Samuel Refetoff

List of Publications by Year
in descending order

450 papers	24,861 citations	5569 82 h-index	12585 132 g-index
460 all docs	460 docs citations	460 times ranked	11859 citing authors

#	Article	IF	Citations
1	The Syndromes of Resistance to Thyroid Hormone*. Endocrine Reviews, 1993, 14, 348-399.	8.9	658
2	A Novel Syndrome Combining Thyroid and Neurological Abnormalities Is Associated with Mutations in a Monocarboxylate Transporter Gene. American Journal of Human Genetics, 2004, 74, 168-175.	2.6	613
3	Familial Syndrome Combining Deaf-Mutism, Stippled Epiphyses, Goiter and Abnormally High PBI: Possible Target Organ Refractoriness to Thyroid Hormone¹². Journal of Clinical Endocrinology and Metabolism, 1967, 27, 279-294.	1.8	560
4	Targeted Expression of BRAFV600E in Thyroid Cells of Transgenic Mice Results in Papillary Thyroid Cancers that Undergo Dedifferentiation. Cancer Research, 2005, 65, 4238-4245.	0.4	376
5	Mutations in SECISBP2 result in abnormal thyroid hormone metabolism. Nature Genetics, 2005, 37, 1247-1252.	9.4	360
6	Modulation of glucose regulation and insulin secretion by circadian rhythmicity and sleep.. Journal of Clinical Investigation, 1991, 88, 934-942.	3.9	344
7	Resistance to Thyrotropin Caused by Mutations in the Thyrotropin-Receptor Gene. New England Journal of Medicine, 1995, 332, 155-160.	13.9	328
8	Generation of functional thyroid from embryonic stem cells. Nature, 2012, 491, 66-71.	13.7	319
9	Small-molecule MAPK inhibitors restore radioiodine incorporation in mouse thyroid cancers with conditional BRAF activation. Journal of Clinical Investigation, 2011, 121, 4700-4711.	3.9	305
10	Identification of the Maturation Factor for Dual Oxidase. Journal of Biological Chemistry, 2006, 281, 18269-18272.	1.6	294
11	Tissue-Specific Thyroid Hormone Deprivation and Excess in Monocarboxylate Transporter (Mct) 8-Deficient Mice. Endocrinology, 2006, 147, 4036-4043.	1.4	286
12	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, 689-696.	1.8	264
13	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, 8977-8981.	3.3	258
14	Fetal Loss Associated With Excess Thyroid Hormone Exposure. JAMA - Journal of the American Medical Association, 2004, 292, 691.	3.8	257
15	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, 13209-13214.	3.3	253
16	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.	2.2	245
17	Genetic Analysis Reveals Different Functions for the Products of the Thyroid Hormone Receptor Î± Locus. Molecular and Cellular Biology, 2001, 21, 4748-4760.	1.1	239
18	Mice deficient in the steroid receptor co-activator 1(SRC-1) are resistant to thyroid hormone. EMBO Journal, 1999, 18, 1900-1904.	3.5	233

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19	Continuing Occurrence of Thyroid Carcinoma after Irradiation to the Neck in Infancy and Childhood. New England Journal of Medicine, 1975, 292, 171-175.	13.9	230
20	Thyroid Hormone Induces Rapid Activation of Akt/Protein Kinase B-Mammalian Target of Rapamycin-p70S6KCascade through Phosphatidylinositol 3-Kinase in Human Fibroblasts. Molecular Endocrinology, 2005, 19, 102-112.	3.7	224
21	Thyroid Dysfunction in Chronic Renal Failure. Journal of Clinical Investigation, 1977, 60, 522-534.	3.9	217
22	Parameters of Thyroid Function in Serum of 16 Selected Vertebrate Species: A Study of PBI, Serum T₄, Free T₄, and the Pattern of T₄and T₃Binding to Serum Proteins. Endocrinology, 1970, 86, 793-805.	1.4	203
23	The syndromes of reduced sensitivity to thyroid hormone. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3987-4003.	1.1	197
24	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, 14623-14628.	3.3	193
25	Resistance to thyroid hormone. , 2000, 1, 97-108.		190
26	MEASURMENT 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, 115-125.	1.2	183
27	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, 1615-1620.	3.3	183
28	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.	5.2	181
29	Sleep Deprivation in the Rat: V. Energy Use and Mediation. Sleep, 1989, 12, 31-41.	0.6	180
30	Genetic causes of congenital hypothyroidism due to dyshormonogenesis. Current Opinion in Pediatrics, 2011, 23, 421-428.	1.0	177
31	American Thyroid Association Guide to Investigating Thyroid Hormone Economy and Action in Rodent and Cell Models. Thyroid, 2014, 24, 88-168.	2.4	173
32	Mice deficient in MCT8 reveal a mechanism regulating thyroid hormone secretion. Journal of Clinical Investigation, 2010, 120, 3377-3388.	3.9	161
33	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, 605-610.	1.8	157
34	Thyroid Hormone Action on Liver, Heart, and Energy Expenditure in Thyroid Hormone Receptor Î²-Deficient Mice**Presented in part at the 69th Annual Meeting of the American Thyroid Association Meeting, November 14â€“17, 1996, San Diego, California. This study was supported in part by the National Institutes of Health Grant DK-17050 and the Seymour J. Abrams Thyroid Research Center; a grant from the Ministry of Health and Welfare, Japan (to H.S.); and Grant-in-Aid for Scientific Research (09671044) from the Minis. Endocrinology, 1998, 139, 4945-4952.	1.4	152
35	International Union of Pharmacology. LIX. The Pharmacology and Classification of the Nuclear Receptor Superfamily: Thyroid Hormone Receptors. Pharmacological Reviews, 2006, 58, 705-711.	7.1	151
36	Studies of a sibship with apparent hereditary resistance to the intracellular action of thyroid hormone. Metabolism: Clinical and Experimental, 1972, 21, 723-756.	1.5	150

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37	Improved Radioimmunoassay for Measurement of Mouse Thyrotropin in Serum: Strain Differences in Thyrotropin Concentration and Thyrotroph Sensitivity to Thyroid Hormone. Thyroid, 1999, 9, 1265-1271.	2.4	149
38	Genetic immunization of outbred mice with thyrotropin receptor cDNA provides a model of Gravesâ€™ disease. Journal of Clinical Investigation, 2000, 105, 803-811.	3.9	147
39	Importance of Monocarboxylate Transporter 8 for the Blood-Brain Barrier-Dependent Availability of 3,5,3â€²-Triiodo-l-Thyronine. Endocrinology, 2009, 150, 2491-2496.	1.4	142
40	Partial deficiency of Thyroid transcription factor 1 produces predominantly neurological defects in humans and mice. Journal of Clinical Investigation, 2002, 109, 469-473.	3.9	142
41	Inherited Thyroxine-Binding Globulin Abnormalities in Man*. Endocrine Reviews, 1989, 10, 275-293.	8.9	137
42	Thyroid Hormone Signaling Pathways: Time for a More Precise Nomenclature. Endocrinology, 2017, 158, 2052-2057.	1.4	134
43	Dominant Negative Transcriptional Regulation by a Mutant Thyroid Hormone Receptor-Î² in a Family with Generalized Resistance to Thyroid Hormone. Molecular Endocrinology, 1990, 4, 1988-1994.	3.7	130
44	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, 2408-2415.	3.9	129
45	Evidence for Two Subtypes of Cushing's Disease Based on the Analysis of Episodic Cortisol Secretion. New England Journal of Medicine, 1985, 312, 1343-1349.	13.9	127
46	Molecular cloning of an orphan G-protein-coupled receptor that constitutively activates adenylate cyclase. Biochemical Journal, 1995, 309, 837-843.	1.7	121
47	Cytosolic Action of Thyroid Hormone Leads to Induction of Hypoxia-Inducible Factor-1Î± and Glycolytic Genes. Molecular Endocrinology, 2005, 19, 2955-2963.	3.7	121
48	Interconnection between circadian clocks and thyroid function. Nature Reviews Endocrinology, 2019, 15, 590-600.	4.3	121
49	Thyrotropin controls transcription of the thyroglobulin gene.. Proceedings of the National Academy of Sciences of the United States of America, 1984, 81, 5941-5945.	3.3	119
50	Oncogenic Kras Requires Simultaneous PI3K Signaling to Induce ERK Activation and Transform Thyroid Epithelial Cells In vivo. Cancer Research, 2009, 69, 3689-3694.	0.4	118
51	Mutations of the Thyroid Hormone Transporter MCT8 Cause Prenatal Brain Damage and Persistent Hypomyelination. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E2799-E2804.	1.8	117
52	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, 450-457.	1.8	115
53	Effects of â€œJet Lagâ€•on Hormonal Patterns. I. Procedures, Variations in Total Plasma Proteins, and Disruption of Adrenocorticotropin-Cortisol Periodicity*. Journal of Clinical Endocrinology and Metabolism, 1981, 52, 628-641.	1.8	115
54	Transsphenoidal Surgery for Cushing Disease. Neurosurgery, 2012, 70, 70-81.	0.6	114

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55	Thyroid hormone mediated changes in gene expression can be initiated by cytosolic action of the thyroid hormone receptor Î² through the phosphatidylinositol 3-kinase pathway. Nuclear Receptor Signaling, 2006, 4, nrs.04020.	1.0	113
56	Attention-deficit hyperactivity disorder and thyroid function. Journal of Pediatrics, 1993, 123, 539-545.	0.9	111
57	Effects of ligand and thyroid hormone receptor isoforms on hepatic gene expression profiles of thyroid hormone receptor knockout mice. EMBO Reports, 2003, 4, 581-587.	2.0	110
58	Diiodothyropropionic Acid (DITPA) in the Treatment of MCT8 Deficiency. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4515-4523.	1.8	110
59	Retrospective and prospective study of radiation-induced thyroid disease. American Journal of Medicine, 1983, 74, 852-862.	0.6	109
60	Regulation of Glycosaminoglycan Synthesis by Thyroid Hormone in Vitro. Journal of Clinical Investigation, 1982, 70, 1066-1073.	3.9	108
61	A Lack of Thyroid Hormones Rather than Excess Thyrotropin Causes Abnormal Skeletal Development in Hypothyroidism. Molecular Endocrinology, 2008, 22, 501-512.	3.7	107
62	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, 2381-2387.	1.4	105
63	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, 1028-1035.	3.9	105
64	Reduced nuclear triiodothyronine receptors in starvation-induced hypothyroidism. Biochemical and Biophysical Research Communications, 1977, 79, 173-178.	1.0	102
65	THE ACTION OF THYROID HORMONE. Clinical Endocrinology, 1977, 6, 227-249.	1.2	102
66	Multifactorial control of the 24-hour secretory profiles of pituitary hormones. Journal of Endocrinological Investigation, 1985, 8, 381-391.	1.8	101
67	Hypogonadism Induced by a Transplantable, Prolactin-Producing Tumor in Male Rats: Hormonal and Morphological Studies¹. Endocrinology, 1974, 95, 991-998.	1.4	100
68	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, 4003-4009.	1.8	100
69	Thyroid hormone action in the absence of thyroid hormone receptor DNA-binding in vivo. Journal of Clinical Investigation, 2003, 112, 588-597.	3.9	100
70	Inherited defects of thyroxine-binding proteins. Best Practice and Research in Clinical Endocrinology and Metabolism, 2015, 29, 735-747.	2.2	96
71	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, 2816-2820.	1.8	95
72	A Thyroid Hormone Analog with Reduced Dependence on the Monocarboxylate Transporter 8 for Tissue Transport. Endocrinology, 2009, 150, 4450-4458.	1.4	95

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73	Homozygous Thyroid Hormone Receptor Î²-Gene Mutations in Resistance to Thyroid Hormone: Three New Cases and Review of the Literature. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 1328-1336.	1.8	93
74	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.	3.3	93
75	Partial deficiency of Thyroid transcription factor 1 produces predominantly neurological defects in humans and mice. Journal of Clinical Investigation, 2002, 109, 469-473.	3.9	93
76	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, 1266-1272.	1.8	91
77	Aberrant Alternative Splicing of Thyroid Hormone Receptor in a TSH-Secreting Pituitary Tumor Is A Mechanism for Hormone Resistance. Molecular Endocrinology, 2001, 15, 1529-1538.	3.7	91
78	EFFECT OF THYROID HORMONE ON GROWTH. Endocrinology and Metabolism Clinics of North America, 1996, 25, 719-730.	1.2	89
79	Thyrotropin Regulation by Thyroid Hormone in Thyroid Hormone Receptor Î²-Deficient Mice¹. Endocrinology, 1997, 138, 3624-3629.	1.4	89
80	Xâ€“linked paroxysmal dyskinesia and severe global retardation caused by defective MCT8 gene. Journal of Neurology, 2005, 252, 663-666.	1.8	89
81	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, 4345-4348.	3.3	88
82	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, 740-746.	1.8	86
83	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, 1408-1421.	3.7	86
84	Tissue-Specific Posttranslational Modification Allows Functional Targeting of Thyrotropin. Cell Reports, 2014, 9, 801-809.	2.9	84
85	The pathogenic role of anti-thyroglobulin antibody on pregnancy: evidence from an active immunization model in mice. Human Reproduction, 2003, 18, 1094-1099.	0.4	83
86	Mice Deficient in Dual Oxidase Maturation Factors Are Severely Hypothyroid. Molecular Endocrinology, 2012, 26, 481-492.	3.7	83
87	Study of Four New Kindreds with Inherited Thyroxine-Binding Globulin Abnormalities POSSIBLE MUTATIONS OF A SINGLE GENE LOCUS. Journal of Clinical Investigation, 1972, 51, 848-867.	3.9	83
88	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.	1.8	83
89	Metabolism of L-Thyroxine (T₄) and L-Triiodothyronine (T₃) by Human Fibroblasts in Tissue Culture: Evidence for Cellular Binding Proteins and Conversion of T₄to T₃. Endocrinology, 1972, 91, 934-947.	1.4	82
90	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, 349-354.	3.3	82

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91	Type 3 Deiodinase Deficiency Results in Functional Abnormalities at Multiple Levels of the Thyroid Axis. Endocrinology, 2007, 148, 5680-5687.	1.4	82
92	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, 488-491.	1.0	80
93	Dominant Role of Thyrotropin-releasing Hormone in the Hypothalamic-Pituitary-Thyroid Axis. Journal of Biological Chemistry, 2006, 281, 5000-5007.	1.6	80
94	Resistance to Thyroid Hormone Caused by Two Mutant Thyroid Hormone Receptors Î², R243Q and R243W, with Marked Impairment of Function That Cannot Be Explained by Alteredin Vitro3,5,3â€²-Triiodothyroinine Binding Affinity¹. Journal of Clinical Endocrinology and Metabolism, 1997, 82, 1608-1614.	1.8	79
95	Thyroid Dysfunction Is Not Associated with Alterations in Serum Leptin Levels. Thyroid, 1997, 7, 407-409.	2.4	78
96	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.	3.9	77
97	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, 887-894.	2.4	76
98	Effects of â€œJet Lagâ€•on Hormonal Patterns. III. Demonstration of an Intrinsic Circadian Rhythmicity in Plasma Prolactin*. Journal of Clinical Endocrinology and Metabolism, 1982, 55, 849-857.	1.8	75
99	Thyrocyte-specific inactivation of p53 and Pten results in anaplastic thyroid carcinomas faithfully recapitulating human tumors. Oncotarget, 2011, 2, 1109-1126.	0.8	75
100	Thyroid Hormone Responsive Genes in Cultured Human Fibroblasts. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 936-943.	1.8	74
101	Thyroid Transcription Factor 1 Rescues PAX8/p300 Synergism Impaired by a Natural PAX8 Paired Domain Mutation with Dominant Negative Activity. Molecular Endocrinology, 2005, 19, 1779-1791.	3.7	74
102	Suppression of Serum Thyrotropin (TSH) by<scp>l</scp>-Dopa in Chronic Hypothyroidism: Interrelationships in the Regulation of TSH and Prolactin Secretion1. Journal of Clinical Endocrinology and Metabolism, 1973, 36, 256-262.	1.8	72
103	Effects of â€œJet Lag â€•on Hormonal Patterns. II. Adaptation of Melatonin Circadian Periodicity*. Journal of Clinical Endocrinology and Metabolism, 1981, 52, 642-649.	1.8	72
104	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, 1825-1831.	3.9	72
105	An Identical Missense Mutation in the Albumin Gene Results in Familial Dysalbuminemic Hyperthyroxinemia in Eight Unrelated Families. Biochemical and Biophysical Research Communications, 1994, 202, 781-787.	1.0	71
106	Five New Families with Resistance to Thyroid Hormone not Caused by Mutations in the Thyroid Hormone Receptor Î² Gene1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 3919-3928.	1.8	71
107	Effects of â€œJet Lagâ€•on Hormonal Patterns. IV. Time Shifts Increase Growth Hormone Release*. Journal of Clinical Endocrinology and Metabolism, 1983, 56, 433-440.	1.8	69
108	Selenium Supplementation Fails to Correct the Selenoprotein Synthesis Defect in Subjects with SBP2 Gene Mutations. Thyroid, 2009, 19, 277-281.	2.4	69

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109	Distinct Roles of Deiodinases on the Phenotype of Mct8 Defect: A Comparison of Eight Different Mouse Genotypes. Endocrinology, 2011, 152, 1180-1191.	1.4	69
110	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, 1083-1090.	1.4	68
111	Delineation of the Discontinuous-Conformational Epitope of a Monoclonal Antibody Displaying Fullin Vitroandin VivoThyrotropin Activity. Molecular Endocrinology, 2004, 18, 3020-3034.	3.7	67
112	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-E963.	1.8	66
113	Changes in Thyroid Status During Perinatal Development of MCT8-Deficient Male Mice. Endocrinology, 2013, 154, 2533-2541.	1.4	66
114	Thyroid Function in a Uremic Rat Model. Journal of Clinical Investigation, 1980, 66, 946-954.	3.9	66
115	Two Different Mutations in the Thyroid Peroxidase Gene of a Large Inbred Amish Kindred: Power and Limits of Homozygosity Mapping1. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 1061-1071.	1.8	64
116	Low TSH Requirement and Goiter in Transgenic Mice Overexpressing IGF-I and IGF-I Receptor in the Thyroid Gland. Endocrinology, 2001, 142, 5131-5139.	1.4	64
117	Treatment of Resistance to Thyroid Hormone--Primum Non Nocere. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 401-404.	1.8	64
118	Syndromes of thyroid hormone resistance. American Journal of Physiology - Endocrinology and Metabolism, 1982, 243, E88-E98.	1.8	63
119	Treatment of Resistance to Thyroid Hormoneâ€"Primum Non Nocere. Journal of Clinical Endocrinology and Metabolism, 1999, 84, 401-404.	1.8	63
120	The Value of Serum Thyroglobulin Measurement in Clinical Practice. JAMA - Journal of the American Medical Association, 1983, 250, 2352.	3.8	62
121	Resistance to thyrotropin. Journal of Endocrinological Investigation, 2003, 26, 770-779.	1.8	62
122	Identification of a Functional Polymorphism of the Human Type 5 17Î²-Hydroxysteroid Dehydrogenase Gene Associated with Polycystic Ovary Syndrome. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 270-276.	1.8	62
123	Classification and Proposed Nomenclature for Inherited Defects of Thyroid Hormone Action, Cell Transport, and Metabolism*. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 768-770.	1.8	62
124	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, 269-277.	1.8	61
125	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, 1344-1348.	3.9	61
126	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, 280-286.	1.4	60

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127	Variant thyroxine-binding globulin in serum of Australian Aborigines: its physical, chemical and biological properties. Journal of Endocrinological Investigation, 1985, 8, 225-232.	1.8	60
128	Mutations in the sodium/iodide symporter (NIS) gene as a cause for iodide transport defects and congenital hypothyroidism. Biochimie, 1999, 81, 469-476.	1.3	60
129	Thyroid Hormone Receptor Î± and Regulation of Type 3 Deiodinase. Molecular Endocrinology, 2011, 25, 575-583.	3.7	60
130	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, 389-393.	2.4	58
131	White matter abnormalities and dystonic motor disorder associated with mutations in the SLC16A2 gene. Developmental Medicine and Child Neurology, 2010, 52, 475-482.	1.1	58
132	Autoimmunity in Patients with Resistance to Thyroid Hormone. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3189-3193.	1.8	58
133	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, 607-615.	3.9	58
134	Approach to the Patient with Resistance to Thyroid Hormone and Pregnancy. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3094-3102.	1.8	57
135	SWI/SNF Complex Mutations Promote Thyroid Tumor Progression and Insensitivity to Redifferentiation Therapies. Cancer Discovery, 2021, 11, 1158-1175.	7.7	57
136	Thyroid Hormone Action on Liver, Heart, and Energy Expenditure in Thyroid Hormone Receptor Â-Deficient Mice. Endocrinology, 1998, 139, 4945-4952.	1.4	57
137	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.	1.8	57
138	Familial Thyroxine-Binding Globulin Deficiency in a Patient with Turner's Syndrome (XO). New England Journal of Medicine, 1968, 278, 1081-1087.	13.9	56
139	Congenital Central Isolated Hypothyroidism Caused by a Homozygous Mutation in the TSH-Î² Subunit Gene. Thyroid, 2000, 10, 387-391.	2.4	56
140	Search for Abnormalities of Nuclear Corepressors, Coactivators, and a Coregulator in Families with Resistance to Thyroid Hormone without Mutations in Thyroid Hormone Receptor Î² or Î± Genes¹. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 3609-3617.	1.8	56
141	Negative regulation by thyroid hormone receptor requires an intact coactivator-binding surface. Journal of Clinical Investigation, 2005, 115, 2517-2523.	3.9	56
142	Disappearance Rate of Endogenous and Exogenous Human Growth Hormone in Man. Journal of Clinical Endocrinology and Metabolism, 1970, 30, 386-392.	1.8	55
143	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, 822-834.	1.5	55
144	Replacement of Leu²²⁷by 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, 804-809.	1.8	55

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145	Hypothyroidism in Thyroid Transcription Factor 1 Haploinsufficiency Is Caused by Reduced Expression of the Thyroid-Stimulating Hormone Receptor. Molecular Endocrinology, 2003, 17, 2295-2302.	3.7	55
146	Failure of Membrane Targeting Causes the Functional Defect of Two Mutant Sodium Iodide Symporters¹. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 2366-2369.	1.8	54
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