

Eddy Rijntjes

List of Publications by Year in descending order

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Version: 2024-02-01

51
papers

1,470
citations

304602

22
h-index

345118

36
g-index

52
all docs

52
docs citations

52
times ranked

2080
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. <i>Toxicology Letters</i> , 2022, 354, 44-55.	0.4	12
2	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. <i>Frontiers in Toxicology</i> , 2022, 4, 822993.	1.6	3
3	Increased Incidence of Hashimoto Thyroiditis in Selenium Deficiency: A Prospective 6-Year Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, e3603-e3611.	1.8	13
4	Testing for heterotopia formation in rats after developmental exposure to selected in vitro inhibitors of thyroperoxidase. <i>Environmental Pollution</i> , 2021, 283, 117135.	3.7	19
5	Serum selenium, selenoprotein P and glutathione peroxidase 3 as predictors of mortality and recurrence following breast cancer diagnosis: A multicentre cohort study. <i>Redox Biology</i> , 2021, 47, 102145.	3.9	40
6	Pronounced Trace Element Variation in Follicular Fluids of Subfertile Women Undergoing Assisted Reproduction. <i>Nutrients</i> , 2021, 13, 4134.	1.7	13
7	Lack of the Thyroid Hormone Transporter Mct8 in Osteoblast and Osteoclast Progenitors Increases Trabecular Bone in Male Mice. <i>Thyroid</i> , 2020, 30, 329-342.	2.4	9
8	Selenium deficiency is linearly associated with hypoglycemia in healthy adults. <i>Redox Biology</i> , 2020, 37, 101709.	3.9	23
9	Disruption of <sc>BMP</sc> Signaling Prevents Hyperthyroidism-Induced Bone Loss in Male Mice. <i>Journal of Bone and Mineral Research</i> , 2020, 35, 2058-2069.	3.1	13
10	A combined LC-MS/MS and LC-MS3 multi-method for the quantification of iodothyronines in human blood serum. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5605-5616.	1.9	23
11	The Role of Dickkopf-1 in Thyroid Hormone-Induced Changes of Bone Remodeling in Male Mice. <i>Endocrinology</i> , 2019, 160, 664-674.	1.4	12
12	Role of Selenium Intake for Risk and Development of Hyperthyroidism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 568-580.	1.8	22
13	3,5-T2- A Janus-Faced Thyroid Hormone Metabolite Exerts Both Canonical T3-Mimetic Endocrine and Intracrine Hepatic Action. <i>Frontiers in Endocrinology</i> , 2019, 10, 787.	1.5	17
14	A combined LC-MS/MS and LC-MS3 multi-method for the quantification of iodothyronines in human blood serum. , 2019, 411, 5605.		1
15	A combined LC-MS/MS and LC-MS3 multi-method for the quantification of iodothyronines in human blood serum. , 2019, 411, 5605.		1
16	The Effect of High Dose Isoflavone Supplementation on Serum Reverse T3 in Euthyroid Men With Type 2 Diabetes and Post-menopausal Women. <i>Frontiers in Endocrinology</i> , 2018, 9, 698.	1.5	9
17	Canonical TSH Regulation of Cathepsin-Mediated Thyroglobulin Processing in the Thyroid Gland of Male Mice Requires Taar1 Expression. <i>Frontiers in Pharmacology</i> , 2018, 9, 221.	1.6	22
18	Sex-specific and inter-individual differences in biomarkers of selenium status identified by a calibrated ELISA for selenoprotein P. <i>Redox Biology</i> , 2017, 11, 403-414.	3.9	79

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19	Avoiding the pitfalls when quantifying thyroid hormones and their metabolites using mass spectrometric methods: The role of quality assurance. <i>Molecular and Cellular Endocrinology</i> , 2017, 458, 44-56.	1.6	26
20	Gene expression analysis and microdialysis suggest hypothalamic triiodothyronine (T3) gates daily torpor in Djungarian hamsters (<i>Phodopus sungorus</i>). <i>Journal of Comparative Physiology B: Biochemical, Systemic, and Environmental Physiology</i> , 2017, 187, 857-868.	0.7	16
21	Prolonged hypothyroidism severely reduces ovarian follicular reserve in adult rats. <i>Journal of Ovarian Research</i> , 2017, 10, 19.	1.3	26
22	Sclerostin Blockade and Zoledronic Acid Improve Bone Mass and Strength in Male Mice With Exogenous Hyperthyroidism. <i>Endocrinology</i> , 2017, 158, 3765-3777.	1.4	20
23	Severe selenium deficits in pregnant women irrespective of autoimmune thyroid disease in an area with marginal selenium intake. <i>Journal of Trace Elements in Medicine and Biology</i> , 2017, 44, 186-191.	1.5	42
24	Noncanonical thyroid hormone signaling mediates cardiometabolic effects in vivo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E11323-E11332.	3.3	93
25	3-Iodothyronamine Decreases Expression of Genes Involved in Iodide Metabolism in Mouse Thyroids and Inhibits Iodide Uptake in PCCL3 Thyrocytes. <i>Thyroid</i> , 2017, 27, 11-22.	2.4	26
26	Transient Hypothyroidism: Dual Effect on Adult-Type Leydig Cell and Sertoli Cell Development. <i>Frontiers in Physiology</i> , 2017, 8, 323.	1.3	11
27	A validated LC-MS/MS method for cellular thyroid hormone metabolism: Uptake and turnover of mono-iodinated thyroid hormone metabolites by PCCL3 thyrocytes. <i>PLoS ONE</i> , 2017, 12, e0183482.	1.1	17
28	Copper to Zinc Ratio as Disease Biomarker in Neonates with Early-Onset Congenital Infections. <i>Nutrients</i> , 2017, 9, 343.	1.7	32
29	Restoration of type 1 iodothyronine deiodinase expression in renal cancer cells downregulates oncoproteins and affects key metabolic pathways as well as anti-oxidative system. <i>PLoS ONE</i> , 2017, 12, e0190179.	1.1	17
30	Thyroid hormone status defines brown adipose tissue activity and browning of white adipose tissues in mice. <i>Scientific Reports</i> , 2016, 6, 38124.	1.6	71
31	Selenium status in neonates with connatal infection. <i>British Journal of Nutrition</i> , 2016, 116, 504-513.	1.2	17
32	Dietary-Induced Chronic Hypothyroidism Negatively Affects Rat Follicular Development and Ovulation Rate and Is Associated with Oxidative Stress ¹ . <i>Biology of Reproduction</i> , 2016, 94, 90.	1.2	22
33	Establishment of an Effective Radioiodide Thyroid Ablation Protocol in Mice. <i>European Thyroid Journal</i> , 2015, 4, 74-80.	1.2	8
34	Quantitative Analysis of Thyroid Hormone Metabolites in Cell Culture Samples Using LC-MS/MS. <i>European Thyroid Journal</i> , 2015, 4, 51-58.	1.2	35
35	Nonthyroidal Illness Syndrome in Cardiac Illness Involves Elevated Concentrations of 3,5-Diiodothyronine and Correlates with Atrial Remodeling. <i>European Thyroid Journal</i> , 2015, 4, 129-137.	1.2	67
36	High T3, Low T4 Serum Levels in Mct8 Deficiency Are Not Caused by Increased Hepatic Conversion through Type I Deiodinase. <i>European Thyroid Journal</i> , 2015, 4, 87-91.	1.2	10

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37	The Effects of Thyroid Hormones on Gene Expression of Acyl-Coenzyme A Thioesterases in Adipose Tissue and Liver of Mice. <i>European Thyroid Journal</i> , 2015, 4, 59-66.	1.2	12
38	Hyperthyroidism and Hypothyroidism in Male Mice and Their Effects on Bone Mass, Bone Turnover, and the Wnt Inhibitors Sclerostin and Dickkopf-1. <i>Endocrinology</i> , 2015, 156, 3517-3527.	1.4	53
39	Biosynthesis of 3-Iodothyronamine From T4 in Murine Intestinal Tissue. <i>Endocrinology</i> , 2015, 156, 4356-4364.	1.4	63
40	Thyroid hormone status affects expression of daily torpor and gene transcription in Djungarian hamsters (<i>Phodopus sungorus</i>). <i>Hormones and Behavior</i> , 2015, 75, 120-129.	1.0	25
41	Selenoprotein P in seminal fluid is a novel biomarker of sperm quality. <i>Biochemical and Biophysical Research Communications</i> , 2014, 443, 905-910.	1.0	35
42	Selenoprotein P is the essential selenium transporter for bones. <i>Metallomics</i> , 2014, 6, 1043-1049.	1.0	44
43	Mechanism-based testing strategy using in vitro approaches for identification of thyroid hormone disrupting chemicals. <i>Toxicology in Vitro</i> , 2013, 27, 1320-1346.	1.1	165
44	Mammalian Trit1 is a tRNA[Ser]Sec-isopentenyl transferase required for full selenoprotein expression. <i>Biochemical Journal</i> , 2013, 450, 427-432.	1.7	45
45	Se- and S-Based Thiouracil and Methimazole Analogues Exert Different Inhibitory Mechanisms on Type 1 and Type 2 Deiodinases. <i>European Thyroid Journal</i> , 2013, 2, 252-258.	1.2	18
46	Chronic hypothyroidism only marginally affects adult-type Leydig cell regeneration after EDS administration. <i>Journal of Developmental and Physical Disabilities</i> , 2010, 33, e123-31.	3.6	2
47	Prenatal induced chronic dietary hypothyroidism delays but does not block adult-type Leydig cell development. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E305-E314.	1.8	18
48	Dietary-induced Hyperthyroidism Marginally Affects Neonatal Testicular Development. <i>Journal of Andrology</i> , 2008, 29, 643-653.	2.0	24
49	The development of rat Leydig cell progenitors in vitro: how essential is luteinizing hormone?. <i>Journal of Endocrinology</i> , 2007, 194, 579-593.	1.2	54
50	Oncostatin-M inhibits luteinizing hormone stimulated Leydig cell progenitor formation in vitro. <i>Reproductive Biology and Endocrinology</i> , 2007, 5, 43.	1.4	7
51	Dynamics of Leydig Cell Regeneration After EDS. , 2007, , 91-116.		17