in vitro expression using Xenopus oocytes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 368-72	5.6	8
207	Mice with a targeted mutation in the thyroid hormone beta receptor gene exhibit impaired growth and resistance to thyroid hormone. *Proceedings of the National Academy of Sciences of the United States of America*, **2000**, 97, 13209-14	11.5	232
206	Genetic immunization of outbred mice with thyrotropin receptor cDNA provides a model of GravesQ disease. *Journal of Clinical Investigation*, **2000**, 105, 803-11	15.9	117
205	Identification of Thyroxine-Binding Globulin-San Diego in a Family from Houston and Its Characterization by in Vitro Expression Using Xenopus Oocytes. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 368-372	5.6	5
204	Failure of Membrane Targeting Causes the Functional Defect of Two Mutant Sodium Iodide Symporters. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2366-2369	5.6	34
203	Familial Dysalbuminemic Hyperthyroxinemia in a Swiss Family Caused by a Mutant Albumin (R218P) Shows an Apparent Discrepancy between Serum Concentration and Affinity for Thyroxine. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 2786-2792	5.6	28

202	Five new families with resistance to thyroid hormone not caused by mutations in the thyroid hormone receptor beta gene. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 3919-28	5.6	63
201	Two different mutations in the thyroid peroxidase gene of a large inbred Amish kindred: power and limits of homozygosity mapping. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1061-71	5.6	57
200	Torpor in mice is induced by both leptin-dependent and -independent mechanisms. *Proceedings of the National Academy of Sciences of the United States of America*, **1999**, 96, 14623-8	11.5	172
199	Responsiveness to thyroid hormone is enhanced in rat hepatocytes cultured as spheroids compared with that in monolayers: altered responsiveness to thyroid hormone possibly involves complex formed on thyroid hormone response elements. *Thyroid*, **1999**, 9, 959-67	6.2	15
198	The hypothyroidism in an inbred kindred with congenital thyroid hormone and glucocorticoid deficiency is due to a mutation producing a truncated thyrotropin receptor. *Thyroid*, **1999**, 9, 887-94	6.2	72
197	Structure-function relationships of two loss-of-function mutations of the thyrotropin receptor gene. *Thyroid*, **1999**, 9, 995-1000	6.2	33
196	Resistance to thyroid hormone caused by a new mutation (V336M) in the thyroid hormone receptor beta gene. *Thyroid*, **1999**, 9, 1001-4	6.2	5
195	Treatment of resistance to thyroid hormone--primum non nocere. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 401-4	5.6	53
194	A novel point mutation in cluster 3 of the thyroid hormone receptor beta gene (P247L) causing mild resistance to thyroid hormone. *Thyroid*, **1999**, 9, 1195-203	6.2	10
193	Improved radioimmunoassay for measurement of mouse thyrotropin in serum: strain differences in thyrotropin concentration and thyrotroph sensitivity to thyroid hormone. *Thyroid*, **1999**, 9, 1265-71	6.2	135
192	Mice deficient in the steroid receptor co-activator 1 (SRC-1) are resistant to thyroid hormone. *EMBO Journal*, **1999**, 18, 1900-4	13	196
191	Mutations in the sodium/iodide symporter (NIS) gene as a cause for iodide transport defects and congenital hypothyroidism. *Biochimie*, **1999**, 81, 469-76	4.6	49
190	Treatment of Resistance to Thyroid Hormone--Primum Non Nocere. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 401-404	5.6	57
189	Two Different Mutations in the Thyroid Peroxidase Gene of a Large Inbred Amish Kindred: Power and Limits of Homozygosity Mapping. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 1061-1071	5.6	50
188	Selective pituitary resistance to thyroid hormone produced by expression of a mutant thyroid hormone receptor beta gene in the pituitary gland of transgenic mice. *Biochemical and Biophysical Research Communications*, **1998**, 245, 204-10	3.4	21
187	Thyroid hormone action on liver, heart, and energy expenditure in thyroid hormone receptor beta-deficient mice. *Endocrinology*, **1998**, 139, 4945-52	4.8	146
186	Complete thyroxine-binding globulin (TBG) deficiency produced by a mutation in acceptor splice site causing frameshift and early termination of translation (TBG-Kankakee). *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 3604-8	5.6	22
185	Familial dysalbuminemic hypertriiodothyroninemia: a new, dominantly inherited albumin defect. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 1448-54	5.6	35

184	Complete deficiency of thyroxine-binding globulin (TBG-CD Buffalo) caused by a new nonsense mutation in the thyroxine-binding globulin gene. *Thyroid*, **1998**, 8, 161-5	6.2	19
183	The syndrome of resistance to thyroid hormone, misdiagnosed and treated as thyrotoxicosis. *Endocrine Practice*, **1998**, 4, 391-5	3.2	3
182	Congenital hypothyroidism due to mutations in the sodium/iodide symporter. Identification of a nonsense mutation producing a downstream cryptic 3′ splice site. *Journal of Clinical Investigation*, **1998**, 101, 1028-35	15.9	82
181	Complete Thyroxine-Binding Globulin (TBG) Deficiency Produced by a Mutation in Acceptor Splice Site Causing Frameshift and Early Termination of Translation (TBG-Kankakee). *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 3604-3608	5.6	16
180	Familial Dysalbuminemic Hypertriiodothyroninemia: A New, Dominantly Inherited Albumin Defect. *Journal of Clinical Endocrinology and Metabolism*, **1998**, 83, 1448-1454	5.6	31
179	Resistance to thyrotropin (TSH) in three families is not associated with mutations in the TSH receptor or TSH. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 3933-40	5.6	46
178	Thyrotropin regulation by thyroid hormone in thyroid hormone receptor beta-deficient mice. *Endocrinology*, **1997**, 138, 3624-9	4.8	86
177	Phenotype differences of resistance to thyroid hormone in two unrelated families with an identical mutation in the thyroid hormone receptor beta gene (R320C). *Thyroid*, **1997**, 7, 35-8	6.2	11
176	Thyroid dysfunction is not associated with alterations in serum leptin levels. *Thyroid*, **1997**, 7, 407-9	6.2	73
175	Mutation in the thyroid hormone receptor beta gene (A317T) in a Thai subject with resistance to thyroid hormone. *Thyroid*, **1997**, 7, 905-7	6.2	6
174	Behavioral effects of liothyronine (L-T3) in children with attention deficit hyperactivity disorder in the presence and absence of resistance to thyroid hormone. *Thyroid*, **1997**, 7, 389-93	6.2	48
173	Probing the cause of thyroid dysgenesis. *Thyroid*, **1997**, 7, 325-6	6.2	19
172	A novel point mutation of thyroid hormone receptor beta gene in a family with resistance to thyroid hormone. *Thyroid*, **1997**, 7, 771-3	6.2	5
171	Resistance to thyroid hormone caused by two mutant thyroid hormone receptors beta, R243Q and R243W, with marked impairment of function that cannot be explained by altered in vitro 3,5,3′-triiodothyroinine binding affinity. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 1608-14	5.6	50
170	Resistance to Thyrotropin (TSH) in Three Families Is not Associated with Mutations in the TSH Receptor or TSH. *Journal of Clinical Endocrinology and Metabolism*, **1997**, 82, 3933-3940	5.6	47
169	Hypothyroidism in a Brazilian kindred due to iodide trapping defect caused by a homozygous mutation in the sodium/iodide symporter gene. *Biochemical and Biophysical Research Communications*, **1997**, 240, 488-91	3.4	72
168	Modification of thyroid hormone and 9-cis retinoic acid signaling by overexpression of their cognate receptors using adenoviral vector. *Molecular and Cellular Endocrinology*, **1997**, 131, 59-66	4.4	7
167	Effect of thyroid hormone on growth. Lessons from the syndrome of resistance to thyroid hormone. *Endocrinology and Metabolism Clinics of North America*, **1996**, 25, 719-30	5.5	73

166	Expression of thyroid peroxidase in EBV-transformed B cell lines using adenovirus. *Thyroid*, **1996**, 6, 23-8	6.2	8
165	Mutation in the thyroid hormone receptor (TR) beta gene (M313T) not previously reported in two unrelated families with resistance to thyroid hormone (RTH). *Thyroid*, **1996**, 6, 571-3	6.2	10
164	A new mutation in the thyroid hormone receptor (TR) beta gene (V458A) in a family with resistance to thyroid hormone (RTH). *Thyroid*, **1996**, 6, 311-2	6.2	9
163	Functional characteristics of a variant thyrotropin receptor. *FEBS Journal*, **1996**, 238, 490-4		11
162	Evaluation of pituitary and peripheral tissue markers of thyroid hormone action in an Iranian family with resistance to thyroid hormone. *Thyroid*, **1996**, 6, 589-93	6.2	2
161	Thyroxine-binding globulin: organization of the gene and variants. *Hormone Research*, **1996**, 45, 128-38		36
160	Response to challenge with gonadotropin-releasing hormone agonist in a mother and her two sons with a constitutively activating mutation of the luteinizing hormone receptor--a clinical research center study. *Journal of Clinical Endocrinology and Metabolism*, **1996**, 81, 3802-3806	5.6	45
159	Dominant inheritance of resistance to thyroid hormone not linked to defects in the thyroid hormone receptor alpha or beta genes may be due to a defective cofactor. *Journal of Clinical Endocrinology and Metabolism*, **1996**, 81, 4196-4203	5.6	66
158	A mouse model of resistance to thyroid hormone produced by somatic gene transfer of a mutant thyroid hormone receptor. *Molecular Endocrinology*, **1996**, 10, 100-106		21
157	Sleep deprivation in the rat: XIX. Effects of thyroxine administration. *Sleep*, **1995**, 18, 317-24	1.1	7
156	Effects of aging on glucose regulation during wakefulness and sleep. *American Journal of Physiology - Endocrinology and Metabolism*, **1995**, 269, E1006-16	6	10
155	Molecular and structural characterization of the heat-resistant thyroxine-binding globulin-Chicago. *Journal of Biological Chemistry*, **1995**, 270, 28234-8	5.4	14
154	Brief report: resistance to thyrotropin caused by mutations in the thyrotropin-receptor gene. *New England Journal of Medicine*, **1995**, 332, 155-60	59.2	296
153	Molecular cloning of an orphan G-protein-coupled receptor that constitutively activates adenylate cyclase. *Biochemical Journal*, **1995**, 309 (Pt 3), 837-43	3.8	105
152	How clinical observations of a congenital disease can be translated in terms of molecular biology. *Perspectives in Biology and Medicine*, **1994**, 37, 315-26	1.5	4
151	Demonstration of rapid light-induced advances and delays of the human circadian clock using hormonal phase markers. *American Journal of Physiology - Endocrinology and Metabolism*, **1994**, 266, E953-63	6	40
150	Resistance to thyroid hormone: an historical overview. *Thyroid*, **1994**, 4, 345-9	6.2	42
149	Nomenclature of thyroid hormone receptor-beta gene mutations in resistance to thyroid hormone: consensus statement from the First Workshop on Thyroid Hormone Resistance, 10-11th July 1993, Cambridge, UK. *European Journal of Endocrinology*, **1994**, 130, 426-8	6.5	4

148	Polymorphism of a variant human thyrotropin receptor (hTSHR) gene. *Thyroid*, **1994**, 4, 147-9	6.2	42
147	Gene screening in Japanese families with complete deficiency of thyroxine-binding globulin demonstrates that a nucleotide deletion at codon 352 may be a race specific mutation. *Clinical Endocrinology*, **1994**, 40, 221-6	3.4	6
146	Nomenclature of thyroid hormone receptor beta gene mutations in resistance to thyroid hormone: consensus statement from the First Workshop on Thyroid Hormone Resistance, 10-11 July 1993, Cambridge, UK. *Clinical Endocrinology*, **1994**, 40, 697-700	3.4	5
145	An identical missense mutation in the albumin gene results in familial dysalbuminemic hyperthyroxinemia in 8 unrelated families. *Biochemical and Biophysical Research Communications*, **1994**, 202, 781-7	3.4	62
144	Resistance to thyroid hormone and its molecular basis. *Pediatrics International*, **1994**, 36, 1-15	1.2	6
143	Resistance to thyroid hormone in subjects from two unrelated families is associated with a point mutation in the thyroid hormone receptor beta gene resulting in the replacement of the normal proline 453 with serine. *Thyroid*, **1994**, 4, 249-54	6.2	20
142	Nomenclature of thyroid hormone receptor beta gene mutations in resistance to thyroid hormone: consensus statement from the first workshop on thyroid hormone resistance, July 10-11th 1993, Cambridge, U.K. *Thyroid*, **1994**, 4, 135-7	6.2	2
141	Nomenclature of thyroid hormone receptor beta-gene mutations in resistance to thyroid hormone: consensus statement from the first workshop on thyroid hormone resistance, July 10-11, 1993, Cambridge, United Kingdom. *Journal of Clinical Endocrinology and Metabolism*, **1994**, 78, 990-3	5.6	23
140	Mutations of CpG dinucleotides located in the triiodothyronine (T3)-binding domain of the thyroid hormone receptor (TR) beta gene that appears to be devoid of natural mutations may not be detected because they are unlikely to produce the clinical phenotype of resistance to thyroid hormone. *Journal of Clinical Investigation*, **1994**, 94, 607-15	15.9	42
139	A new point mutation (C446R) in the thyroid hormone receptor-beta gene of a family with resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **1994**, 78, 1253-1256	5.6	10
138	Low intelligence but not attention deficit hyperactivity disorder is associated with resistance to thyroid hormone caused by mutation R316H in the thyroid hormone receptor beta gene. *Journal of Clinical Endocrinology and Metabolism*, **1994**, 78, 1525-1528	5.6	25
137	Attention-deficit hyperactivity disorder and thyroid function. *Journal of Pediatrics*, **1993**, 123, 539-45	3.6	95
136	The syndromes of resistance to thyroid hormone. *Endocrine Reviews*, **1993**, 14, 348-99	27.2	547
135	Identical mutations in unrelated families with generalized resistance to thyroid hormone occur in cytosine-guanine-rich areas of the thyroid hormone receptor beta gene. Analysis of 15 families. *Journal of Clinical Investigation*, **1993**, 91, 2408-15	15.9	95
134	Resistance to Thyroid Hormone. *Clinics in Laboratory Medicine*, **1993**, 13, 563-581	2.1	22
133	Human thyroxine-binding globulin gene: complete sequence and transcriptional regulation. *Molecular Endocrinology*, **1993**, 7, 1049-1060		30
132	Thyroid hormone resistance. *Annual Review of Medicine*, **1992**, 43, 363-75	17.4	31
131	Clinical and Genetic Aspects of Resistance to Thyroid Hormone **1992**, 2, 261-272		12

130	Molecular basis of inherited thyroxine-binding globulin defects. *Trends in Endocrinology and Metabolism*, **1992**, 3, 49-53	8.8	31
129	Sequencing of the variant thyroxine-binding globulin (TBG)-San Diego reveals two nucleotide substitutions. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **1992**, 1139, 307-10	6.9	12
128	New insights on the mechanism(s) of the dominant negative effect of mutant thyroid hormone receptor in generalized resistance to thyroid hormone. *Journal of Clinical Investigation*, **1992**, 90, 1825-31	15.9	52
127	Sequence of the variant thyroxine-binding globulin (TBG) in a Montreal family with partial TBG deficiency. *Human Genetics*, **1991**, 87, 119-22	6.3	18
126	Low serum free thyroxine index in ambulating elderly is due to a resetting of the threshold of thyrotropin feedback suppression. *Journal of Clinical Endocrinology and Metabolism*, **1991**, 73, 843-9	5.6	43
125	Molecular cloning and primary structure of rat thyroxine-binding globulin. *Biochemistry*, **1991**, 30, 5406-12	3.1	15
124	Complete thyroxine-binding globulin (TBG) deficiency caused by a single nucleotide deletion in the TBG gene. *Metabolism: Clinical and Experimental*, **1991**, 40, 1231-4	12.7	32
123	Sleep deprivation in the rat: XIII. The effect of hypothyroidism on sleep deprivation symptoms. *Sleep*, **1991**, 14, 201-10	1.1	12
122	Screening of nineteen unrelated families with generalized resistance to thyroid hormone for known point mutations in the thyroid hormone receptor beta gene and the detection of a new mutation. *Journal of Clinical Investigation*, **1991**, 87, 496-502	15.9	54
121	Modulation of glucose regulation and insulin secretion by circadian rhythmicity and sleep. *Journal of Clinical Investigation*, **1991**, 88, 934-42	15.9	280
120	Diverse abnormalities of the c-erbA beta thyroid hormone receptor gene in generalized thyroid hormone resistance. *Advances in Experimental Medicine and Biology*, **1991**, 299, 251-8	3.6	4
119	Sleep deprivation in the rat: XI. The effect of guanethidine-induced sympathetic blockade on the sleep deprivation syndrome. *Sleep*, **1990**, 13, 218-31	1.1	23
118	Dominant negative transcriptional regulation by a mutant thyroid hormone receptor-beta in a family with generalized resistance to thyroid hormone. *Molecular Endocrinology*, **1990**, 4, 1988-94		112
117	Effect of total sleep deprivation on 5Q deiodinase activity of rat brown adipose tissue. *Endocrinology*, **1990**, 127, 882-90	4.8	39
116	Serum thyrotropin and prolactin in the syndrome of generalized resistance to thyroid hormone: responses to thyrotropin-releasing hormone stimulation and short term triiodothyronine suppression. *Journal of Clinical Endocrinology and Metabolism*, **1990**, 70, 1305-11	5.6	26
115	Replacement of Leu227 by Pro in thyroxine-binding globulin (TBG) is associated with complete TBG deficiency in three of eight families with this inherited defect. *Journal of Clinical Endocrinology and Metabolism*, **1990**, 70, 804-9	5.6	47
114	Molecular basis for the properties of the thyroxine-binding globulin-slow variant in American blacks. *Journal of Endocrinological Investigation*, **1990**, 13, 343-9	5.2	26
113	A new inherited abnormality of thyroxine-binding globulin (TBG-San Diego) with decreased affinity for thyroxine and triiodothyronine. *Journal of Clinical Endocrinology and Metabolism*, **1989**, 68, 114-9	5.6	19

112	A mutation causing reduced biological activity and stability of thyroxine-binding globulin probably as a result of abnormal glycosylation of the molecule. *Molecular Endocrinology*, **1989**, 3, 575-9		34
111	Leukocyte alkaline phosphatase in hypothyroidism and hyperthyroidism. Response to initiation of thyroxine replacement therapy. *Metabolism: Clinical and Experimental*, **1989**, 38, 311-4	12.7	4
110	Inherited thyroxine-binding globulin abnormalities in man. *Endocrine Reviews*, **1989**, 10, 275-93	27.2	118
109	The syndrome of generalized resistance to thyroid hormone (GRTH). *Endocrine Research*, **1989**, 15, 717-43	2.9	9
108	Generalized resistance to thyroid hormone associated with a mutation in the ligand-binding domain of the human thyroid hormone receptor beta. *Proceedings of the National Academy of Sciences of the United States of America*, **1989**, 86, 8977-81	11.5	208
107	Sleep deprivation in the rat: V. Energy use and mediation. *Sleep*, **1989**, 12, 31-41	1.1	165
106	Sequence of the variant thyroxine-binding globulin of Australian aborigines. Only one of two amino acid replacements is responsible for its altered properties. *Journal of Clinical Investigation*, **1989**, 83, 1344-8	15.9	32
105	Resistance to Thyroid Hormones and Screening for High Thyroxine at Birth **1989**, 165-172		
104	Relationship of oligosaccharide modification to the cause of serum thyroxine-binding globulin excess. *Journal of Clinical Endocrinology and Metabolism*, **1988**, 66, 1037-43	5.6	30
103	Detection of the thyroxine-binding globulin (TBG) gene in six unrelated families with complete TBG deficiency. *Journal of Clinical Endocrinology and Metabolism*, **1988**, 67, 727-33	5.6	18
102	Normal cellular uptake of thyroxine from serum of patients with familial dysalbuminemic hyperthyroxinemia or elevated thyroxine-binding globulin. *Journal of Clinical Endocrinology and Metabolism*, **1988**, 67, 1166-70	5.6	10
101	Effect of estrogen on the synthesis and secretion of thyroxine-binding globulin by a human hepatoma cell line, Hep G2. *Molecular Endocrinology*, **1988**, 2, 313-23		21
100	Sex hormone-binding globulin in the diagnosis of peripheral tissue resistance to thyroid hormone: the value of changes after short term triiodothyronine administration. *Journal of Clinical Endocrinology and Metabolism*, **1988**, 66, 740-6	5.6	74
99	Thyroid hormone inhibits fibronectin synthesis by cultured human skin fibroblasts. *Journal of Clinical Endocrinology and Metabolism*, **1987**, 64, 334-9	5.6	32
98	Resistance to thyroid hormone diagnosed by the reduced response of fibroblasts to the triiodothyronine-induced suppression of fibronectin synthesis. *Journal of Clinical Endocrinology and Metabolism*, **1987**, 65, 242-6	5.6	18
97	Reduced clearance rate of thyroxine-binding globulin (TBG) with increased sialylation: a mechanism for estrogen-induced elevation of serum TBG concentration. *Journal of Clinical Endocrinology and Metabolism*, **1987**, 65, 689-96	5.6	222
96	Two new inherited defects of the thyroxine-binding globulin (TBG) molecule presenting as partial TBG deficiency. *Journal of Clinical Investigation*, **1987**, 79, 833-40	15.9	24
95	Inherited heat-stable variant thyroxine-binding globulin (TBG-Chicago). *Journal of Clinical Endocrinology and Metabolism*, **1986**, 63, 1140-4	5.6	9

94	Inherited abnormality of thyroxine-binding globulin with no demonstrable thyroxine-binding activity and high serum levels of denatured thyroxine-binding globulin. *New England Journal of Medicine*, **1986**, 314, 694-9	59.2	22
93	Reduced affinity for thyroxine in two of three structural thyroxine-binding prealbumin variants associated with familial amyloidotic polyneuropathy. *Journal of Clinical Endocrinology and Metabolism*, **1986**, 63, 1432-7	5.6	44
92	Isoelectric focusing variant thyroxine-binding globulin in American blacks: increased heat lability and reduced serum concentration. *Journal of Clinical Endocrinology and Metabolism*, **1986**, 63, 80-7	5.6	13
91	The role of glycosylation in the molecular conformation and secretion of thyroxine-binding globulin. *Endocrinology*, **1986**, 118, 1614-21	4.8	21
90	Nuclear thyroid hormone receptors in cultured human fibroblasts: improved method of isolation, partial characterization, and interaction with chromatin. *Metabolism: Clinical and Experimental*, **1986** , 35, 861-8	12.7	13
89	Thyroid Function Tests in Subjects with a Genetic Isoelectric Focusing Variant TBG **1986**, 485-489		1
88	Direct application of radioiodinated aminoacyl tRNA for radiolabeling nascent proteins. *Analytical Biochemistry*, **1985**, 147, 503-10	3.1	1
87	X-chromosome-linked inheritance of the variant thyroxine-binding globulin in Australian aborigines. *Journal of Clinical Endocrinology and Metabolism*, **1985**, 60, 356-60	5.6	25
86	Characterization of thyroxine-binding globulin secreted by a human hepatoma cell line. *Journal of Clinical Endocrinology and Metabolism*, **1985**, 60, 472-8	5.6	32
85	The effect of dexamethasone on the 24-hour profiles of adrenocorticotropin and cortisol in Cushing's syndrome. *Journal of Clinical Endocrinology and Metabolism*, **1985**, 60, 527-35	5.6	39
84	Measurement of thyroxine uptake from serum by cultured human hepatocytes as an index of thyroid status: reduced thyroxine uptake from serum of patients with nonthyroidal illness. *Journal of Clinical Endocrinology and Metabolism*, **1985**, 61, 1046-52	5.6	30
83	Variant thyroxine-binding globulin in serum of Australian aborigines: a comparison with familial TBG deficiency in Caucasians and American blacks. *Journal of Endocrinological Investigation*, **1985**, 8, 217-24	5.2	11
82	Variant thyroxine-binding globulin in serum of Australian aborigines: its physical, chemical and biological properties. *Journal of Endocrinological Investigation*, **1985**, 8, 225-32	5.2	42
81	Multifactorial control of the 24-hour secretory profiles of pituitary hormones. *Journal of Endocrinological Investigation*, **1985**, 8, 381-91	5.2	91
80	Evidence for two subtypes of Cushing's disease based on the analysis of episodic cortisol secretion. *New England Journal of Medicine*, **1985**, 312, 1343-9	59.2	107
79	Radioimmunoassays specific for the tertiary and primary structures of thyroxine-binding globulin (TBG): measurement of denatured TBG in serum. *Journal of Clinical Endocrinology and Metabolism*, **1984**, 59, 269-77	5.6	37
78	Reduced triiodothyronine content in liver but not pituitary of the uremic rat model: demonstration of changes compatible with thyroid hormone deficiency in liver only. *Endocrinology*, **1984**, 114, 280-6	4.8	47
77	Thyrotropin controls transcription of the thyroglobulin gene. *Proceedings of the National Academy of Sciences of the United States of America*, **1984**, 81, 5941-5	11.5	103

76	The consequences of inappropriate treatment because of failure to recognize the syndrome of pituitary and peripheral tissue resistance to thyroid hormone. *Metabolism: Clinical and Experimental* , **1983**, 32, 822-34	12.7	45
75	Retrospective and prospective study of radiation-induced thyroid disease. *American Journal of Medicine*, **1983**, 74, 852-62	2.4	89
74	The influence of percutaneous fine needle aspiration on serum thyroglobulin. *Journal of Clinical Endocrinology and Metabolism*, **1983**, 56, 26-9	5.6	32
73	The Value of Serum Thyroglobulin Measurement in Clinical Practice. *JAMA - Journal of the American Medical Association*, **1983**, 250, 2352	27.4	43
72	Effects of "jet lag" on hormonal patterns. IV. Time shifts increase growth hormone release. *Journal of Clinical Endocrinology and Metabolism*, **1983**, 56, 433-40	5.6	59
71	Hormonal regulation of glycosaminoglycan accumulation in fibroblasts from patients with resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **1983**, 57, 1233-9	5.6	24
70	The relationship between episodic variations of plasma prolactin and REM-non-REM cyclicity is an artifact. *Journal of Clinical Endocrinology and Metabolism*, **1982**, 54, 70-5	5.6	37
69	Radioimmunoassay detection of endorphins from long-term culture of human pituitary tumour cells. *European Journal of Endocrinology*, **1982**, 99, 174-8	6.5	5
68	Effects of "jet lag" on hormonal patterns. III. Demonstration of an intrinsic circadian rhythmicity in plasma prolactin. *Journal of Clinical Endocrinology and Metabolism*, **1982**, 55, 849-57	5.6	65
67	Multiple complications of propylthiouracil treatment: granulocytopenia, eosinophilia, skin reaction and hepatitis with lymphocyte sensitization. *Journal of Endocrinological Investigation*, **1982**, 5, 403-7	5.2	27
66	Syndromes of thyroid hormone resistance. *American Journal of Physiology - Endocrinology and Metabolism*, **1982**, 243, E88-98	6	18
65	Regulation of glycosaminoglycan synthesis by thyroid hormone in vitro. *Journal of Clinical Investigation*, **1982**, 70, 1066-73	15.9	76
64	Radioautographic localization of prolactin messenger RNA on histological sections by in situ hybridization. *Brain Research*, **1981**, 211, 433-8	3.7	32
63	Dopaminergic control of prolactin mRNA accumulation in the pituitary of the male rat. *Molecular and Cellular Endocrinology*, **1981**, 22, 25-30	4.4	16
62	Effects of "jet lag" on hormonal patterns. I. Procedures, variations in total plasma proteins, and disruption of adrenocorticotropin-cortisol periodicity. *Journal of Clinical Endocrinology and Metabolism*, **1981**, 52, 628-41	5.6	91
61	Modulation of thyroglobulin messenger RNA accumulation in the rat thyroid. *Endocrinology*, **1981**, 109, 1650-6	4.8	12
60	The effect of thyroid hormone on glycosaminoglycan accumulation in human skin fibroblasts. *Endocrinology*, **1981**, 108, 2397-9	4.8	30
59	Effects of "jet lag" on hormonal patterns. II. Adaptation of melatonin circadian periodicity. *Journal of Clinical Endocrinology and Metabolism*, **1981**, 52, 642-9	5.6	63

58	Growth hormone responses to thyroid hormone in the neonatal rat: resistance and anamnestic response. *Journal of Clinical Investigation*, **1981**, 67, 569-74	15.9	8
57	Adaptation of 24-Hour Hormonal Patterns and Sleep to Jet Lag **1981**, 68-95		
56	Ontogenetic patterns of thyrotropin-releasing hormone-like material in rat hypothalamus, pancreas, and retina: selective effect of light deprivation. *Proceedings of the National Academy of Sciences of the United States of America*, **1980**, 77, 4345-8	11.5	74
55	Transient elevation of serum thyroid hormone concentration after initiation of replacement therapy in myxedema. *Annals of Internal Medicine*, **1980**, 92, 491-5	8	15
54	Circadian and ultradian variations of ACTH and cortisol secretion. *Hormone Research*, **1980**, 13, 302-16		36
53	Defective thyroid hormone feedback regulation in the syndrome of peripheral resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **1980**, 51, 41-5	5.6	38
52	Inherited X chromosome linked thyroxine-binding globulin (TBG) deficiency in a homozygous female. *Journal of Endocrinological Investigation*, **1980**, 3, 349-52	5.2	1
51	Thyroid function in a uremic rat model. Evidence suggesting tissue hypothyroidism. *Journal of Clinical Investigation*, **1980**, 66, 946-54	15.9	46
50	Isolation of rat prolactin messenger ribonucleic acid and synthesis of the complementary deoxyribonucleic acid. *Endocrinology*, **1979**, 105, 1481-7	4.8	9
49	The differential stimulatory effect of thyroid hormone on growth hormone synthesis and estrogen on prolactin synthesis due to accumulation of specific messenger ribonucleic acids. *Endocrinology*, **1979**, 104, 1083-90	4.8	53
48	Heterogeneous human prolactin from a giant pituitary tumor in a patient with panhypopituitarism. *Journal of Clinical Endocrinology and Metabolism*, **1978**, 47, 780-7	5.6	22
47	Loss of bioreactivity and preservation of immunoreactivity of iodothyrotropin-releasing hormone. *Endocrinology*, **1978**, 103, 246-53	4.8	16
46	Early in vitro induction of rat pituitary GH mRNA by T31. *Endocrinology*, **1978**, 103, 1506-9	4.8	10
45	Abnormalities of triiodothyronine binding to lymphocyte and fibroblast nuclei from a patient with peripheral tissue resistance to thyroid hormone action. *Journal of Clinical Endocrinology and Metabolism*, **1978**, 47, 1266-72	5.6	72
44	GravesQdisease associated with familial deficiency of thyroxine-binding globulin. *Journal of Clinical Endocrinology and Metabolism*, **1977**, 44, 242-7	5.6	20
43	Induction of hypothyroidism and hypoprolactinemia by growth hormone producing rat pituitary tumors. *Endocrinology*, **1977**, 100, 216-26	4.8	18
42	Reduced nuclear triiodothyronine receptors in starvation-induced hypothyroidism. *Biochemical and Biophysical Research Communications*, **1977**, 79, 173-8	3.4	72
41	Iodination-deiodination. A radiochemical method for detection of structure and changes in structure in RNA. *Nucleic Acids and Protein Synthesis*, **1977**, 475, 337-51		3

40	Familial goitre with partial iodine organification defect, lack of thyroglobulin, and high levels of thyroid peroxidase. *Clinical Endocrinology*, **1977**, 6, 27-39	3.4	12
39	The action of thyroid hormone. *Clinical Endocrinology*, **1977**, 6, 227-49	3.4	82
38	Serum albumin and antibodies in the diagnosis of thyroid cancer. *Journal of Clinical Endocrinology and Metabolism*, **1977**, 45, 1220-3	5.6	36
37	Suppression of elevated serum TSH levels in hypothyroidism by fusaric acid. *Journal of Clinical Endocrinology and Metabolism*, **1977**, 45, 95-8	5.6	14
36	Thyroid dysfunction in chronic renal failure. A study of the pituitary-thyroid axis and peripheral turnover kinetics of thyroxine and triiodothyronine. *Journal of Clinical Investigation*, **1977**, 60, 522-34	15.9	157
35	Measurement of circulating thyroid microsomal antibodies by the tanned red cell haemagglutination technique: its usefulness in the diagnosis of autoimmune thyroid diseases. *Clinical Endocrinology*, **1976**, 5, 115-25	3.4	135
34	Simultaneous translation of growth hormone and prolactin messenger RNA from rat pituitary tumor cells. *FEBS Letters*, **1976**, 70, 175-9	3.8	6
33	Pretibial myxedema--a reversible cause of foot drop due to entrapment of the peroneal nerve. *New England Journal of Medicine*, **1976**, 294, 1383-4	59.2	17
32	Thyroid hormone therapy. *Medical Clinics of North America*, **1975**, 59, 1147-62	7	8
31	Radioiodine labeling of ribopolymers for special applications in biology. *Methods in Cell Biology*, **1975**, 10, 343-59	1.8	7
30	Differentiation of two abnormalities in thyroid peroxidase causing organification defect and goitrous hypothyroidism. *Metabolism: Clinical and Experimental*, **1975**, 24, 57-67	12.7	29
29	Continuing occurrence of thyroid carcinoma after irradiation to the neck in infancy and childhood. *New England Journal of Medicine*, **1975**, 292, 171-5	59.2	198
28	The preparation of carrier-free iodine isotope-substituted cytosine nucleotides. *Nucleic Acids and Protein Synthesis*, **1974**, 340, 446-51		19
27	Neonatal hypothyroidism and goiter in one infant of each of two sets of twins due to maternal therapy with antithyroid drugs. *Journal of Pediatrics*, **1974**, 85, 240-4	3.6	29
26	Radioimmunoassay for Serum Triiodothyronine: Evaluation of Simple Techniques to Control Interference from Binding Proteins. *Clinical Chemistry*, **1974**, 20, 1150-1154	5.5	18
25	Hypogonadism induced by a transplantable, prolactin-producing tumor in male rats: hormonal and morphological studies. *Endocrinology*, **1974**, 95, 991-8	4.8	78
24	Interrelationships in the regulation of TSH and prolactin secretion in man: effects of L-dopa, TRH and thyroid hormone in various combinations. *Journal of Clinical Endocrinology and Metabolism*, **1974**, 38, 450-7	5.6	84
23	The Radioiodination of Ribopolymers for Use in Hybridizational and Molecular Analyses. *Journal of Biological Chemistry*, **1974**, 249, 2143-2150	5.4	26

22	Suppression of serum thyrotropin (TSH) by L-dopa in chronic hypothyroidism: interrelationships in the regulation of TSH and prolactin secretion. *Journal of Clinical Endocrinology and Metabolism*, **1973**, 36, 256-62	5.6	48
21	Peroxidase defect in congenital goiter with complete organification block. *Journal of Clinical Endocrinology and Metabolism*, **1973**, 36, 347-57	5.6	25
20	The effects of low doses of depot estradiol and testosterone in teenagers with ovarian failure and Turner♀ syndrome. *Journal of Clinical Endocrinology and Metabolism*, **1973**, 37, 574-80	5.6	28
19	Chiari-Frommel syndrome in a patient with primary adrenocortical insufficiency. *New England Journal of Medicine*, **1972**, 287, 1326-8	59.2	15
18	Metabolism of L-thyroxine (T4) and L-triiodothyronine (T3) by human fibroblasts in tissue culture: evidence for cellular binding proteins and conversion of T4 to T3. *Endocrinology*, **1972**, 91, 934-47	4.8	67
17	Studies of a sibship with apparent hereditary resistance to the intracellular action of thyroid hormone. *Metabolism: Clinical and Experimental*, **1972**, 21, 723-56	12.7	121
16	Study of four new kindreds with inherited thyroxine-binding globulin abnormalities. Possible mutations of a single gene locus. *Journal of Clinical Investigation*, **1972**, 51, 848-67	15.9	54
15	Diurnal rhythm in total serum thyroxine levels. *Metabolism: Clinical and Experimental*, **1971**, 20, 782-91	12.7	39
14	Thyroid hormone relationships between maternal and fetal circulations in human pregnancy at term: a study in patients with normal and abnormal thyroid function. *American Journal of Obstetrics and Gynecology*, **1970**, 108, 1269-76	6.4	4
13	Parameters of thyroid function in serum of 16 selected vertebrate species: a study of PBI, serum T4, free T4, and the pattern of T4 and T3 binding to serum proteins. *Endocrinology*, **1970**, 86, 793-805	4.8	169
12	Disappearance rate of endogenous and exogenous human growth hormone in man. *Journal of Clinical Endocrinology and Metabolism*, **1970**, 30, 386-92	5.6	40
11	Parameters of thyroid function in maternal and cord serum at term pregnancy. *Journal of Clinical Endocrinology and Metabolism*, **1969**, 29, 1276-80	5.6	17
10	Endemic goiter with hypothyroidism in three generations. *Journal of Clinical Endocrinology and Metabolism*, **1969**, 29, 1596-600	5.6	9
9	Familial thyroxine-binding globulin deficiency in a patient with Turner♀ syndrome (XO). Genetic study of a kindred. *New England Journal of Medicine*, **1968**, 278, 1081-7	59.2	46
8	A rapid radioimmunoassay for human placental lactogen. Application to normal and pathologic pregnancies. *American Journal of Obstetrics and Gynecology*, **1968**, 101, 874-85	6.4	44
7	Familial syndrome combining deaf-mutism, stuppled epiphyses, goiter and abnormally high PBI: possible target organ refractoriness to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **1967**, 27, 279-94	5.6	452
6	Iatrogenic hydrothorax. Report of a case. *Annals of Internal Medicine*, **1965**, 63, 869-72	8	7
5	Thyrotropin Regulation by Thyroid Hormone in Thyroid Hormone Receptor □Deficient Mice		28

4	Low TSH Requirement and Goiter in Transgenic Mice Overexpressing IGF-I and IGF-I Receptor in the Thyroid Gland	19
3	Thyroid Function in Mice with Compound Heterozygous and Homozygous Disruptions of SRC-1 and TIF-2 Coactivators: Evidence for Haploinsufficiency	13
2	Three Novel Mutations Causing Complete T4-Binding Globulin Deficiency	6
1	Consecutive Mutational Events in a Thyroid Stimulating Hormone (TSH) Receptor Allele of Arab Families with Resistance to TSH. *Thyroid*,111209122357003	6.2