Samuel Refetoff

List of Publications by Citations

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	The syndromes of resistance to thyroid hormone. *Endocrine Reviews*, **1993**, 14, 348-99	27.2	547
434	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
433	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
432	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
431	Mutations in SECISBP2 result in abnormal thyroid hormone metabolism. *Nature Genetics*, **2005**, 37, 1247-52	32.3	308
430	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
429	Modulation of glucose regulation and insulin secretion by circadian rhythmicity and sleep. *Journal of Clinical Investigation*, **1991**, 88, 934-42	15.9	280
428	Tissue-specific thyroid hormone deprivation and excess in monocarboxylate transporter (mct) 8-deficient mice. *Endocrinology*, **2006**, 147, 4036-43	4.8	255
427	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
426	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
425	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
424	Generation of functional thyroid from embryonic stem cells. *Nature*, **2012**, 491, 66-71	50.4	225
423	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
422	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
421	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
420	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
419	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

418	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
417	Mice deficient in the steroid receptor co-activator 1 (SRC-1) are resistant to thyroid hormone. *EMBO Journal*, **1999**, 18, 1900-4	13	196
416	Fetal loss associated with excess thyroid hormone exposure. *JAMA - Journal of the American Medical Association*, **2004**, 292, 691-5	27.4	192
415	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
414	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
413	Sleep deprivation in the rat: V. Energy use and mediation. *Sleep*, **1989**, 12, 31-41	1.1	165
412	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
411	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
410	The syndromes of reduced sensitivity to thyroid hormone. *Biochimica Et Biophysica Acta - General Subjects*, **2013**, 1830, 3987-4003	4	148
409	Resistance to thyroid hormone. *Reviews in Endocrine and Metabolic Disorders*, **2000**, 1, 97-108	10.5	147
408	Thyroid hormone action on liver, heart, and energy expenditure in thyroid hormone receptor beta-deficient mice. *Endocrinology*, **1998**, 139, 4945-52	4.8	146
407	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
406	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
405	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
404	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
403	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
402	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
401	Genetic causes of congenital hypothyroidism due to dyshormonogenesis. *Current Opinion in Pediatrics*, **2011**, 23, 421-8	3.2	128

400	Mice deficient in MCT8 reveal a mechanism regulating thyroid hormone secretion. *Journal of Clinical Investigation*, **2010**, 120, 3377-88	15.9	126
399	Importance of monocarboxylate transporter 8 for the blood-brain barrier-dependent availability of 3,5,3Ctriiodo-L-thyronine. *Endocrinology*, **2009**, 150, 2491-6	4.8	121
398	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
397	Inherited thyroxine-binding globulin abnormalities in man. *Endocrine Reviews*, **1989**, 10, 275-93	27.2	118
396	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
395	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
394	American Thyroid Association Guide to investigating thyroid hormone economy and action in rodent and cell models. *Thyroid*, **2014**, 24, 88-168	6.2	111
393	Cytosolic action of thyroid hormone leads to induction of hypoxia-inducible factor-1alpha and glycolytic genes. *Molecular Endocrinology*, **2005**, 19, 2955-63		107
392	Evidence for two subtypes of CushingQ disease based on the analysis of episodic cortisol secretion. *New England Journal of Medicine*, **1985**, 312, 1343-9	59.2	107
391	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
390	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
389	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
388	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
387	Attention-deficit hyperactivity disorder and thyroid function. *Journal of Pediatrics*, **1993**, 123, 539-45	3.6	95
386	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
385	A lack of thyroid hormones rather than excess thyrotropin causes abnormal skeletal development in hypothyroidism. *Molecular Endocrinology*, **2008**, 22, 501-12		94
384	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
383	Transsphenoidal surgery for Cushing disease: experience with 136 patients. *Neurosurgery*, **2012**, 70, 70-80; discussion 80-1	3.2	92

382	Multifactorial control of the 24-hour secretory profiles of pituitary hormones. *Journal of Endocrinological Investigation*, **1985**, 8, 381-91	5.2	91
381	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
380	Diiodothyropropionic acid (DITPA) in the treatment of MCT8 deficiency. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 4515-23	5.6	89
379	Retrospective and prospective study of radiation-induced thyroid disease. *American Journal of Medicine*, **1983**, 74, 852-62	2.4	89
378	Thyroid Hormone Signaling Pathways: Time for a More Precise Nomenclature. *Endocrinology*, **2017**, 158, 2052-2057	4.8	88
377	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
376	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
375	Thyrotropin regulation by thyroid hormone in thyroid hormone receptor beta-deficient mice. *Endocrinology*, **1997**, 138, 3624-9	4.8	86
374	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
373	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
372	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
371	A thyroid hormone analog with reduced dependence on the monocarboxylate transporter 8 for tissue transport. *Endocrinology*, **2009**, 150, 4450-8	4.8	82
370	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
369	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
368	X-linked paroxysmal dyskinesia and severe global retardation caused by defective MCT8 gene. *Journal of Neurology*, **2005**, 252, 663-6	5.5	82
367	The action of thyroid hormone. *Clinical Endocrinology*, **1977**, 6, 227-49	3.4	82
366	Congenital hypothyroidism due to mutations in the sodium/iodide symporter. Identification of a nonsense mutation producing a downstream cryptic 3Q splice site. *Journal of Clinical Investigation*, **1998**, 101, 1028-35	15.9	82
365	Homozygous thyroid hormone receptor 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

364	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
363	Hypogonadism induced by a transplantable, prolactin-producing tumor in male rats: hormonal and morphological studies. *Endocrinology*, **1974**, 95, 991-8	4.8	78
362	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
361	Type 3 deiodinase deficiency results in functional abnormalities at multiple levels of the thyroid axis. *Endocrinology*, **2007**, 148, 5680-7	4.8	76
360	Regulation of glycosaminoglycan synthesis by thyroid hormone in vitro. *Journal of Clinical Investigation*, **1982**, 70, 1066-73	15.9	76
359	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
358	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
357	Thyroid dysfunction is not associated with alterations in serum leptin levels. *Thyroid*, **1997**, 7, 407-9	6.2	73
356	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
355	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
354	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
353	Reduced nuclear triiodothyronine receptors in starvation-induced hypothyroidism. *Biochemical and Biophysical Research Communications*, **1977**, 79, 173-8	3.4	72
352	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
351	Dominant role of thyrotropin-releasing hormone in the hypothalamic-pituitary-thyroid axis. *Journal of Biological Chemistry*, **2006**, 281, 5000-7	5.4	70
350	Inherited defects of thyroxine-binding proteins. *Best Practice and Research in Clinical Endocrinology and Metabolism*, **2015**, 29, 735-47	6.5	69
349	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
348	Tissue-specific posttranslational modification allows functional targeting of thyrotropin. *Cell Reports*, **2014**, 9, 801-10	10.6	67
347	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

346	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
345	Thyrocyte-specific inactivation of p53 and Pten results in anaplastic thyroid carcinomas faithfully recapitulating human tumors. *Oncotarget*, **2011**, 2, 1109-26	3.3	66
344	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
343	Mice deficient in dual oxidase maturation factors are severely hypothyroid. *Molecular Endocrinology* , **2012**, 26, 481-92		64
342	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
341	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
340	Thyroid hormone responsive genes in cultured human fibroblasts. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 936-43	5.6	64
339	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
338	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
337	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
336	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
335	Selenium supplementation fails to correct the selenoprotein synthesis defect in subjects with SBP2 gene mutations. *Thyroid*, **2009**, 19, 277-81	6.2	60
334	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
333	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
332	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
331	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
330	Treatment of Resistance to Thyroid Hormone--Primum Non Nocere. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 401-404	5.6	57
329	Changes in thyroid status during perinatal development of MCT8-deficient male mice. *Endocrinology*, **2013**, 154, 2533-41	4.8	56

328	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
327	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
326	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
325	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
324	Thyroid hormone receptor and regulation of type 3 deiodinase. *Molecular Endocrinology*, **2011**, 25, 575-83		53
323	Resistance to thyrotropin. *Journal of Endocrinological Investigation*, **2003**, 26, 770-9	5.2	53
322	Treatment of resistance to thyroid hormone--primum non nocere. *Journal of Clinical Endocrinology and Metabolism*, **1999**, 84, 401-4	5.6	53
321	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
320	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
319	Negative regulation by thyroid hormone receptor requires an intact coactivator-binding surface. *Journal of Clinical Investigation*, **2005**, 115, 2517-23	15.9	52
318	Interconnection between circadian clocks and thyroid function. *Nature Reviews Endocrinology*, **2019**, 15, 590-600	15.2	51
317	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
316	Congenital central isolated hypothyroidism caused by a homozygous mutation in the TSH-beta subunit gene. *Thyroid*, **2000**, 10, 387-91	6.2	51
315	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
314	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
313	Autoimmunity in patients with resistance to thyroid hormone. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3189-93	5.6	49
312	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
311	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

310	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
309	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
308	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
307	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
306	Approach to the patient with resistance to thyroid hormone and pregnancy. *Journal of Clinical Endocrinology and Metabolism*, **2010**, 95, 3094-102	5.6	47
305	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
304	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
303	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
302	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
301	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
300	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
299	Thyroid function in a uremic rat model. Evidence suggesting tissue hypothyroidism. *Journal of Clinical Investigation*, **1980**, 66, 946-54	15.9	46
298	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
297	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
296	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
295	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
294	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
293	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

292	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
291	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
290	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
289	The Value of Serum Thyroglobulin Measurement in Clinical Practice. *JAMA - Journal of the American Medical Association*, **1983**, 250, 2352	27.4	43
288	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
287	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
286	Resistance to thyroid hormone: an historical overview. *Thyroid*, **1994**, 4, 345-9	6.2	42
285	Polymorphism of a variant human thyrotropin receptor (hTSHR) gene. *Thyroid*, **1994**, 4, 147-9	6.2	42
284	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
283	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
282	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
281	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
280	Disappearance rate of endogenous and exogenous human growth hormone in man. *Journal of Clinical Endocrinology and Metabolism*, **1970**, 30, 386-92	5.6	40
279	Effect of total sleep deprivation on 5′-deiodinase activity of rat brown adipose tissue. *Endocrinology*, **1990**, 127, 882-90	4.8	39
278	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
277	Diurnal rhythm in total serum thyroxine levels. *Metabolism: Clinical and Experimental*, **1971**, 20, 782-91	12.7	39
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