Josef KÃ¶hrle

List of Publications by Year
in descending order

297 papers	15,325 citations	16791 66 h-index	27587 110 g-index
327 all docs	327 docs citations	327 times ranked	13612 citing authors

#	Article	IF	Citations
1	Perinatal exposure to the thyroperoxidase inhibitors methimazole and amitrole perturbs thyroid hormone system signaling and alters motor activity in rat offspring. Toxicology Letters, 2022, 354, 44-55.	0.4	12
2	100 YEARS OF VITAMIN D: Light and health: a century after the therapeutic use of UV light and vitamin D, hormones advanced medical care. Endocrine Connections, 2022, 11, .	0.8	2
3	Tentative Application of a Streamlined Protocol to Determine Organ-Specific Regulations of Deiodinase 1 and Dehalogenase Activities as Readouts of the Hypothalamus-Pituitary-Thyroid-Periphery-Axis. Frontiers in Toxicology, 2022, 4, 822993.	1.6	3
4	Changes in Thyroid Metabolites after Liothyronine Administration: A Secondary Analysis of Two Clinical Trials That Incorporated Pharmacokinetic Data. Metabolites, 2022, 12, 476.	1.3	0
5	3,5-T2-an Endogenous Thyroid Hormone Metabolite as Promising Lead Substance in Anti-Steatotic Drug Development?. Metabolites, 2022, 12, 582.	1.3	6
6	Obesity and Pregnancy. Guideline of the German Society of Gynecology and Obstetrics (S3-Level, AWMF) Tj ETQq0 0 0 rgBT /Overlock 1	0.8	10
7	Comparative Analysis of the Effects of Long-Term 3,5-diiodothyronine Treatment on the Murine Hepatic Proteome and Transcriptome Under Conditions of Normal Diet and High-Fat Diet. Thyroid, 2021, 31, 1135-1146.	2.4	7
8	Thyroid hormone system disrupting chemicals. Best Practice and Research in Clinical Endocrinology and Metabolism, 2021, 35, 101562.	2.2	20
9	Testing for heterotopia formation in rats after developmental exposure to selected inÂvitro inhibitors of thyroperoxidase. Environmental Pollution, 2021, 283, 117135.	3.7	19
10	Selenium in Endocrinologyâ€"Selenoprotein-Related Diseases, Population Studies, and Epidemiological Evidence. Endocrinology, 2021, 162, .	1.4	27
11	Lack of the Thyroid Hormone Transporter Mct8 in Osteoblast and Osteoclast Progenitors Increases Trabecular Bone in Male Mice. Thyroid, 2020, 30, 329-342.	2.4	9
12	Disruption of <scp>BMP</scp> Signaling Prevents Hyperthyroidismâ€Induced Bone Loss in Male Mice. Journal of Bone and Mineral Research, 2020, 35, 2058-2069.	3.1	13
13	Mass Spectrometry-Based Determination of Thyroid Hormones and Their Metabolites in Endocrine Diagnostics and Biomedical Research â€" Implications for Human Serum Diagnostics. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 358-374.	0.6	4
14	CD5L Constitutes a Novel Biomarker for Integrated Hepatic Thyroid Hormone Action. Thyroid, 2020, 30, 908-923.	2.4	8
15	Endocrine, Metabolic and Pharmacological Effects of Thyronamines (TAM), Thyroacetic Acids (TA) and Thyroid Hormone Metabolites (THM) â€" Evidence from in vitro, Cellular, Experimental Animal and Human Studies. Experimental and Clinical Endocrinology and Diabetes, 2020, 128, 401-413.	0.6	10
16	Removing Critical Gaps in Chemical Test Methods by Developing New Assays for the Identification of Thyroid Hormone System-Disrupting Chemicalsâ€"The ATHENA Project. International Journal of Molecular Sciences, 2020, 21, 3123.	1.8	34
17	Adversity Considerations for Thyroid Follicular Cell Hypertrophy and Hyperplasia in Nonclinical Toxicity Studies: Results From the 6th ESTP International Expert Workshop. Toxicologic Pathology, 2020, 48, 920-938.	0.9	12
18	Endocrine Disruptors and Thyroid Function. , 2019, , 787-792.		0

#	Article	IF	Citations
19	A Thyroid Hormone-Independent Molecular Fingerprint of 3,5-Diiodothyronine Suggests a Strong Relationship with Coffee Metabolism in Humans. Thyroid, 2019, 29, 1743-1754.	2.4	12
20	The Colorful Diversity of Thyroid Hormone Metabolites. European Thyroid Journal, 2019, 8, 115-129.	1.2	55
21	A combined LC-MS/MS and LC-MS3 multi-method for the quantification of iodothyronines in human blood serum. Analytical and Bioanalytical Chemistry, 2019, 411, 5605-5616.	1.9	23
22	3-Iodothyronamineâ€"A Thyroid Hormone Metabolite With Distinct Target Profiles and Mode of Action. Endocrine Reviews, 2019, 40, 602-630.	8.9	38
23	The isoflavones genistein and daidzein increase hepatic concentration of thyroid hormones and affect cholesterol metabolism in middle-aged male rats. Journal of Steroid Biochemistry and Molecular Biology, 2019, 190, 1-10.	1.2	40
24	The Role of Dickkopf-1 in Thyroid Hormoneâ€"Induced Changes of Bone Remodeling in Male Mice. Endocrinology, 2019, 160, 664-674.	1.4	12
25	Association Between 3-Iodothyronamine (T1<scp>am</scp>) Concentrations and Left Ventricular Function in Chronic Heart Failure. Journal of Clinical Endocrinology and Metabolism, 2019, 104, 1232-1238.	1.8	10
26	Aging Alters Phenotypic Traits of Thyroid Dysfunction in Male Mice With Divergent Effects on Complex Systems but Preserved Thyroid Hormone Action in Target Organs. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1162-1169.	1.7	9
27	3,5-T2â€"A Janus-Faced Thyroid Hormone Metabolite Exerts Both Canonical T3-Mimetic Endocrine and Intracrine Hepatic Action. Frontiers in Endocrinology, 2019, 10, 787.	1.5	17
28	A combined LC-MS/MS and LC-MS3 multi-method for the quantification of iodothyronines in human blood serum. , 2019, 411, 5605.		1
29	A combined LC-MS/MS and LC-MS3 multi-method for the quantification of iodothyronines in human blood serum. , 2019, 411, 5605.		1
30	In vivo Effects of Repeated Thyronamine Administration in Male C57BL/6J Mice. European Thyroid Journal, 2018, 7, 3-12.	1.2	15
31	Micronutrient status assessment in humans: Current methods of analysis and future trends. TrAC - Trends in Analytical Chemistry, 2018, 102, 110-122.	5.8	24
32	3-Iodothyronamine reduces insulin secretion inÂvitro via a mitochondrial mechanism. Molecular and Cellular Endocrinology, 2018, 460, 219-228.	1.6	14
33	Relaxin-2 connecting peptide (pro-RLX2) levels in second trimester serum samples to predict preeclampsia. Pregnancy Hypertension, 2018, 11, 124-128.	0.6	6
34	The Effect of High Dose Isoflavone Supplementation on Serum Reverse T3 in Euthyroid Men With Type 2 Diabetes and Post-menopausal Women. Frontiers in Endocrinology, 2018, 9, 698.	1.5	9
35	Thyroid Hormone Metabolism. , 2018, , 420-428.		0
36	Vascular Endothelial Growth Factor (VEGF) Induced Downstream Responses to Transient Receptor Potential Vanilloid 1 (TRPV1) and 3-Iodothyronamine (3-T1AM) in Human Corneal Keratocytes. Frontiers in Endocrinology, 2018, 9, 670.	1.5	16

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37	TRPM8 Activation via 3-Iodothyronamine Blunts VEGF-Induced Transactivation of TRPV1 in Human Uveal Melanoma Cells. Frontiers in Pharmacology, 2018, 9, 1234.	1.6	18
38	Canonical TSH Regulation of Cathepsin-Mediated Thyroglobulin Processing in the Thyroid Gland of Male Mice Requires Taar1 Expression. Frontiers in Pharmacology, 2018, 9, 221.	1.6	22
39	Effects of isoflavones on breast tissue and the thyroid hormone system in humans: a comprehensive safety evaluation. Archives of Toxicology, 2018, 92, 2703-2748.	1.9	62
40	Thyroid Hormones and Derivatives: Endogenous Thyroid Hormones and Their Targets. Methods in Molecular Biology, 2018, 1801, 85-104.	0.4	41
41	Molecular features of the L-type amino acid transporter 2 determine different import and export profiles for thyroid hormones and amino acids. Molecular and Cellular Endocrinology, 2017, 443, 163-174.	1.6	14
42	Sex-specific and inter-individual differences in biomarkers of selenium status identified by a calibrated ELISA for selenoprotein P. Redox Biology, 2017, 11, 403-414.	3.9	79
43	Avoiding the pitfalls when quantifying thyroid hormones and their metabolites using mass spectrometric methods: The role of quality assurance. Molecular and Cellular Endocrinology, 2017, 458, 44-56.	1.6	26
44	Sclerostin Blockade and Zoledronic Acid Improve Bone Mass and Strength in Male Mice With Exogenous Hyperthyroidism. Endocrinology, 2017, 158, 3765-3777.	1.4	20
45	BMPs as new insulin sensitizers: enhanced glucose uptake in mature 3T3-L1 adipocytes via PPARÎ³ and GLUT4 upregulation. Scientific Reports, 2017, 7, 17192.	1.6	43
46	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
47	Aminoglycoside-driven biosynthesis of selenium-deficient Selenoprotein P. Scientific Reports, 2017, 7, 4391.	1.6	17
48	3-Iodothyronamine Decreases Expression of Genes Involved in Iodide Metabolism in Mouse Thyroids and Inhibits Iodide Uptake in PCCL3 Thyrocytes. Thyroid, 2017, 27, 11-22.	2.4	26
49	Igniting stage two in Endocrine Connections. Endocrine Connections, 2017, 6, E1-E2.	0.8	0
50	Editorial: Get inspired - Lessons learned from evolution of thyroid hormone signaling in developmental processes. Molecular and Cellular Endocrinology, 2017, 459, 1-4.	1.6	2
51	Quantification of Relaxin-2 Connecting Peptide (Pro-RLX2) in Human Blood Samples. journal of applied laboratory medicine, The, 2017, 2, 322-334.	0.6	2
52	A validated LC-MS/MS method for cellular thyroid hormone metabolism: Uptake and turnover of mono-iodinated thyroid hormone metabolites by PCCL3 thyrocytes. PLoS ONE, 2017, 12, e0183482.	1.1	17
53	Sex-specific phenotypes of hyperthyroidism and hypothyroidism in aged mice. Biology of Sex Differences, 2017, 8, 38.	1.8	20
54	Avoiding the pitfalls when quantifying thyroid hormones and their metabolites using mass spectrometric methods: The role of quality assurance. , 2017, 458, 44-44.		1

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55	Restoration of type 1 iodothyronine deiodinase expression in renal cancer cells downregulates oncoproteins and affects key metabolic pathways as well as anti-oxidative system. PLoS ONE, 2017, 12, e0190179.	1.1	17
56	Differential Modulation of Adrenergic Receptor Signaling by Octopamine, Tyramine, Phenylethylamine, and 3-Iodothyronamine. , 2016, , 63-81.		2
57	Few Amino Acid Exchanges Expand the Substrate Spectrum of Monocarboxylate Transporter 10*. Molecular Endocrinology, 2016, 30, 796-808.	3.7	17
58	A Nonradioactive DEHAL Assay for Testing Substrates, Inhibitors, and Monitoring Endogenous Activity. Endocrinology, 2016, 157, 4516-4525.	1.4	16
59	Minireview: Insights Into the Structural and Molecular Consequences of the TSH-Î² Mutation C105Vfs114X. Molecular Endocrinology, 2016, 30, 954-964.	3.7	10
60	Sex-specific phenotypes of hyperthyroidism and hypothyroidism in mice. Biology of Sex Differences, 2016, 7, 36.	1.8	34
61	Thyroid hormone status defines brown adipose tissue activity and browning of white adipose tissues in mice. Scientific Reports, 2016, 6, 38124.	1.6	71
62	Silychristin, a Flavonolignan Derived From the Milk Thistle, Is a Potent Inhibitor of the Thyroid Hormone Transporter MCT8. Endocrinology, 2016, 157, 1694-1701.	1.4	54
63	Factors impacting the aminoglycoside-induced UGA stop codon readthrough in selenoprotein translation. Journal of Trace Elements in Medicine and Biology, 2016, 37, 104-110.	1.5	12
64	Thyronamines and Derivatives: Physiological Relevance, Pharmacological Actions, and Future Research Directions. Thyroid, 2016, 26, 1656-1673.	2.4	70
65	Circulating 3-T1AM and 3,5-T2 in Critically Ill Patients: A Cross-Sectional Observational Study. Thyroid, 2016, 26, 1674-1680.	2.4	27
66	Chemical Hybridization of Glucagon and Thyroid Hormone Optimizes Therapeutic Impact for Metabolic Disease. Cell, 2016, 167, 843-857.e14.	13.5	153
67	Efficacy of protocols for induction of chronic hyperthyroidism in male and female mice. Endocrine, 2016, 54, 47-54.	1.1	18
68	Selenium and Endocrine Tissues. , 2016, , 389-400.		2
69	High Variability of Insulin Sensitivity in Closely Related Obese Mouse Inbred Strains. Experimental and Clinical Endocrinology and Diabetes, 2016, 124, 519-528.	0.6	7
70	Selenoprotein Gene Nomenclature. Journal of Biological Chemistry, 2016, 291, 24036-24040.	1.6	207
71	Thyroid hormone and its metabolites in relation to quality of life in patients treated for differentiated thyroid cancer. Clinical Endocrinology, 2016, 85, 781-788.	1.2	41
72	High levels of thyroid-stimulating hormone are associated with aortic wall thickness in the general population. European Radiology, 2016, 26, 4490-4496.	2.3	8

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73	3,5-T2 alters murine genes relevant for xenobiotic, steroid, and thyroid hormone metabolism. Journal of Molecular Endocrinology, 2016, 56, 311-323.	1.1	28
74	Exposure to Thyroid-Disrupting Chemicals: A Transatlantic Call for Action. Thyroid, 2016, 26, 479-480.	2.4	16
75	3-Iodothyronamine increases transient receptor potential melastatin channel 8 (TRPM8) activity in immortalized human corneal epithelial cells. Cellular Signalling, 2016, 28, 136-147.	1.7	41
76	Selenoprotein P and Selenium Distribution in Mammals. , 2016, , 261-274.		8
77	Establishment of an Effective Radioiodide Thyroid Ablation Protocol in Mice. European Thyroid Journal, 2015, 4, 74-80.	1.2	8
78	Differences in Mouse Hepatic Thyroid Hormone Transporter Expression with Age and Hyperthyroidism. European Thyroid Journal, 2015, 4, 81-86.	1.2	22
79	Serum Thyrotropin Concentrations Are Not Associated with the Ankle-Brachial Index: Results from Three Population-Based Studies. European Thyroid Journal, 2015, 4, 101-107.	1.2	3
80	Involvement of the L-Type Amino Acid Transporter Lat2 in the Transport of 3,3â€²-Diiodothyronine across the Plasma Membrane. European Thyroid Journal, 2015, 4, 42-50.	1.2	22
81	The Multitarget Ligand 3-Iodothyronamine Modulates Î²-Adrenergic Receptor 2 Signaling. European Thyroid Journal, 2015, 4, 21-29.	1.2	31
82	Lokalisation und Verteilung von Selenoprotein P im humanen Gehirn. Perspectives in Science, 2015, 3, 9-11.	0.6	0
83	Establishment and characterization of a new ELISA for selenoprotein P. Perspectives in Science, 2015, 3, 23-24.	0.6	4
84	Selenium and the thyroid. Current Opinion in Endocrinology, Diabetes and Obesity, 2015, 22, 392-401.	1.2	134
85	A Nonradioactive Uptake Assay for Rapid Analysis of Thyroid Hormone Transporter Function. Endocrinology, 2015, 156, 2739-2745.	1.4	21
86	3-iodothyronamine differentially modulates Î±-2A-adrenergic receptor-mediated signaling. Journal of Molecular Endocrinology, 2015, 54, 205-216.	1.1	54
87	Quantitative Analysis of Thyroid Hormone Metabolites in Cell Culture Samples Using LC-MS/MS. European Thyroid Journal, 2015, 4, 51-58.	1.2	35
88	Testosterone and estradiol treatments differently affect pituitary-thyroid axis and liver deiodinase 1 activity in orchidectomized middle-aged rats. Experimental Gerontology, 2015, 72, 85-98.	1.2	24
89	Trace Amine-Associated Receptor 1 Localization at the Apical Plasma Membrane Domain of Fisher Rat Thyroid Epithelial Cells Is Confined to Cilia. European Thyroid Journal, 2015, 4, 30-41.	1.2	28
90	Urine Metabolomics by 1H-NMR Spectroscopy Indicates Associations between Serum 3,5-T2 Concentrations and Intermediary Metabolism in Euthyroid Humans. European Thyroid Journal, 2015, 4, 92-100.	1.2	32

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91	Nonthyroidal Illness Syndrome in Cardiac Illness Involves Elevated Concentrations of 3,5-Diiodothyronine and Correlates with Atrial Remodeling. European Thyroid Journal, 2015, 4, 129-137.	1.2	67
92	High T3, Low T4 Serum Levels in Mct8 Deficiency Are Not Caused by Increased Hepatic Conversion through Type I Deiodinase. European Thyroid Journal, 2015, 4, 87-91.	1.2	10
93	3,5-Diiodo-L-Thyronine (3,5-T₂) Exerts Thyromimetic Effects on Hypothalamus-Pituitary-Thyroid Axis, Body Composition, and Energy Metabolism in Male Diet-Induced Obese Mice. Endocrinology, 2015, 156, 389-399.	1.4	97
94	Translating Pharmacological Findings from Hypothyroid Rodents to Euthyroid Humans: Is There a Functional Role of Endogenous 3,5-T2?. Thyroid, 2015, 25, 188-197.	2.4	35
95	Structural Insights Into Thyroid Hormone Transport Mechanisms of the L-Type Amino Acid Transporter 2. Molecular Endocrinology, 2015, 29, 933-942.	3.7	20
96	The Effects of Thyroid Hormones on Gene Expression of Acyl-Coenzyme A Thioesterases in Adipose Tissue and Liver of Mice. European Thyroid Journal, 2015, 4, 59-66.	1.2	12
97	Hyperthyroidism and Hypothyroidism in Male Mice and Their Effects on Bone Mass, Bone Turnover, and the Wnt Inhibitors Sclerostin and Dickkopf-1. Endocrinology, 2015, 156, 3517-3527.	1.4	53
98	Biosynthesis of 3-Iodothyronamine From T4 in Murine Intestinal Tissue. Endocrinology, 2015, 156, 4356-4364.	1.4	63
99	Chronic Kidney Disease Distinctly Affects Relationship Between Selenoprotein P Status and Serum Thyroid Hormone Parameters. Thyroid, 2015, 25, 1091-1096.	2.4	14
100	An Improved Nonradioactive Screening Method Identifies Genistein and Xanthohumol as Potent Inhibitors of Iodothyronine Deiodinases. Thyroid, 2015, 25, 962-968.	2.4	59
101	Thyronamine induces TRPM8 channel activation in human conjunctival epithelial cells. Cellular Signalling, 2015, 27, 315-325.	1.7	43
102	Inverse Agonistic Action of 3-Iodothyronamine at the Human Trace Amine-Associated Receptor 5. PLoS ONE, 2015, 10, e0117774.	1.1	62
103	Quantitative analysis of thyroid hormone metabolites in cell culture samples using LC-MS/MS. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
104	Effects of the thyroid hormone metabolite 3,5-T2 on murine heart tissue and the cardiomyocyte cell line H9C2. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
105	Phenotypic and molecular characterization of age-dependent thyroid hormone action in mice. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
106	Influence of thyroid hormones on brown adipose tissue activity and browning of white adipose tissues in mice. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
107	Towards the intestinal biosynthesis of 3-iodothyronamine. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
108	Abnormal circulating thyroid hormone levels in MCT8-deficiency are not caused by increased hepatic conversion through type i-deiodinase. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0

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109	New G protein coupled receptor targets for 3-iodotyronamine. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
110	Effects of repeated 3-T1AM treatment on thyrocytes in mice. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
111	Establishment of a non-isotopic activity assay for thyroid hormone transporters. Experimental and Clinical Endocrinology and Diabetes, 2015, 122, .	0.6	0
112	Analysis of Human TAAR8 and Murine Taar8b Mediated Signaling Pathways and Expression Profile. International Journal of Molecular Sciences, 2014, 15, 20638-20655.	1.8	23
113	Thyroxine: beneficial for mutated TRÎ± receptors thwarting thyroid hormone action?. Lancet Diabetes and Endocrinology,the, 2014, 2, 602-603.	5.5	1
114	Selenium status in patients with autoimmune and non-autoimmune thyroid diseases from four European countries. Expert Review of Endocrinology and Metabolism, 2014, 9, 685-692.	1.2	12
115	Crystal structure of mammalian selenocysteine-dependent iodothyronine deiodinase suggests a peroxiredoxin-like catalytic mechanism. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 10526-10531.	3.3	89
116	High Serum Thyrotropin Levels Are Associated with Retinal Arteriolar Narrowing in the General Population. Thyroid, 2014, 24, 1473-1478.	2.4	21
117	Transport of Thyroid Hormone in Brain. Frontiers in Endocrinology, 2014, 5, 98.	1.5	77
118	Supplementieren oder nicht? Das Spurenelement Selen. Perspectives in Medicine, 2014, 2, 72-78.	0.4	0
119	Selenite supplementation in euthyroid subjects with thyroid peroxidase antibodies. Clinical Endocrinology, 2014, 80, 444-451.	1.2	49
120	Detection of 3,5-Diiodothyronine in Sera of Patients with Altered Thyroid Status Using a New Monoclonal Antibody-Based Chemiluminescence Immunoassay. Thyroid, 2014, 24, 1350-1360.	2.4	64
121	Hepatic metabolite profiles in mice with a suboptimal selenium status. Journal of Nutritional Biochemistry, 2014, 25, 914-922.	1.9	20
122	Soy isoflavones interfere with thyroid hormone homeostasis in orchidectomized middle-aged rats. Toxicology and Applied Pharmacology, 2014, 278, 124-134.	1.3	28
123	Role of 3,5-diiodothyronine in chronic kidney disease. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, .	0.6	3
124	Hormone des Hypothalamus und der Hypophyse. Springer-Lehrbuch, 2014, , 483-494.	0.1	0
125	Steroidhormone â€" Produkte von Nebennierenrinde und KeimdrÃ¼sen. Springer-Lehrbuch, 2014, , 495-511.	0.1	0
126	SchilddrÃ¼senhormone â€" Zentrale Regulatoren von Entwicklung, Wachstum, Grundumsatz, Stoffwechsel und Zelldifferenzierung. Springer-Lehrbuch, 2014, , 512-527.	0.1	0

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127	Screening assays on inhibitors, modulators and substrates of deiodinase and dehalogenase activities. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, .	0.6	0
128	Functional and metabolic responses of thyrocytes to 3-Iodothyronamine (3-T1AM). Experimental and Clinical Endocrinology and Diabetes, 2014, 122, .	0.6	0
129	Evidence for thyromimetic action of 3,5-T2 in diet-induced obese mice. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, .	0.6	0
130	The mouse Leydig cell line MLTC-1 prefers L-thyroxine over 3,3',5-triiodo-L-thyronine in transport across plasma membrane and shows steroidogenesis response to thyroid hormone treatment. Experimental and Clinical Endocrinology and Diabetes, 2014, 122, .	0.6	0
131	Aspects of 3-iodothyronamine (3T1AM) induced signaling by human and mouse trace amine-associated receptor 5 (TAAR5). Experimental and Clinical Endocrinology and Diabetes, 2014, 122, .	0.6	0
132	Function of thyroid hormone transporters in the central nervous system. Biochimica Et Biophysica Acta - General Subjects, 2013, 1830, 3965-3973.	1.1	48
133	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
134	Serum selenium is low in newly diagnosed <scp>G</scp>ravesâ€™ disease: a populationâ€based study. Clinical Endocrinology, 2013, 79, 584-590.	1.2	84
135	Autoantibodies to the IGF1 Receptor in Graves' Orbitopathy. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 752-760.	1.8	77
136	Evaluation of the Association between Persistent Organic Pollutants (POPs) and Diabetes in Epidemiological Studies: A National Toxicology Program Workshop Review. Environmental Health Perspectives, 2013, 121, 774-783.	2.8	280
137	Selenium and the thyroid. Current Opinion in Endocrinology, Diabetes and Obesity, 2013, 20, 441-448.	1.2	60
138	Serum 25-Hydroxyvitamin D and Cancer Risk in Older Adults: Results from a Large German Prospective Cohort Study. Cancer Epidemiology Biomarkers and Prevention, 2013, 22, 905-916.	1.1	61
139	Se- and S-Based Thiouracil and Methimazole Analogues Exert Different Inhibitory Mechanisms on Type 1 and Type 2 Deiodinases. European Thyroid Journal, 2013, 2, 252-258.	1.2	18
140	Strong associations of 25-hydroxyvitamin D concentrations with all-cause, cardiovascular, cancer, and respiratory disease mortality in a large cohort study. American Journal of Clinical Nutrition, 2013, 97, 782-793.	2.2	238
141	Establishment of a competitive chemiluminescence immunoassay to detect 3,5-T2 in human serum. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, .	0.6	1
142	Strong associations of 25-hydroxyvitamin D levels with all-cause, cardiovascular, cancer and respiratory disease mortality in a large cohort study. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, .	0.6	1
143	Thyroid hormone transporters during testicular development in rodents. Experimental and Clinical Endocrinology and Diabetes, 2013, 121, .	0.6	0
144	Orchidectomy of middle-aged rats decreases liver deiodinase 1 and pituitary deiodinase 2 activity. Journal of Endocrinology, 2012, 215, 247-256.	1.2	21

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145	Tyrosine Kinase Inhibitors Noncompetitively Inhibit MCT8-Mediated Iodothyronine Transport. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E100-E105.	1.8	84
146	Identification of Iopanoic Acid as Substrate of Type 1 Deiodinase by a Novel Nonradioactive Iodide-Release Assay. Endocrinology, 2012, 153, 2506-2513.	1.4	56
147	Thyroid Function Is Maintained Despite Increased Oxidative Stress in Mice Lacking Selenoprotein Biosynthesis in Thyroid Epithelial Cells. Antioxidants and Redox Signaling, 2012, 17, 902-913.	2.5	37
148	LCâ€“MS/MS detection of thyroid hormone metabolites in tissue samples. Expert Review of Endocrinology and Metabolism, 2012, 7, 511-513.	1.2	2
149	Plasma Bile Acids Are Associated with Energy Expenditure and Thyroid Function in Humans. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 535-542.	1.8	57
150	Bone Turnover and Bone Mineral Density Are Independently Related to Selenium Status in Healthy Euthyroid Postmenopausal Women. Journal of Clinical Endocrinology and Metabolism, 2012, 97, 4061-4070.	1.8	91
151	Standardization of Misleading Immunoassay Based 25-Hydroxyvitamin D Levels with Liquid Chromatography Tandem-Mass Spectrometry in a Large Cohort Study. PLoS ONE, 2012, 7, e48774.	1.1	46
152	Inhibition of xanthine oxidase reduces wasting and improves outcome in a rat model of cancer cachexia. International Journal of Cancer, 2012, 131, 2187-2196.	2.3	51
153	Does the aromatic l-amino acid decarboxylase contribute to thyronamine biosynthesis?. Molecular and Cellular Endocrinology, 2012, 349, 195-201.	1.6	37
154	Differential Modulation of Beta-Adrenergic Receptor Signaling by Trace Amine-Associated Receptor 1 Agonists. PLoS ONE, 2011, 6, e27073.	1.1	54
155	Circulating Levels of Peroxiredoxin 4 as a Novel Biomarker of Oxidative Stress in Patients with Sepsis. Shock, 2011, 35, 460-465.	1.0	40
156	Aminoaciduria, but normal thyroid hormone levels and signalling, in mice lacking the amino acid and thyroid hormone transporter Slc7a8. Biochemical Journal, 2011, 439, 249-255.	1.7	55
157	Copeptin and Peroxiredoxin-4 Independently Predict Mortality in Patients With Nonspecific Complaints Presenting to the Emergency Department. Academic Emergency Medicine, 2011, 18, 851-859.	0.8	38
158	Comparison of different selenocompounds with respect to nutritional value vs. toxicity using liver cells in culture. Journal of Nutritional Biochemistry, 2011, 22, 945-955.	1.9	102
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