P R Larsen

List of Publications by Year in descending order

184 papers	19,928 citations	7069 78 h-index	11030 137 g-index
188 all docs	188 docs citations	188 times ranked	6441 citing authors

#	Article	IF	Citations
1	Thyroid Hormone Promotes Postnatal Rat Pancreatic Î²-Cell Development and Glucose-Responsive Insulin Secretion Through MAFA. Diabetes, 2013, 62, 1569-1580.	0.3	120
2	Response: Re: Thyroid Dysfunction from Antineoplastic Agents. Journal of the National Cancer Institute, 2012, 104, 423-423.	3.0	1
3	Physiological role and regulation of iodothyronine deiodinases: A 2011 update. Journal of Endocrinological Investigation, 2011, 34, 395-407.	1.8	75
4	Thyroxine-induced expression of pyroglutamyl peptidase II and inhibition of TSH release precedes suppression of TRH mRNA and requires type 2 deiodinase. Journal of Endocrinology, 2011, 211, 73-78.	1.2	32
5	Type-2 Iodothyronine 5â€²Deiodinase (D2) in Skeletal Muscle of C57Bl/6 Mice. II. Evidence for a Role of D2 in the Hypermetabolism of Thyroid Hormone Receptor Î±-Deficient Mice. Endocrinology, 2011, 152, 3093-3102.	1.4	31
6	Thyroid Dysfunction from Antineoplastic Agents. Journal of the National Cancer Institute, 2011, 103, 1572-1587.	3.0	143
7	Sonic hedgehog-induced type 3 deiodinase blocks thyroid hormone action enhancing proliferation of normal and malignant keratinocytes. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 14466-14471.	3.3	149
8	Overexpression of Type 2 Iodothyronine Deiodinase in Follicular Carcinoma as a Cause of Low Circulating Free Thyroxine Levels. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 594-598.	1.8	65
9	Transcriptional regulation of iodothyronine deiodinases during embryonic development. Molecular and Cellular Endocrinology, 2001, 183, 1-9.	1.6	69
10	Regional physiological adaptation of the central nervous system deiodinases to iodine deficiency. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E54-E61.	1.8	69
11	The Human Type 2 Iodothyronine Deiodinase Is a Selenoprotein Highly Expressed in a Mesothelioma Cell Line. Journal of Biological Chemistry, 2001, 276, 30183-30187.	1.6	87
12	Relation of severity of maternal hypothyroidism to cognitive development of offspring. Journal of Medical Screening, 2001, 8, 18-20.	1.1	120
13	Type 2 Iodothyronine Deiodinase Transgene Expression in the Mouse Heart Causes Cardiac-Specific Thyrotoxicosis1. Endocrinology, 2001, 142, 13-20.	1.4	59
14	The Human, but Not Rat, dio2 Gene Is Stimulated by Thyroid Transcription Factor-1 (TTF-1). Molecular Endocrinology, 2001, 15, 112-124.	3.7	62
15	The type 2 iodothyronine deiodinase is essential for adaptive thermogenesis in brown adipose tissue. Journal of Clinical Investigation, 2001, 108, 1379-1385.	3.9	271
16	DARPP-32 and CREB are present in type 2 iodothyronine deiodinase-producing tanycytes: implications for the regulation of type 2 deiodinase activity. Brain Research, 2000, 862, 154-161.	1.1	34
17	The Role of Selenocysteine 133 in Catalysis by the Human Type 2 Iodothyronine Deiodinase1. Endocrinology, 2000, 141, 4606-4612.	1.4	53
18	Characterization of the 5â€²-Flanking and 5â€²-Untranslated Regions of the Cyclic Adenosine 3â€²,5â€²-Monophosphate-Responsive Human Type 2 Iodothyronine Deiodinase Gene1. Endocrinology, 2000, 141, 229-237.	1.4	101

#	Article	IF	Citations
19	Selective Proteolysis of Human Type 2 Deiodinase: A Novel Ubiquitin-Proteasomal Mediated Mechanism for Regulation of Hormone Activation. Molecular Endocrinology, 2000, 14, 1697-1708.	3.7	140
20	Distinct Subcellular Localization of Transiently Expressed Types 1 and 2 Iodothyronine Deiodinases as Determined by Immunofluorescence Confocal Microscopy. Endocrinology, 2000, 141, 4309-4312.	1.4	110
21	Substrate-Induced Down-Regulation of Human Type 2 Deiodinase (hD2) Is Mediated through Proteasomal Degradation and Requires Interaction with the Enzymeâ€™s Active Center1. Endocrinology, 2000, 141, 1127-1135.	1.4	98
22	Severe Hypothyroidism Caused by Type 3 Iodothyronine Deiodinase in Infantile Hemangiomas. New England Journal of Medicine, 2000, 343, 185-189.	13.9	486
23	Regional Expression of the Type 3 Iodothyronine Deiodinase Messenger Ribonucleic Acid in the Rat Central Nervous System and Its Regulation by Thyroid Hormone*. Endocrinology, 1999, 140, 784-790.	1.4	167
24	Thyroid Hormone Regulates Hyperpolarization-Activated Cyclic Nucleotide-Gated Channel (HCN2) mRNA in the Rat Heart. Circulation Research, 1999, 85, 498-503.	2.0	76
25	Cloning and Expression of the Chicken Type 2 Iodothyronine 5â€²-Deiodinase. Journal of Biological Chemistry, 1999, 274, 13768-13776.	1.6	70
26	Mutation of the Secys residue 266 in human type 2 selenodeiodinase alters 75Se incorporation without affecting its biochemical properties. Biochimie, 1999, 81, 535-538.	1.3	39
27	The 3â€²-Untranslated Region of Human Type 2 Iodothyronine Deiodinase mRNA Contains a Functional Selenocysteine Insertion Sequence Element. Journal of Biological Chemistry, 1998, 273, 33374-33378.	1.6	68
28	Further Characterization of Thyroid Hormone Response Elements in the Human Type 1 Iodothyronine Deiodinase Gene¹. Endocrinology, 1998, 139, 1156-1163.	1.4	58
29	Studies of the Hormonal Regulation of Type 2 5â€²-Iodothyronine Deiodinase Messenger Ribonucleic Acid in Pituitary Tumor Cells Using Semiquantitative Reverse Transcription-Polymerase Chain Reaction**This work was supported by NIH Grant DK-36256.. Endocrinology, 1998, 139, 4895-4905.	1.4	69
30	The Guanosine Monophosphate Reductase Gene Is Conserved in Rats and Its Expression Increases Rapidly in Brown Adipose Tissue during Cold Exposure. Journal of Biological Chemistry, 1998, 273, 31092-31096.	1.6	27
31	Type 2 iodothyronine deiodinase in rat pituitary tumor cells is inactivated in proteasomes.. Journal of Clinical Investigation, 1998, 102, 1895-1899.	3.9	95
32	Structure-Activity Relationships for Thyroid Hormone Deiodination by Mammalian Type I Iodothyronine Deiodinases1. Endocrinology, 1997, 138, 213-219.	1.4	53
33	The Role of the Active Site Cysteine in Catalysis by Type 1 Iodothyronine Deiodinase*. Endocrinology, 1997, 138, 5452-5458.	1.4	27
34	Van Meter Prize of the American Thyroid Association to Gregory Brent. Thyroid, 1997, 7, 153-154.	2.4	0
35	Regional Distribution of Type 2 Thyroxine Deiodinase Messenger Ribonucleic Acid in Rat Hypothalamus and Pituitary and Its Regulation by Thyroid Hormone*. Endocrinology, 1997, 138, 3359-3368.	1.4	267
36	Update on the human iodothyronine selenodeiodinases, the enzymes regulating the activation and inactivation of thyroid hormone. Biochemical Society Transactions, 1997, 25, 588-592.	1.6	30

#	Article	IF	Citations
37	In Vivo Genomic Footprinting of Thyroid Hormone-Responsive Genes in Pituitary Tumor Cell Lines. Molecular and Cellular Biology, 1996, 16, 4465-4477.	1.1	22
38	Is There a Negative TRE in the Luciferase Reporter cDNA?. Thyroid, 1996, 6, 325-328.	2.4	27
39	Characterization of the Promoter of the Rat Sarcoplasmic Endoplasmic Reticulum Ca2+-ATPase 1 Gene and Analysis of Thyroid Hormone Responsiveness. Journal of Biological Chemistry, 1996, 271, 32048-32056.	1.6	52
40	Molecular biological and biochemical characterization of the human type 2 selenodeiodinase.. Endocrinology, 1996, 137, 3308-3315.	1.4	241
41	The structure of the coding and 5'-flanking region of the type 1 iodothyronine deiodinase (dio1) gene is normal in a patient with suspected congenital dio1 deficiency.. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 2121-2124.	1.8	6
42	Type 2 iodothyronine deiodinase is highly expressed in human thyroid.. Journal of Clinical Investigation, 1996, 98, 962-968.	3.9	174
43	A Novel Retinoid X Receptor-Independent Thyroid Hormone Response Element Is Present in the Human Type 1 Deiodinase Gene. Molecular and Cellular Biology, 1995, 15, 5100-5112.	1.1	129
44	Effect of 3,5,3'-Triiodothyronine (T3) administration on dio1 gene expression and T3 metabolism in normal and type 1 deiodinase-deficient mice.. Endocrinology, 1995, 136, 4842-4849.	1.4	56
45	The American Thyroid Association: D'oÃ¹ Venons Nous? Que Sommes Nous? OÃ¹ Allons Nous? (Whence) Tj ETQq1 1 0.784314 rgBT /Ov	2.4	11
46	Prospective Studies of Thyroid Function in Patients Receiving Gold Therapy. Thyroid, 1995, 5, 113-116.	2.4	3
47	Topological Analysis of the Integral Membrane Protein, Type 1 Iodothyronine Deiodinase (D1). Journal of Biological Chemistry, 1995, 270, 12310-12318.	1.6	91
48	Pituitary cells respond to thyroid hormone by discrete, gene-specific pathways.. Endocrinology, 1995, 136, 1488-1494.	1.4	26
49	Structural and functional differences in the dio1 gene in mice with inherited type 1 deiodinase deficiency.. Molecular Endocrinology, 1995, 9, 969-980.	3.7	65
50	Nutritional and Hormonal Regulation of Thyroid Hormone Deiodinases. Annual Review of Nutrition, 1995, 15, 323-352.	4.3	153
51	Type 3 Iodothyronine deiodinase: cloning, in vitro expression, and functional analysis of the placental selenoenzyme.. Journal of Clinical Investigation, 1995, 96, 2421-2430.	3.9	173
52	Review of Antithyroid Drug Use During Pregnancy and Report of a Case of Aplasia Cutis. Thyroid, 1994, 4, 129-133.	2.4	135
53	Type I Iodothyronine Deiodinase: Unexpected Complexities in a Simple Deiodination Reaction. Thyroid, 1994, 4, 357-362.	2.4	8
54	Activation and inactivation of thyroid hormone by type I iodothyronine deiodinase. FEBS Letters, 1994, 344, 143-146.	1.3	62

#	Article	IF	Citations
55	Maternal and Fetal Thyroid Function. New England Journal of Medicine, 1994, 331, 1072-1078.	13.9	613
56	Identification of critical amino acids for 3,5,3'-triiodothyronine deiodination by human type 1 deiodinase based on comparative functional-structural analyses of the human, dog, and rat enzymes. Journal of Biological Chemistry, 1994, 269, 20329-34.	1.6	29
57	Levothyroxine Therapy in Patients with Thyroid Disease. Annals of Internal Medicine, 1993, 119, 492.	2.0	286
58	The type I iodothyronine 5'-deiodinase messenger ribonucleic acid is localized to the S3 segment of the rat kidney proximal tubule.. Endocrinology, 1993, 132, 2136-2140.	1.4	31
59	Dominant negative inhibition by mutant thyroid hormone receptors is thyroid hormone response element and receptor isoform specific.. Molecular Endocrinology, 1993, 7, 1319-1330.	3.7	55
60	Physiological and genetic analyses of inbred mouse strains with a type I iodothyronine 5' deiodinase deficiency.. Journal of Clinical Investigation, 1993, 92, 1517-1528.	3.9	78
61	Functional characterization of the eukaryotic SECIS elements which direct selenocysteine insertion at UGA codons. EMBO Journal, 1993, 12, 3315-22.	3.5	132
62	Cloning and in vitro expression of the human selenoprotein, type I iodothyronine deiodinase.. Journal of Clinical Endocrinology and Metabolism, 1992, 75, 1133-1139.	1.8	92
63	Substitution of cysteine for selenocysteine in type I iodothyronine deiodinase reduces the catalytic efficiency of the protein but enhances its translation.. Endocrinology, 1992, 131, 1848-1852.	1.4	109
64	Capacity for cooperative binding of thyroid hormone (T3) receptor dimers defines wild type T3 response elements.. Molecular Endocrinology, 1992, 6, 502-514.	3.7	67
65	The Role of Selenium in Thyroid Hormone Action*. Endocrine Reviews, 1992, 13, 207-219.	8.9	86
66	Commentary: Monitoring Thyroxine Treatment During Pregnancy. Thyroid, 1992, 2, 153-154.	2.4	20
67	Differential capacity of wild type promoter elements for binding and trans-activation by retinoic acid and thyroid hormone receptors.. Molecular Endocrinology, 1992, 6, 1527-1537.	3.7	51
68	Antiestrogens stimulate expression of transiently transfected and endogenous genes in rat pituitary tumor cell lines. Molecular and Cellular Endocrinology, 1991, 77, 133-140.	1.6	0
69	Thyroid Hormone Regulation of Gene Expression. Annual Review of Physiology, 1991, 53, 17-35.	5.6	210
70	Triiodothyronine causes rapid reversal of Î±1/cyclic adenosine monophosphate synergism on brown adipocyte respiration and type II deiodinase activity. Metabolism: Clinical and Experimental, 1991, 40, 1327-1332.	1.5	11
71	Photoaffinity Labeling of Rat Type I Iodothyronine Deiodinase*. Endocrinology, 1991, 129, 1042-1048.	1.4	3
72	Type I iodothyronine deiodinase is a selenocysteine-containing enzyme. Nature, 1991, 349, 438-440.	13.7	854

#	Article	IF	Citations
73	Recognition of UGA as a selenocysteine codon in Type I deiodinase requires sequences in the 3â€² untranslated region. Nature, 1991, 353, 273-276.	13.7	619
74	Effects of Varying the Position of Thyroid Hormone Response Elements within the Rat Growth Hormone Promoter: Implications for Positive and Negative Regulation by 3,5,3â€²-Triiodothyronine. Molecular Endocrinology, 1991, 5, 542-548.	3.7	64
75	Evidence that Cysteine, not Selenocysteine, is in the Catalytic Site of Type II Iodothyronine Deiodinase. Endocrinology, 1991, 129, 550-552.	1.4	73
76	Selenocysteine confers the biochemical properties characteristic of the type I iodothyronine deiodinase. Journal of Biological Chemistry, 1991, 266, 14155-8.	1.6	129
77	Direct repeats. Nature, 1990, 345, 584-584.	13.7	0
78	Thyroid Hormone Regulates Type I Deiodinase Messenger RNA in Rat Liver. Molecular Endocrinology, 1990, 4, 743-748.	3.7	109
79	Increased Need for Thyroxine during Pregnancy in Women with Primary Hypothyroidism. New England Journal of Medicine, 1990, 323, 91-96.	13.9	356
80	Effect of thyroid status on catecholamine stimulation of thyroxine 5'-deiodinase in brown adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 1989, 256, E74-E79.	1.8	8
81	Î±1- and Î²-Adrenergic Agents Cause Synergistic Stimulation of the Iodothyronine Deiodinase in Rat Brown Adipocytes*. Endocrinology, 1989, 125, 2502-2509.	1.4	63
82	Identification of a thyroid hormone receptor that is pituitary-specific. Science, 1989, 244, 76-79.	6.0	494
83	Maternal Thyroxine and Congenital Hypothyroidism. New England Journal of Medicine, 1989, 321, 44-46.	13.9	35
84	Mutations of the Rat Growth Hormone Promoter which Increase and Decrease Response to Thyroid Hormone Define a Consensus Thyroid Hormone Response Element. Molecular Endocrinology, 1989, 3, 1996-2004.	3.7	239
85	Inhibition of thyroid hormone action by a non-hormone binding c-erbA protein generated by alternative mRNA splicing. Nature, 1989, 337, 659-661.	13.7	440
86	The Pituitary-Thyroid Regulatory System. Advances in Experimental Medicine and Biology, 1989, 261, 11-26.	0.8	7
87	Functional characterization of the rat growth hormone promoter elements required for induction by thyroid hormone with and without a co-transfected Î² type thyroid hormone receptor. Journal of Biological Chemistry, 1989, 264, 178-182.	1.6	175
88	Thyroid hormone aporeceptor represses T3-inducible promoters and blocks activity of the retinoic acid receptor. The New Biologist, 1989, 1, 329-36.	2.8	69
89	Functional characterization of the rat growth hormone promoter elements required for induction by thyroid hormone with and without a co-transfected beta type thyroid hormone receptor. Journal of Biological Chemistry, 1989, 264, 178-82.	1.6	124
90	Multihormonal Regulation of the Human, Rat, and Bovine Growth Hormone Promoters: Differential Effects of 3â€²,5â€²-Cyclic Adenosine Monophosphate, Thyroid Hormone, and Glucocorticoids. Molecular Endocrinology, 1988, 2, 792-798.	3.7	94

#	Article	IF	Citations
91	Multiple sequences encoding potential thyroid hormone receptors isolated from mouse skeletal muscle cDNA libraries. Nucleic Acids Research, 1988, 16, 6248-6248.	6.5	66
92	Isolation of a cDNA clone encoding a biologically active thyroid hormone receptor.. Proceedings of the National Academy of Sciences of the United States of America, 1988, 85, 5031-5035.	3.3	222
93	Immunometric assays may underestimate thyrotropin concentrations in sera from infants with congenital hypothyroidism.. Clinical Chemistry, 1988, 34, 2182-2182.	1.5	1
94	Phorbol esters, protein kinase C, and thyroxine 5'-deiodinase in brown adipocytes. American Journal of Physiology - Endocrinology and Metabolism, 1988, 254, E323-E327.	1.8	10
95	Thyroid hormone metabolism in the central nervous system. Vienna Clinical Weekly, 1988, 15 Suppl 1, 5-10.	0.9	0
96	Comparison of Kidney and Brown Adipose Tissue Iodothyronine 5â€²-Deiodinases*. Endocrinology, 1987, 121, 650-656.	1.4	28
97	Revised Nomenclature for Tests of Thyroid Hormones and Thyroid-Related Proteins in Serum.. Journal of Clinical Endocrinology and Metabolism, 1987, 64, 1089-1094.	1.8	59
98	Thyroid hormone receptor binds to a site in the rat growth hormone promoter required for induction by thyroid hormone.. Proceedings of the National Academy of Sciences of the United States of America, 1987, 84, 5670-5674.	3.3	190
99	The regional hypothalamic distribution of type II 5â€²-monodeiodinase in euthyroid and hypothyroid rats. Brain Research, 1987, 420, 194-198.	1.1	84
100	Insulin stimulation of iodothyronine 5â€²-deiodinase in rat brown adipocytes. Biochemical and Biophysical Research Communications, 1987, 143, 81-86.	1.0	28
101	Repression mediates cell-type-specific expression of the rat growth hormone gene.. Proceedings of the National Academy of Sciences of the United States of America, 1986, 83, 8283-8287.	3.3	109
102	Plasma T4 and T3 levels in naturally metamorphosing Eurycea bislineata (Amphibia; Plethodontidae). General and Comparative Endocrinology, 1986, 61, 153-163.	0.8	39
103	The Role of 3,3â€²,5â€²-Triiodothyronine in the Regulation of Type II Iodothyronine 5â€²-Deiodinase in the Rat Cerebral Cortex*. Endocrinology, 1986, 119, 2186-2192.	1.4	37
104	Sequences required for cell-type specific thyroid hormone regulation of rat growth hormone promoter activity.. Journal of Biological Chemistry, 1986, 261, 14373-14376.	1.6	85
105	Interrelationships among thyroxine, growth hormone, and the sympathetic nervous system in the regulation of 5'-iodothyronine deiodinase in rat brown adipose tissue.. Journal of Clinical Investigation, 1986, 77, 1214-1223.	3.9	73
106	Sequences required for cell-type specific thyroid hormone regulation of rat growth hormone promoter activity. Journal of Biological Chemistry, 1986, 261, 14373-6.	1.6	50
107	In Vitro3,5,3â€²-Triiodothyronine Binding to Rat Cerebrocortical Neuronal and Glial Nuclei Suggests the Presence of Binding Sites Unavailable in Vivo*. Endocrinology, 1985, 116, 2019-2028.	1.4	33
108	Plasma Kinetics, Tissue Distribution, and Cerebrocortical Sources of Reverse Triiodothyronine in the Rat*. Endocrinology, 1985, 116, 2192-2200.	1.4	13

#	Article	IF	Citations
109	Thyroid hormone metabolism in primary cultures of fetal rat brain cells. Brain Research, 1985, 327, 1-13.	1.1	62
110	Potential of brown adipose tissue type II thyroxine 5'-deiodinase as a local and systemic source of triiodothyronine in rats.. Journal of Clinical Investigation, 1985, 76, 2296-2305.	3.9	189
111	Oral Thyroxine: Variation in Biologic Action and Tablet Content. Annals of Internal Medicine, 1984, 100, 641.	2.0	39
112	Acute Posttranscriptional Regulation of Cerebrocortical and Pituitary Iodothyronine 5â€²-Deiodinases by Thyroid Hormone[*]. Endocrinology, 1984, 114, 998-1004.	1.4	111
113	Regulation of Thyroxine 5â€²-Deiodinase Activity by 3,5,3â€²-Triiodothyronine in Cultured Rat Anterior Pituitary Cells*. Endocrinology, 1984, 115, 324-329.	1.4	52
114	Phorbol esters as probes of the regulation of thyrotropin secretion. Biochemical and Biophysical Research Communications, 1984, 125, 353-359.	1.0	13
115	Qualitative and quantitative differences in the pathways of extrathyroidal triiodothyronine generation between euthyroid and hypothyroid rats.. Journal of Clinical Investigation, 1984, 73, 898-907.	3.9	106
116	Adrenergic activation of triiodothyronine production in brown adipose tissue. Nature, 1983, 305, 712-713.	13.7	381
117	THYROXINE 5â€²-DEIODINASE ACTIVITY IN BROWN ADIPOSE TISSUE. Endocrinology, 1983, 112, 1153-1155.	1.4	208
118	Evidence for Two Pathways of Iodothyronine 5â€²-Deiodination in Rat Pituitary That Differ in Kinetics, Propylthiouracil Sensitivity, and Response to Hypothyroidism. Journal of Clinical Investigation, 1983, 71, 992-1002.	3.9	178
119	Thyroid-Pituitary Interaction. New England Journal of Medicine, 1982, 306, 23-32.	13.9	337
120	Kinetic evidence suggesting two mechanisms for iodothyronine 5'-deiodination in rat cerebral cortex.. Proceedings of the National Academy of Sciences of the United States of America, 1982, 79, 5080-5084.	3.3	222
121	Subcellular distribution of iodothyronine 5â€²-deiodinase in cerebral cortex from hypothyroid rats. Biochimica Et Biophysica Acta - General Subjects, 1982, 718, 109-119.	1.1	29
122	Bioavailability of thyroid hormones from oral replacement preparations. Metabolism: Clinical and Experimental, 1982, 31, 900-905.	1.5	81
123	An Analysis of the Sources and Quantity of 3,5,3â€²-Triiodothyronine Specifically Bound to Nuclear Receptors in Rat Cerebral Cortex and Cerebellum*. Endocrinology, 1982, 110, 367-375.	1.4	327
124	Prevalence of abnormal thyroid function test results in patients with acute medical illnesses. American Journal of Medicine, 1982, 72, 9-16.	0.6	169
125	Evidence for Two Tissue-specific Pathways for In Vivo Thyroxine 5â€²-Deiodination in the Rat. Journal of Clinical Investigation, 1982, 69, 1176-1184.	3.9	136
126	Comparison of Iodothyronine 5â€²-Deiodinase and Other Thyroid-Hormone-dependent Enzyme Activities in the Cerebral Cortex of Hypothyroid Neonatal Rat. Journal of Clinical Investigation, 1982, 70, 1110-1123.	3.9	108

#	Article	IF	Citations
127	Different pathways of iodothyronine 5â€²-deiodination in rat cerebral cortex. Biochemical and Biophysical Research Communications, 1981, 101, 1297-1304.	1.0	61
128	Anatomical Distribution of Phenolic and Tyrosyl Ring Iodothyronine Deiodinases in the Nervous System of Normal and Hypothyroid Rats*. Endocrinology, 1981, 109, 397-402.	1.4	74
129	Cerebral cortex responds rapidly to thyroid hormones. Science, 1981, 214, 571-573.	6.0	203
130	Evidence for a Possible Role for Ca++in the 3,5,3â€™-Triiodothyronine Inhibition of Thyrotropin-Releasing Hormone-Induced Secretion of Thyrotropin by Rat Anterior Pituitaryin Vitro*. Endocrinology, 1981, 108, 1690-1696.	1.4	17
131	Neonatal Thyroid Function after Propylthiouracil Therapy for Maternal Graves' Disease. New England Journal of Medicine, 1981, 304, 525-528.	13.9	160
132	Relationships between Circulating and Intracellular Thyroid Hormones: Physiological and Clinical Implications*. Endocrine Reviews, 1981, 2, 87-102.	8.9	548
133	Starvation in the rat. II. Effect of age and obesity on protein sparing and fuel metabolism. American Journal of Physiology - Endocrinology and Metabolism, 1980, 239, E277-E277.	1.8	95
134	Direct Radioimmunoassay of Nuclear 3,5,3â€² Triiodothyronine in Rat Anterior Pituitary. Journal of Clinical Investigation, 1980, 65, 675-681.	3.9	21
135	Rapid Thyroxine to 3,5,3â€²-Triiodothyronine Conversion and Nuclear 3,5,3â€²-Triiodothyronine Binding in Rat Cerebral Cortex and Cerebellum. Journal of Clinical Investigation, 1980, 65, 935-938.	3.9	127
136	Acute Deficiency of Thyroxine-Binding Globulin during L-Asparaginase Therapy. New England Journal of Medicine, 1979, 301, 252-253.	13.9	59
137	Comparison of thyroxine and 3,3â€²,5â€²-triiodothyronine metabolism in rat kidney and liver homogenates. Metabolism: Clinical and Experimental, 1979, 28, 1139-1146.	1.5	46
138	Screening for congenital hypothyroidism: Results of screening one million North American infants. Journal of Pediatrics, 1979, 94, 700-705.	0.9	347
139	Inhibition of intrapituitary thyroxine to 3.5.3'-triiodothyronine conversion prevents the acute suppression of thyrotropin release by thyroxine in hypothyroid rats.. Journal of Clinical Investigation, 1979, 64, 117-128.	3.9	144
140	Physiological and Pharmacological Influences on Thyroxine to 3,5,3â€²-Triiodothyronine Conversion and Nuclear 3,5,3â€²-Triiodothyronine Binding in Rat Anterior Pituitary. Journal of Clinical Investigation, 1979, 64, 1402-1414.	3.9	78
141	Correlation of sequential changes in serum thyroglobulin, triiodothyronine, and thyroxine in patients with Graves' disease and subacute thyroiditis. Metabolism: Clinical and Experimental, 1978, 27, 449-460.	1.5	98
142	Isolation of labeled triiodothyronine from serum using affinity chromatography: Application to the estimation of the peripheral T4 to T3 conversion in rats. Metabolism: Clinical and Experimental, 1978, 27, 303-313.	1.5	42
143	Thyroxine to 3,5,3â€²-triiodothyronine conversion by rat anterior pituitary and liver. Metabolism: Clinical and Experimental, 1978, 27, 1601-1607.	1.5	37
144	The Contribution of Local Tissue Thyroxine Monodeiodination to the Nuclear 3,5,3â€²- Triiodothyronine in Pituitary, Liver, and Kidney of Euthyroid Rats*. Endocrinology, 1978, 103, 1196-1207.	1.4	189

#	Article	IF	Citations
145	Peripheral Metabolism of Homologous Thyrotropin in Euthyroid and Hypothyroid Rats: Acute Effects of Thyrotropin-Releasing Hormone, Triiodothyronine, and Thyroxine*. Endocrinology, 1978, 102, 1783-1796.	1.4	52
146	Contributions of Plasma Triiodothyronine and Local Thyroxine Monodeiodination to Triiodothyronine to Nuclear Triiodothyronine Receptor Saturation in Pituitary, Liver, and Kidney of Hypothyroid Rats. Journal of Clinical Investigation, 1978, 61, 1247-1259.	3.9	197
147	Comparison of the Biological Effects of Thyroxine and Triiodothyronine in the Rat*. Endocrinology, 1977, 100, 980-988.	1.4	114
148	Pituitary nuclear 3,5,3'-triiodothyronine and thyrotropin secretion: an explanation for the effect of thyroxine. Science, 1977, 198, 617-620.	6.0	205
149	Thyroid function studies in preterm infants recovering from the respiratory distress syndrome. Journal of Pediatrics, 1977, 91, 261-263.	0.9	33
150	Triiodothyronine and thyroxine content of desiccated thyroid tablets. Metabolism: Clinical and Experimental, 1977, 26, 1213-1218.	1.5	43
151	Triiodothyronine, Thyroxine, and Iodine in Purified Thyroglobulin from Patients with Graves' Disease. Journal of Clinical Investigation, 1977, 59, 1105-1112.	3.9	78
152	Recommendations for screening programs for congenital hypothyroidism. American Journal of Medicine, 1976, 61, 932-934.	0.6	21
153	Hyperthyroidism. Disease-a-Month, 1976, 22, 1-30.	0.4	4
154	Neonatal thyroid function in congenital hypothyroidism. Journal of Pediatrics, 1976, 89, 545-549.	0.9	55
155	IMMUNOASSAY OF HUMAN TSH USING DRIED BLOOD SAMPLES1. Journal of Clinical Endocrinology and Metabolism, 1976, 42, 987-990.	1.8	46
156	Formation of 3,3â€²-Diiodothyronine and 3â€²,5â€²,3-Triiodothyronine (Reverse T₃) in Thyroid Glands of Rats and in Enzymatically Iodinated Thyroglobulin. Endocrinology, 1976, 99, 281-290.	1.4	26
157	Tests of Thyroid Function. Medical Clinics of North America, 1975, 59, 1063-1074.	1.1	20
158	Effect of Acute Exposure to Cold on the Activity of the Hypothalamic-Pituitary-Thyroid System. Endocrinology, 1975, 97, 1185-1195.	1.4	124
159	Thyroidal Triiodothyronine and Thyroxine in Graves' Disease: Correlation with Presurgical Treatment, Thyroid Status, and Iodine Content. Journal of Clinical Endocrinology and Metabolism, 1975, 41, 1098-1104.	1.8	68
160	Thyroxine (T4) Immunoassay Using Filter Paper Blood Samples for Screening of Neonates for Hypothyroidism. Pediatric Research, 1975, 9, 604-609.	1.1	71
161	Correlation of serum triiodothyronine (T3) and thyroxine (T4) with biologic effects of thyroid hormone replacement in propylthiouracil-treated rats. Metabolism: Clinical and Experimental, 1975, 24, 547-554.	1.5	55
162	Subacute thyroiditis in a lateral thyroid gland: Evaluation of the pituitary-thyroid axis during the acute destructive and the recovery phases. Journal of Pediatrics, 1975, 87, 34-37.	0.9	6

#	Article	IF	Citations
163	Total and Free Triiodothyronine and Thyroxine in Early Infancy. Journal of Clinical Endocrinology and Metabolism, 1974, 39, 263-268.	1.8	77
164	Serum triiodothyronine, thyroxine, and thyrotropin during hyperthyroid, hypothyroid, and recovery phases of subacute nonsuppurative thyroiditis. Metabolism: Clinical and Experimental, 1974, 23, 467-471.	1.5	45
165	Triiodothyronine and Thyroxine in Hyperthyroidism COMPARISON OF THE ACUTE CHANGES DURING THERAPY WITH ANTITHYROID AGENTS. Journal of Clinical Investigation, 1974, 54, 201-208.	3.9	139
166	Biochemical Observations in Functioning Human Thyroid Adenomas1. Journal of Clinical Endocrinology and Metabolism, 1973, 36, 1009-1018.	1.8	34
167	Immunoassay of Thyroxine in Unextracted Human Serum. Journal of Clinical Endocrinology and Metabolism, 1973, 37, 177-182.	1.8	134
168	Familial Autoimmune Thyroiditis: Maternalâ€“Fetal Relationship and the Role of Generalized Autoimmunity. Journal of Clinical Endocrinology and Metabolism, 1973, 37, 265-275.	1.8	66
169	Serum Triiodothyronine and Thyroxine in the Neonate and the Acute Increases in These Hormones Following Delivery. Journal of Clinical Investigation, 1973, 52, 1195-1199.	3.9	111
170	Demonstration of Iodide Transport Defect but Normal Iodide Organification in Nonfunctioning Nodules of Human Thyroid Glands. Journal of Clinical Investigation, 1973, 52, 2404-2410.	3.9	53
171	Triiodothyronine and Thyroxine in the Serum and Thyroid Glands of Iodine-Deficient Rats. Journal of Clinical Investigation, 1973, 52, 2522-2531.	3.9	136
172	Triiodothyronine: Review of recent studies of its physiology and pathophysiology in man. Metabolism: Clinical and Experimental, 1972, 21, 1073-1092.	1.5	152
173	Effects of thyroid-stimulating hormone on adenyl cyclase activity and intermediary metabolism of â€œcoldâ€•thyroid nodules and normal human thyroid tissue. Journal of Clinical Investigation, 1972, 51, 1109-1117.	3.9	74
174	Salicylate-induced increases in free triiodothyronine in human serum. Journal of Clinical Investigation, 1972, 51, 1125-1134.	3.9	162
175	Direct immunoassay of triiodothyronine in human serum. Journal of Clinical Investigation, 1972, 51, 1939-1949.	3.9	192
176	In vitro demonstration of iodide-trapping defect but normal thyrotropin (TSH) responsiveness in benign and malignant "cold" thyroid nodules. Transactions of the Association of American Physicians, 1972, 85, 309-16.	0.1	2
177	Technical aspects of the estimation of triiodothyronine in human serum: Evidence of conversion of thyroxine to triiodothyronine during assay. Metabolism: Clinical and Experimental, 1971, 20, 609-624.	1.5	39
178	Inhibition of triiodothyronine (T3) binding to thyroxine-binding globulin by sodium salicylate and its application to immunoassay of T3 in human serum. Metabolism: Clinical and Experimental, 1971, 20, 976-980.	1.5	24
179	The effect of diphenylhydantoin on thyroxine metabolism in man. Journal of Clinical Investigation, 1970, 49, 1266-1279.	3.9	112
180	The toxic proteins of cobra venom. Biochemical Pharmacology, 1968, 17, 503-504.	2.0	22

#	Article	IF	Citations
181	The Basic Proteins of Cobra Venom. Journal of Biological Chemistry, 1968, 243, 1283-1289.	1.6	57
182	The Basic Proteins of Cobra Venom. Journal of Biological Chemistry, 1968, 243, 1290-1296.	1.6	30
183	Inhibition of accumulative transport by a protein from cobra venom. Biochemical Pharmacology, 1967, 16, 2003-2009.	2.0	10
184	Iodide Transport: Inhibition by Agents Reacting at the Membrane. Science, 1967, 155, 335-336.	6.0	26