Theo J Visser

List of Publications by Year
in descending order

521 papers	35,434 citations	2795 94 h-index	7718 150 g-index
529 all docs	529 docs citations	529 times ranked	17369 citing authors

#	Article	IF	Citations
1	Subclinical Hypothyroidism Is an Independent Risk Factor for Atherosclerosis and Myocardial Infarction in Elderly Women: The Rotterdam Study. Annals of Internal Medicine, 2000, 132, 270.	2.0	1,044
2	Association between mutations in a thyroid hormone transporter and severe X-linked psychomotor retardation. Lancet, The, 2004, 364, 1435-1437.	6.3	615
3	Identification of Monocarboxylate Transporter 8 as a Specific Thyroid Hormone Transporter. Journal of Biological Chemistry, 2003, 278, 40128-40135.	1.6	602
4	Interactions of Persistent Environmental Organohalogens With the Thyroid Hormone System: Mechanisms and Possible Consequences for Animal and Human Health. Toxicology and Industrial Health, 1998, 14, 59-84.	0.6	520
5	Maternal Thyroid Function during Early Pregnancy and Cognitive Functioning in Early Childhood: The Generation R Study. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 4227-4234.	1.8	387
6	Association of maternal thyroid function during early pregnancy with offspring IQ and brain morphology in childhood: a population-based prospective cohort study. Lancet Diabetes and Endocrinology,the, 2016, 4, 35-43.	5.5	381
7	Reduced Activation and Increased Inactivation of Thyroid Hormone in Tissues of Critically Ill Patients. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 3202-3211.	1.8	365
8	Minireview: Thyroid Hormone Transporters: The Knowns and the Unknowns. Molecular Endocrinology, 2011, 25, 1-14.	3.7	356
9	Plasma Membrane Transport of Thyroid Hormones and Its Role in Thyroid Hormone Metabolism and Bioavailability. Endocrine Reviews, 2001, 22, 451-476.	8.9	340
10	Potent Inhibition of Estrogen Sulfotransferase by Hydroxylated PCB Metabolites: A Novel Pathway Explaining the Estrogenic Activity of PCBs. Endocrinology, 2000, 141, 1897-1900.	1.4	322
11	Abnormal thyroid hormone metabolism in mice lacking the monocarboxylate transporter 8. Journal of Clinical Investigation, 2007, 117, 627-635.	3.9	313
12	Iodothyronine Levels in the Human Developing Brain: Major Regulatory Roles of Iodothyronine Deiodinases in Different Areas. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 3117-3128.	1.8	294
13	Somatostatin receptor scintigraphy with indium-111-DTPA-D-Phe-1-octreotide in man: metabolism, dosimetry and comparison with iodine-123-Tyr-3-octreotide. Journal of Nuclear Medicine, 1992, 33, 652-8.	2.8	290
14	Thyroid disease in pregnancy: new insights in diagnosis and clinical management. Nature Reviews Endocrinology, 2017, 13, 610-622.	4.3	269
15	Radiotherapy with a Radiolabeled Somatostatin Analogue, [111In-DTPA-d-Phe1]-Octreotide.. Annals of the New York Academy of Sciences, 1994, 733, 496-506.	1.8	263
16	Thyroid Hormone Concentrations, Disease, Physical Function, and Mortality in Elderly Men. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6403-6409.	1.8	242
17	Hypothalamic Thyroid Hormone Catabolism Acts as a Gatekeeper for the Seasonal Control of Body Weight and Reproduction. Endocrinology, 2007, 148, 3608-3617.	1.4	239
18	Effective Cellular Uptake and Efflux of Thyroid Hormone by Human Monocarboxylate Transporter 10. Molecular Endocrinology, 2008, 22, 1357-1369.	3.7	238

#	Article	IF	Citations
19	Serum 3,3â€²,5â€²-Triiodothyronine (rT3) and 3,5,3â€²-Triiodothyronine/rT3Are Prognostic Markers in Critically Ill Patients and Are Associated with Postmortem Tissue Deiodinase Activities. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4559-4565.	1.8	234
20	The Monocarboxylate Transporter 8 Linked to Human Psychomotor Retardation Is Highly Expressed in Thyroid Hormone-Sensitive Neuron Populations. Endocrinology, 2005, 146, 1701-1706.	1.4	230
21	Polymorphisms in Thyroid Hormone Pathway Genes Are Associated with Plasma TSH and Iodothyronine Levels in Healthy Subjects. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 2880-2888.	1.8	224
22	Transporters MCT8 and OATP1C1 maintain murine brain thyroid hormone homeostasis. Journal of Clinical Investigation, 2014, 124, 1987-1999.	3.9	224
23	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
24	Thyroid hormone transport in and out of cells. Trends in Endocrinology and Metabolism, 2008, 19, 50-56.	3.1	213
25	Hypoxia-inducible factor induces local thyroid hormone inactivation during hypoxic-ischemic disease in rats. Journal of Clinical Investigation, 2008, 118, 975-83.	3.9	211
26	Hypothyroxinemia and TPO-Antibody Positivity Are Risk Factors for Premature Delivery: The Generation R Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4382-4390.	1.8	209
27	Cerebral cortex responds rapidly to thyroid hormones. Science, 1981, 214, 571-573.	6.0	203
28	Biotransformation of brominated flame retardants into potentially endocrineâ€disrupting metabolites, with special attention to 2,2â€²,4,4â€²â€tetrabromodiphenyl ether (BDEâ€47). Molecular Nutrition and Food Research, 2008, 52, 284-298.	1.5	202
29	Optimising conditions for radiolabelling of DOTA-peptides with 90Y, 111In and 177Lu at high specific activities. European Journal of Nuclear Medicine and Molecular Imaging, 2003, 30, 917-920.	3.3	194
30	A Meta-Analysis of Thyroid-Related Traits Reveals Novel Loci and Gender-Specific Differences in the Regulation of Thyroid Function. PLoS Genetics, 2013, 9, e1003266.	1.5	194
31	Somatostatin receptor-mediated imaging and therapy: basic science, current knowledge, limitations and future perspectives. European Journal of Nuclear Medicine and Molecular Imaging, 2001, 28, 1421-1429.	2.2	193
32	Thyroid Hormone Transport by the Human Monocarboxylate Transporter 8 and Its Rate-Limiting Role in Intracellular Metabolism. Molecular Endocrinology, 2006, 20, 2761-2772.	3.7	192
33	Identification of DIO2 as a new susceptibility locus for symptomatic osteoarthritis. Human Molecular Genetics, 2008, 17, 1867-1875.	1.4	190
34	Clinical Phenotype and Mutant TRÎ±1. New England Journal of Medicine, 2012, 366, 1451-1453.	13.9	186
35	Mutations in the Iodotyrosine Deiodinase Gene and Hypothyroidism. New England Journal of Medicine, 2008, 358, 1811-1818.	13.9	182
36	Role of sulfation in thyroid hormone metabolism. Chemico-Biological Interactions, 1994, 92, 293-303.	1.7	181

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37	Genome-wide analyses identify a role for SLC17A4 and AADAT in thyroid hormone regulation. Nature Communications, 2018, 9, 4455.	5.8	181
38	A 28-Day Oral Dose Toxicity Study Enhanced to Detect Endocrine Effects of Hexabromocyclododecane in Wistar Rats. Toxicological Sciences, 2006, 94, 281-292.	1.4	178
39	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
40	Interference of Polychlorinated Biphenyls in Hepatic and Brain Thyroid Hormone Metabolism in Fetal and Neonatal Rats. Toxicology and Applied Pharmacology, 1993, 122, 27-33.	1.3	175
41	Developmental Trends in Cord and Postpartum Serum Thyroid Hormones in Preterm Infants. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 5314-5320.	1.8	170
42	Chemically defined neuron groups and their subpopulations in the glomerular layer of the rat main olfactory bulb. Neuroscience Research, 1995, 23, 73-88.	1.0	169
43	Sulfation of Thyroid Hormone and Dopamine during Human Development: Ontogeny of Phenol Sulfotransferases and Arylsulfatase in Liver, Lung, and Brain¹. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2734-2742.	1.8	169
44	Thyroid Hormone Transporters in Health and Disease. Thyroid, 2005, 15, 757-768.	2.4	168
45	Identification of Thyroid Hormone Transporters. Biochemical and Biophysical Research Communications, 1999, 254, 497-501.	1.0	166
46	Mechanism-based testing strategy using in vitro approaches for identification of thyroid hormone disrupting chemicals. Toxicology in Vitro, 2013, 27, 1320-1346.	1.1	165
47	Sulfation of Thyroid Hormone and Dopamine during Human Development: Ontogeny of Phenol Sulfotransferases and Arylsulfatase in Liver, Lung, and Brain. Journal of Clinical Endocrinology and Metabolism, 2001, 86, 2734-2742.	1.8	161
48	Yttrium-90 and indium-111 labelling, receptor binding and biodistribution of [DOTA0,d-Phe1,Tyr3]octreotide, a promising somatostatin analogue for radionuclide therapy. European Journal of Nuclear Medicine and Molecular Imaging, 1997, 24, 368-371.	2.2	159
49	Thyroid Hormone Transport by the Heterodimeric Human System L Amino Acid Transporter. Endocrinology, 2001, 142, 4339-4348.	1.4	158
50	Maternal Thyroid Hormone Parameters during Early Pregnancy and Birth Weight: The Generation R Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 59-66.	1.8	153
51	Thyroid Function in Pregnancy: What Is Normal?. Clinical Chemistry, 2015, 61, 704-713.	1.5	153
52	Endocrine effects of tetrabromobisphenol-A (TBBPA) in Wistar rats as tested in a one-generation reproduction study and a subacute toxicity study. Toxicology, 2008, 245, 76-89.	2.0	150
53	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. PLoS Genetics, 2014, 10, e1004123.	1.5	150
54	High-Normal Thyroid Function and Risk of Atrial Fibrillation. Archives of Internal Medicine, 2008, 168, 2219.	4.3	145

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55	Pathophysiological Importance of Thyroid Hormone Transporters. Endocrinology, 2009, 150, 1078-1083.	1.4	145
56	In Vitro Inhibition of Thyroid Hormone Sulfation by Hydroxylated Metabolites of Halogenated Aromatic Hydrocarbons. Chemical Research in Toxicology, 1998, 11, 1075-1081.	1.7	144
57	Biochemical Mechanisms of Thyroid Hormone Deiodination. Thyroid, 2005, 15, 787-798.	2.4	144
58	Comparison of (111)In-labeled somatostatin analogues for tumor scintigraphy and radionuclide therapy. Cancer Research, 1998, 58, 437-41.	0.4	144
59	Potent Inhibition of Estrogen Sulfotransferase by Hydroxylated Metabolites of Polyhalogenated Aromatic Hydrocarbons Reveals Alternative Mechanism for Estrogenic Activity of Endocrine Disrupters. Journal of Clinical Endocrinology and Metabolism, 2002, 87, 1142-1150.	1.8	142
60	Synthesis and Some Properties of Sulfate Esters and Sulfamates of Iodothyronines*. Endocrinology, 1985, 117, 1-7.	1.4	136
61	Neuroanatomical Pathways for Thyroid Hormone Feedback in the Human Hypothalamus. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 4322-4334.	1.8	135
62	Tissue Thyroid Hormone Levels in Critical Illness. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6498-6507.	1.8	134
63	Thyroid Hormone Transporters. Vitamins and Hormones, 2005, 70, 137-167.	0.7	133
64	A Common Variation in Deiodinase 1 Gene DIO1 Is Associated with the Relative Levels of Free Thyroxine and Triiodothyronine. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 3075-3081.	1.8	133
65	Maternal Early Pregnancy and Newborn Thyroid Hormone Parameters: The Generation R Study. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 646-652.	1.8	130
66	Induction of Thyroid Hormone-Degrading Deiodinase in Cardiac Hypertrophy and Failure. Endocrinology, 2002, 143, 2812-2815.	1.4	124
67	Maternal Thyroid Autoimmunity During Pregnancy and the Risk of Attention Deficit/Hyperactivity Problems in Children: The Generation R Study. Thyroid, 2012, 22, 178-186.	2.4	123
68	Endocrine effects of hexabromocyclododecane (HBCD) in a one-generation reproduction study in Wistar rats. Toxicology Letters, 2009, 185, 51-62.	0.4	119
69	Multiple neurotransmitters in the tuberomammillary nucleus: Comparison of rat, mouse, and guinea pig. Journal of Comparative Neurology, 1992, 323, 103-116.	0.9	118
70	Impact of Oatp1c1 Deficiency on Thyroid Hormone Metabolism and Action in the Mouse Brain. Endocrinology, 2012, 153, 1528-1537.	1.4	118
71	Receptor scintigraphy with a radioiodinated somatostatin analogue: radiolabeling, purification, biologic activity, and in vivo application in animals. Journal of Nuclear Medicine, 1990, 31, 1501-9.	2.8	118
72	Thyroxine and 3,3â€²,5-Triiodothyronine Are Glucuronidated in Rat Liver by Different Uridine Diphosphate-Glucuronyltransferases*. Endocrinology, 1991, 128, 741-746.	1.4	117

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73	Human Fetal and Cord Serum Thyroid Hormones: Developmental Trends and Interrelationships. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 4097-4103.	1.8	117
74	Ontogeny of Iodothyronine Deiodinases in Human Liver1. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2868-2874.	1.8	115
75	Conversion of thyroxine into tri-iodothyronine by rat liver homogenate. Biochemical Journal, 1975, 150, 489-493.	1.7	114
76	Deiodination of Thyroid Hormone by Human Liver. Journal of Clinical Endocrinology and Metabolism, 1988, 67, 17-24.	1.8	112
77	Acute Posttranscriptional Regulation of Cerebrocortical and Pituitary Iodothyronine 5â€²-Deiodinases by Thyroid Hormone[*]. Endocrinology, 1984, 114, 998-1004.	1.4	111
78	The Hypothalamic-Pituitary-Thyroid Axis in Preterm Infants; Changes in the First 24 Hours of Postnatal Life. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 2824-2831.	1.8	110
79	Ontogeny of Iodothyronine Deiodinases in Human Liver. Journal of Clinical Endocrinology and Metabolism, 1998, 83, 2868-2874.	1.8	110
80	Pre-clinical comparison of [DTPA0] octreotide, [DTPA0,Tyr3] octreotide and [DOTA0,Tyr3] octreotide as carriers for somatostatin receptor-targeted scintigraphy and radionuclide therapy. , 1998, 75, 406-411.		109
81	Regulation of thyroid hormone metabolism during fetal development. Molecular and Cellular Endocrinology, 1999, 151, 37-47.	1.6	109
82	Molecular aspects of thyroid hormone transporters, including MCT8, MCT10, and OATPs, and the effects of genetic variation in these transporters. Journal of Molecular Endocrinology, 2010, 44, 1-11.	1.1	109
83	Genetics and phenomics of thyroid hormone transport by MCT8. Molecular and Cellular Endocrinology, 2010, 322, 107-113.	1.6	109
84	Maternal Thyroid Function During Pregnancy and Behavioral Problems in the Offspring: The Generation R Study. Pediatric Research, 2011, 69, 454-459.	1.1	108
85	Potent Inhibition of Estrogen Sulfotransferase by Hydroxylated PCB Metabolites: A Novel Pathway Explaining the Estrogenic Activity of PCBs. , 0, .		108
86	Active transport of triiodothyronine (T3) into isolated rat liver cells. FEBS Letters, 1978, 91, 113-116.	1.3	106
87	Neuropeptide Y Innervation and Neuropeptide-Y-Y1-Receptor-Expressing Neurons in the Paraventricular Hypothalamic Nucleus of the Mouse. Neuroendocrinology, 1999, 70, 295-305.	1.2	106
88	Localisation and mechanism of renal retention of radiolabelled somatostatin analogues. European Journal of Nuclear Medicine and Molecular Imaging, 2005, 32, 1136-1143.	3.3	105
89	A Phytoestrogen-Rich Diet Increases Energy Expenditure and Decreases Adiposity in Mice. Environmental Health Perspectives, 2007, 115, 1467-1473.	2.8	105
90	Ethnic Differences in Maternal Thyroid Parameters during Pregnancy: The Generation R Study. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3678-3686.	1.8	105

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91	Effect of Starvation and Subsequent Refeeding on Thyroid Function and Release of Hypothalamic Thyrotropin-Releasing Hormone. Neuroendocrinology, 1992, 56, 348-353.	1.2	101
92	Internalization of radiolabelled [DTPA0]octreotide and [DOTA0, Tyr3]octreotide. Nuclear Medicine Communications, 1998, 19, 283-288.	0.5	101
93	Effects of Evening vs Morning Levothyroxine Intake. Archives of Internal Medicine, 2010, 170, 1996.	4.3	101
94	Serum Thyroid Hormones in Preterm Infants: Associations with Postnatal Illnesses and Drug Usage. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5954-5963.	1.8	100
95	Thyroid Hormones, Dementia, and Atrophy of the Medial Temporal Lobe. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 2569-2573.	1.8	100
96	Sorafenib-Induced Hypothyroidism Is Associated with Increased Type 3 Deiodination. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3758-3762.	1.8	100
97	A new polymorphism in the type II deiodinase gene is associated with circulating thyroid hormone parameters. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E75-E81.	1.8	98
98	Genetic variation in thyroid hormone pathway genes; polymorphisms in the TSH receptor and the iodothyronine deiodinases. European Journal of Endocrinology, 2006, 155, 655-662.	1.9	98
99	Regulation of Iodothyronine Deiodinases in the Pax8â^'/â^' Mouse Model of Congenital Hypothyroidism. Endocrinology, 2003, 144, 777-784.	1.4	97
100	Sulfation preceding deiodination of iodothyronines in rat hepatocytes. Science, 1983, 221, 81-83.	6.0	95
101	The Type II Iodothyronine Deiodinase Is Up-Regulated in Skeletal Muscle during Prolonged Critical Illness. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 3330-3333.	1.8	95
102	Mechanisms of Disease: psychomotor retardation and high T3 levels caused by mutations in monocarboxylate transporter 8. Nature Clinical Practice Endocrinology and Metabolism, 2006, 2, 512-523.	2.9	94
103	The Association of Polymorphisms in the Type 1 and 2 Deiodinase Genes with Circulating Thyroid Hormone Parameters and Atrophy of the Medial Temporal Lobe. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 636-640.	1.8	94
104	Sunitinib-Induced Hypothyroidism Is due to Induction of Type 3 Deiodinase Activity and Thyroidal Capillary Regression. Journal of Clinical Endocrinology and Metabolism, 2011, 96, 3087-3094.	1.8	93
105	Type II and type III deiodinase activity in human placenta as a function of gestational age. Journal of Clinical Endocrinology and Metabolism, 1996, 81, 2154-2158.	1.8	93
106	Early expression of thyroid hormone deiodinases and receptors in human fetal cerebral cortex. Developmental Brain Research, 2002, 138, 109-116.	2.1	92
107	Left-Ventricular Remodeling After Myocardial Infarction Is Associated with a Cardiomyocyte-Specific Hypothyroid Condition. Endocrinology, 2011, 152, 669-679.	1.4	92
108	Polymorphisms in Type 2 Deiodinase Are Not Associated with Well-Being, Neurocognitive Functioning, and Preference for Combined Thyroxine/3,5,3â€²-Triiodothyronine Therapy. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 6296-6299.	1.8	91

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109	Identification of molecular mechanisms related to nonthyroidal illness syndrome in skeletal muscle and adipose tissue from patients with septic shock. Clinical Endocrinology, 2008, 68, 821-827.	1.2	91
110	PLASMA THYROXINE, 3,3â€²,5-TRIIODOTHYRONINE AND 3,3â€²,5â€²-TRIIODOTHYRONINE DURING 3-ADRENERGIC BLOCKADE IN. HYPERTHYROIDISM. Journal of Clinical Endocrinology and Metabolism, 1977, 44, 1002-1005.	1.8	90
111	Decreased transport of thyroxine (T4), 3,3â€²-5-triiodothyronine (T3) and 3,3â€²,5â€²-triiodothyronine (rT3) into rat hepatocytes in primary culture due to a decrease of cellular ATP content and various drugs. FEBS Letters, 1982, 140, 229-233.	1.3	90
112	Evidence for 5-hydroxytryptamine, substance P, and thyrotropin- releasing hormone in neurons innervating the phrenic motor nucleus. Journal of Neuroscience, 1984, 4, 1064-1071.	1.7	90
113	Effects of serum TSH and FT4 levels and the TSHRâ€Asp727Glu polymorphism on bone: the Rotterdam Study. Clinical Endocrinology, 2008, 68, 175-181.	1.2	90
114	EVIDENCE FOR THE INVOLVEMENT OF HYPOTHALAMIC DOPAMINE AND THYROTROPHIN-RELEASING HORMONE IN SUCKLING-INDUCED RELEASE OF PROLACTIN. Journal of Endocrinology, 1981, 91, 213-223.	1.2	89
115	Beneficial Effects of Propylthiouracil plusl-Thyroxine Treatment in a Patient with a Mutation inMCT8. Journal of Clinical Endocrinology and Metabolism, 2008, 93, 2084-2088.	1.8	89
116	Hypothyroidism Induces Type I Iodothyronine Deiodinase Expression in Tilapia Liver. General and Comparative Endocrinology, 2001, 124, 333-342.	0.8	88
117	Clinical Phenotype of a New Type of Thyroid Hormone Resistance Caused by a Mutation of the TRÎ±1 Receptor: Consequences of LT4 Treatment. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 3029-3038.	1.8	88
118	Reference ranges and determinants of total hCG levels during pregnancy: the Generation R Study. European Journal of Epidemiology, 2015, 30, 1057-1066.	2.5	88
119	RADIOIMMUNOASSAY OF REVERSE TRI-IODOTHYRONINE. Journal of Endocrinology, 1977, 73, 395-396.	1.2	87
120	Characterization of a Propylthiouracil-Insensitive Type I Iodothyronine Deiodinase*. Endocrinology, 1997, 138, 5153-5160.	1.4	87
121	Placental Iodothyronine Deiodinase Expression in Normal and Growth-Restricted Human Pregnancies. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 4488-4495.	1.8	86
122	Deiodinase Activity Is Present inXenopus laevisduring Early Embryogenesis. Endocrinology, 2006, 147, 4941-4949.	1.4	86
123	A 28-day oral dose toxicity study enhanced to detect endocrine effects of a purified technical pentabromodiphenyl ether (pentaBDE) mixture in Wistar rats. Toxicology, 2008, 245, 109-122.	2.0	86
124	Expression of thyroid hormone transporters during critical illness. European Journal of Endocrinology, 2009, 161, 243-250.	1.9	85
125	Thyroid Function Within the Normal Range and the Risk of Depression: A Population-Based Cohort Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1213-1219.	1.8	85
126	Inhibition of thyroxine transport into cultured rat hepatocytes by serum of nonuremic critically ill patients: effects of bilirubin and nonesterified fatty acids. Journal of Clinical Endocrinology and Metabolism, 1993, 76, 1165-1172.	1.8	85

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127	Hypothyroidism in rats decreases peripheral glucose utilisation, a defect partially corrected by central leptin infusion. Diabetologia, 2005, 48, 624-633.	2.9	84
128	Polymorphisms in the brainâ€specific thyroid hormone transporter OATP1C1 are associated with fatigue and depression in hypothyroid patients. Clinical Endocrinology, 2008, 69, 804-811.	1.2	83
129	Genotype-Phenotype Relationship in Patients with Mutations in Thyroid Hormone Transporter MCT8. Endocrinology, 2008, 149, 2184-2190.	1.4	82
130	INHERITED THYROXINE EXCESS: A SERUM ABNORMALITY DUE TO AN INCREASED AFFINITY FOR MODIFIED ALBUMIN. Clinical Endocrinology, 1981, 15, 363-371.	1.2	81
131	Tumour uptake of the radiolabelled somatostatin analogue [DOTA 0 ,TYR 3]octreotide is dependent on the peptide amount. European Journal of Nuclear Medicine and Molecular Imaging, 1999, 26, 693-698.	3.3	81
132	Thyroxine Plus Low-Dose, Slow-Release Triiodothyronine Replacement in Hypothyroidism: Proof of Principle. Thyroid, 2004, 14, 271-275.	2.4	81
133	Impact of Monocarboxylate Transporter-8 Deficiency on the Hypothalamus-Pituitary-Thyroid Axis in Mice. Endocrinology, 2010, 151, 5053-5062.	1.4	81
134	Rapid and Selective Inner Ring Deiodination of Thyroxine Sulfate by Rat Liver Deiodinase*. Endocrinology, 1985, 117, 8-12.	1.4	80
135	Iodothyronine deiodinase enzyme activities in bone. Bone, 2008, 43, 126-134.	1.4	80
136	5-Hydroxytryptamine, substance P, and thyrotropin-releasing hormone in the adult cat spinal cord segment L7: Immunohistochemical and chemical studies. Synapse, 1990, 6, 237-270.	0.6	79
137	Euthyroid Sick Syndrome in Meningococcal Sepsis: The Impact of Peripheral Thyroid Hormone Metabolism and Binding Proteins. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 5613-5620.	1.8	79
138	Monocarboxylate transporter 8 expression in the human placenta: the effects of severe intrauterine growth restriction. Journal of Endocrinology, 2006, 189, 465-471.	1.2	79
139	Psychological Well-Being Correlates with Free Thyroxine But Not Free 3,5,3â€²-Triiodothyronine Levels in Patients on Thyroid Hormone Replacement. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3389-3393.	1.8	78
140	Assessment of TRH as a potential MSH release stimulating factor in Xenopus laevis. Peptides, 1987, 8, 69-76.	1.2	77
141	Serum Thyroid Hormones in Preterm Infants and Relationships to Indices of Severity of Intercurrent Illness. Journal of Clinical Endocrinology and Metabolism, 2005, 90, 1271-1279.	1.8	77
142	Thyroid autoimmunity impairs the thyroidal response to hCG: two population-based prospective cohort studies. Journal of Clinical Endocrinology and Metabolism, 2017, 102, jc.2016-2942.	1.8	77
143	Effectiveness and safety of the tri-iodothyronine analogue Triac in children and adults with MCT8 deficiency: an international, single-arm, open-label, phase 2 trial. Lancet Diabetes and Endocrinology,the, 2019, 7, 695-706.	5.5	77
144	Transmitter expression and morphological development of embryonic medullary and mesencephalic raphï¿½ neurones after transplantation to the adult rat central nervous system. Experimental Brain Research, 1985, 60, 427-44.	0.7	76

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145	Generation of Thyrotropin-Releasing Hormone Receptor 1-Deficient Mice as an Animal Model of Central Hypothyroidism. Molecular Endocrinology, 2004, 18, 1450-1460.	3.7	76
146	Thyroid hormone transporters. Biochemical Society Transactions, 2005, 33, 228-232.	1.6	76
147	Expression of Chicken Hepatic Type I and Type III Iodothyronine Deiodinases during Embryonic Development1. Endocrinology, 1997, 138, 5144-5152.	1.4	75
148	Substitution of Cysteine for Selenocysteine in the Catalytic Center of Type III Iodothyronine Deiodinase Reduces Catalytic Efficiency and Alters Substrate Preference. Endocrinology, 2003, 144, 2505-2513.	1.4	75
149	Tetrac Can Replace Thyroid Hormone During Brain Development in Mouse Mutants Deficient in the Thyroid Hormone Transporter Mct8. Endocrinology, 2013, 154, 968-979.	1.4	75
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