

# Tim I M Korevaar

## List of Publications by Year in descending order

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107  
papers

4,261  
citations

136740

32  
h-index

128067

60  
g-index

108  
all docs

108  
docs citations

108  
times ranked

4185  
citing authors

#	ARTICLE	IF	CITATIONS
1	Association of maternal thyroid function during early pregnancy with offspring IQ and brain morphology in childhood: a population-based prospective cohort study. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 35-43.	5.5	381
2	Thyroid disease in pregnancy: new insights in diagnosis and clinical management. <i>Nature Reviews Endocrinology</i> , 2017, 13, 610-622.	4.3	269
3	Association of Thyroid Function Test Abnormalities and Thyroid Autoimmunity With Preterm Birth. <i>JAMA - Journal of the American Medical Association</i> , 2019, 322, 632.	3.8	224
4	Hypothyroxinemia and TPO-Antibody Positivity Are Risk Factors for Premature Delivery: The Generation R Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 4382-4390.	1.8	209
5	Thyroid Function in Pregnancy: What Is Normal?. <i>Clinical Chemistry</i> , 2015, 61, 704-713.	1.5	153
6	Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.	1.5	150
7	Association of maternal thyroid function with birthweight: a systematic review and individual-participant data meta-analysis. <i>Lancet Diabetes and Endocrinology</i> , 2020, 8, 501-510.	5.5	130
8	Thyroid function and risk of type 2 diabetes: a population-based prospective cohort study. <i>BMC Medicine</i> , 2016, 14, 150.	2.3	123
9	Ethnic Differences in Maternal Thyroid Parameters during Pregnancy: The Generation R Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 3678-3686.	1.8	105
10	Association of Maternal Iodine Status With Child IQ: A Meta-Analysis of Individual Participant Data. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5957-5967.	1.8	95
11	Maternal thyroid function during pregnancy and child brain morphology: a time window-specific analysis of a prospective cohort. <i>Lancet Diabetes and Endocrinology</i> , 2019, 7, 629-637.	5.5	94
12	Reference ranges and determinants of total hCG levels during pregnancy: the Generation R Study. <i>European Journal of Epidemiology</i> , 2015, 30, 1057-1066.	2.5	88
13	Thyroid function and the risk of dementia. <i>Neurology</i> , 2016, 87, 1688-1695.	1.5	86
14	Thyroid Function Within the Normal Range and the Risk of Depression: A Population-Based Cohort Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 1213-1219.	1.8	85
15	Thyroid Function Characteristics and Determinants: The Rotterdam Study. <i>Thyroid</i> , 2016, 26, 1195-1204.	2.4	78
16	Thyroid autoimmunity impairs the thyroïdal response to hCG: two population-based prospective cohort studies. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, jc.2016-2942.	1.8	77
17	Thyroid Function in Early Pregnancy, Child IQ, and Autistic Traits: A Meta-Analysis of Individual Participant Data. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 2967-2979.	1.8	77
18	Maternal Early-Pregnancy Thyroid Function Is Associated With Subsequent Hypertensive Disorders of Pregnancy: The Generation R Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E2591-E2598.	1.8	71

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19	Maternal and Birth Characteristics Are Determinants of Offspring Thyroid Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 206-213.	1.8	70
20	Stimulation of Thyroid Function by Human Chorionic Gonadotropin During Pregnancy: A Risk Factor for Thyroid Disease and a Mechanism for Known Risk Factors. <i>Thyroid</i> , 2017, 27, 440-450.	2.4	61
21	Association of urinary bisphenols and triclosan with thyroid function during early pregnancy. <i>Environment International</i> , 2019, 133, 105123.	4.8	56
22	Iodine Intake is Associated with Thyroid Function in Mild to Moderately Iodine Deficient Pregnant Women. <i>Thyroid</i> , 2018, 28, 1359-1371.	2.4	54
23	Dose Dependency and a Functional Cutoff for TPO-Antibody Positivity During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 778-789.	1.8	52
24	Association of Exposure to Ambient Air Pollution With Thyroid Function During Pregnancy. <i>JAMA Network Open</i> , 2019, 2, e1912902.	2.8	50
25	Association of Thyroid Function and Autoimmunity with Ovarian Reserve in Women Seeking Infertility Care. <i>Thyroid</i> , 2018, 28, 1349-1358.	2.4	49
26	Association between maternal thyroid function and risk of gestational hypertension and pre-eclampsia: a systematic review and individual-participant data meta-analysis. <i>Lancet Diabetes and Endocrinology</i> , 2022, 10, 243-252.	5.5	49
27	Association Between Maternal Thyroid Hormones and Birth Weight at Early and Late Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5853-5863.	1.8	48
28	Clinical associations of maternal thyroid function with foetal brain development: Epidemiological interpretation and overview of available evidence. <i>Clinical Endocrinology</i> , 2018, 89, 129-138.	1.2	47
29	Childhood Thyroid Function Reference Ranges and Determinants: A Literature Overview and a Prospective Cohort Study. <i>Thyroid</i> , 2017, 27, 1360-1369.	2.4	42
30	Thyroid hormone and its metabolites in relation to quality of life in patients treated for differentiated thyroid cancer. <i>Clinical Endocrinology</i> , 2016, 85, 781-788.	1.2	41
31	The Association of Maternal Thyroid Autoimmunity During Pregnancy With Child IQ. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3729-3736.	1.8	36
32	Placental Angiogenic Factors Are Associated With Maternal Thyroid Function and Modify hCG-Mediated FT <sub>4</sub> Stimulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1328-E1334.	1.8	35
33	Cross-sectional associations between urinary triclosan and serum thyroid function biomarker concentrations in women. <i>Environment International</i> , 2019, 122, 256-262.	4.8	35
34	Maternal thyroid hormones during pregnancy, childhood adiposity and cardiovascular risk factors: the Generation R Study. <i>Clinical Endocrinology</i> , 2014, 81, 117-125.	1.2	34
35	Removing Critical Gaps in Chemical Test Methods by Developing New Assays for the Identification of Thyroid Hormone System-Disrupting Chemicals—The ATHENA Project. <i>International Journal of Molecular Sciences</i> , 2020, 21, 3123.	1.8	34
36	Association of urinary bisphenols during pregnancy with maternal, cord blood and childhood thyroid function. <i>Environment International</i> , 2021, 146, 106160.	4.8	34

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37	Association of phthalate exposure with thyroid function during pregnancy. <i>Environment International</i> , 2021, 157, 106795.	4.8	34
38	Maternal total T4 during the first half of pregnancy: physiologic aspects and the risk of adverse outcomes in comparison with free T4. <i>Clinical Endocrinology</i> , 2016, 85, 757-763.	1.2	33
39	The association of maternal thyroid function with placental hemodynamics. <i>Human Reproduction</i> , 2017, 32, 653-661.	0.4	32
40	Trends, Determinants, and Associations of Treated Hypothyroidism in the United Kingdom, 2005â€“2014. <i>Thyroid</i> , 2019, 29, 174-182.	2.4	31
41	Defining Optimal Health Range for Thyroid Function Based on the Risk of Cardiovascular Disease. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 2853-2861.	1.8	30
42	The Risk of Preeclampsia According to High Thyroid Function in Pregnancy Differs by hCG Concentration. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 5037-5043.	1.8	29
43	Reference Ranges and Determinants of Thyroid Function During Early Pregnancy: The SELMA Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 3548-3556.	1.8	28
44	Persistency of Thyroid Dysfunction from Early to Late Pregnancy. <i>Thyroid</i> , 2019, 29, 1475-1484.	2.4	28
45	Thyroid Function and Premature Delivery in TPO Antibodyâ€“Negative Women: The Added Value of hCG. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3360-3367.	1.8	27
46	Human chorionic gonadotropin (hCG) concentrations during the late first trimester are associated with fetal growth in a fetal sex-specific manner. <i>European Journal of Epidemiology</i> , 2017, 32, 135-144.	2.5	27
47	Intensive Care Unitâ€“Specific Virtual Reality for Critically Ill Patients With COVID-19: Multicenter Randomized Controlled Trial. <i>Journal of Medical Internet Research</i> , 2022, 24, e32368.	2.1	27
48	Urinary Concentrations of Phthalate Metabolite Mixtures in Relation to Serum Biomarkers of Thyroid Function and Autoimmunity among Women from a Fertility Center. <i>Environmental Health Perspectives</i> , 2020, 128, 67007.	2.8	26
49	Multivariable Prediction Model for Biochemical Response to First-Generation Somatostatin Receptor Ligands in Acromegaly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 2964-2974.	1.8	26
50	Effects of Thyrotropin on Peripheral Thyroid Hormone Metabolism and Serum Lipids. <i>Thyroid</i> , 2018, 28, 168-174.	2.4	25
51	The upper limit for TSH during pregnancy: why we should stop using fixed limits of 2.5 or 3.0â€“mU/l. <i>Thyroid Research</i> , 2018, 11, 5.	0.7	24
52	Transsphenoidal pituitary surgery in the elderly is safe and effective. <i>British Journal of Neurosurgery</i> , 2014, 28, 616-621.	0.4	23
53	Risk factors and a clinical prediction model for low maternal thyroid function during early pregnancy: two populationâ€“based prospective cohort studies. <i>Clinical Endocrinology</i> , 2016, 85, 902-909.	1.2	23
54	The association of autoimmune thyroid disease (AITD) with psoriatic disease: a prospective cohort study, systematic review and meta-analysis. <i>European Journal of Endocrinology</i> , 2017, 177, 347-359.	1.9	23

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55	Dibutyl-phthalate exposure from mesalamine medications and serum thyroid hormones in men. <i>International Journal of Hygiene and Environmental Health</i> , 2019, 222, 101-110.	2.1	22
56	Thyroid Function during Early Life and Dental Development. <i>Journal of Dental Research</i> , 2017, 96, 1020-1026.	2.5	21
57	Maternal thyroid function, prepregnancy obesity and gestational weight gain—The Generation R Study: A prospective cohort study. <i>Clinical Endocrinology</i> , 2017, 87, 799-806.	1.2	21
58	Gait patterns associated with thyroid function: The Rotterdam Study. <i>Scientific Reports</i> , 2016, 6, 38912.	1.6	19
59	Effect of intensive care unit-specific virtual reality (ICU-VR) to improve psychological well-being and quality of life in COVID-19 ICU survivors: a study protocol for a multicentre, randomized controlled trial. <i>Trials</i> , 2021, 22, 328.	0.7	18
60	Soluble Flt1 and Placental Growth Factor Are Novel Determinants of Newborn Thyroid (Dys)Function: The Generation R Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, E1627-E1634.	1.8	17
61	Exposure to Thyroid-Disrupting Chemicals: A Transatlantic Call for Action. <i>Thyroid</i> , 2016, 26, 479-480.	2.4	16
62	Improving the clinical impact of randomised trials in thyroidology. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 523-525.	5.5	16
63	Organophosphate pesticides exposure in pregnant women and maternal and cord blood thyroid hormone concentrations. <i>Environment International</i> , 2019, 132, 105124.	4.8	16
64	Age-dependent association of thyroid function with brain morphology and microstructural organization: evidence from brain imaging. <i>Neurobiology of Aging</i> , 2018, 61, 44-51.	1.5	15
65	Associations between Human Chorionic Gonadotropin, Maternal Free Thyroxine, and Gestational Diabetes Mellitus. <i>Thyroid</i> , 2021, 31, 1282-1288.	2.4	15
66	Virtual Reality to Improve Sequelae of the Postintensive Care Syndrome: A Multicenter, Randomized Controlled Feasibility Study. , 2021, 3, e0538.		15
67	Postoperative value of serum squamous cell carcinoma antigen as a predictor of recurrence in sinonasal inverted papilloma. <i>Clinical Otolaryngology</i> , 2017, 42, 528-535.	0.6	13
68	The Association of Maternal Iodine Status in Early Pregnancy with Thyroid Function in the Swedish Environmental Longitudinal, Mother and Child, Asthma and Allergy Study. <i>Thyroid</i> , 2019, 29, 1660-1668.	2.4	13
69	Frequent atrial extrasystolic beats predict atrial fibrillation in patients with congenital heart defects. <i>Europace</i> , 2018, 20, 25-32.	0.7	12
70	Association of Maternal Thyroid Function and Thyroidal Response to Human Chorionic Gonadotropin with Early Fetal Growth. <i>Thyroid</i> , 2019, 29, 586-594.	2.4	12
71	Subclinical Hypothyroidism Overdiagnosis in Pregnant Women. <i>JAMA Internal Medicine</i> , 2015, 175, 1872.	2.6	11
72	Maternal Thyroid Function in Early Pregnancy and Child Attention-Deficit Hyperactivity Disorder: An Individual-Participant Meta-Analysis. <i>Thyroid</i> , 2019, 29, 1316-1326.	2.4	11

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73	IGF2-induced hypoglycemia unresponsive to everolimus. QJM - Monthly Journal of the Association of Physicians, 2014, 107, 297-300.	0.2	10
74	Urinary Iodine Concentrations in Pregnant Women and Offspring Brain Morphology. Thyroid, 2021, 31, 964-972.	2.4	10
75	Virtual Reality Tailored to the Needs of Post-ICU Patients: A Safety and Immersiveness Study in Healthy Volunteers. , 2021, 3, e0388.		10
76	Associations Between Prenatal Exposure to Air Pollution and Congenital Hypothyroidism. American Journal of Epidemiology, 2021, 190, 2630-2638.	1.6	10
77	Childhood thyroid function, body composition and cardiovascular function. European Journal of Endocrinology, 2017, 177, 319-327.	1.9	9
78	Aberrant Levels of Hematopoietic/Neuronal Growth and Differentiation Factors in Euthyroid Women at Risk for Autoimmune Thyroid Disease. PLoS ONE, 2016, 11, e0153892.	1.1	9
79	Association of antiepileptic drug usage, trace elements and thyroid hormone status. European Journal of Endocrinology, 2016, 174, 425-432.	1.9	8
80	Evidence-Based Tightrope Walking: The 2017 Guidelines of the American Thyroid Association for the Diagnosis and Management of Thyroid Disease During Pregnancy and the Postpartum. Thyroid, 2017, 27, 309-311.	2.4	8
81	The Association of Thyroid Function With Maternal and Neonatal Homocysteine Concentrations. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4548-4556.	1.8	8
82	The continuous spectrum of thyroid hormone action during early life. Lancet Diabetes and Endocrinology,the, 2016, 4, 721-723.	5.5	7
83	The Association of Thyroid Function With Bone Density During Childhood. Journal of Clinical Endocrinology and Metabolism, 2018, 103, 4125-4134.	1.8	7
84	Thyroid Function Test Abnormalities in Twin Pregnancies. Thyroid, 2021, 31, 572-579.	2.4	7
85	An Invitation to Join the Consortium on Thyroid and Pregnancy. European Thyroid Journal, 2016, 5, 277-277.	1.2	6
86	Maternal Iodine Status During Pregnancy Is Not Consistently Associated with Attention-Deficit Hyperactivity Disorder or Autistic Traits in Children. Journal of Nutrition, 2020, 150, 1516-1528.	1.3	6
87	Familiarity with the post-intensive care syndrome among general practitioners and opportunities to improve their involvement in ICU follow-up care. Intensive Care Medicine, 2022, 48, 1090-1092.	3.9	6
88	An Invitation to Join the Consortium on Thyroid and Pregnancy. Obstetrics and Gynecology, 2016, 128, 913-913.	1.2	5
89	Thyroid Function and Conception. New England Journal of Medicine, 2019, 381, 178-181.	13.9	5
90	Binding Characteristics of Thyroid Hormone Distributor Proteins to Thyroid Hormone Metabolites. Thyroid, 2022, 32, 990-999.	2.4	5

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91	An Invitation to Collaborate in the Consortium on Thyroid and Pregnancy. <i>Obstetrics and Gynecology</i> , 2020, 135, 221-221.	1.2	4
92	Virtual reality for relatives of ICU patients to improve psychological sequelae: study protocol for a multicentre, randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e049704.	0.8	4
93	Euthyroid Thyroperoxidase Antibody Positivity during Pregnancy, to Treat or Not to Treat?. <i>Endocrinology and Metabolism</i> , 2022, 37, 387-391.	1.3	4
94	Antithyroid drugs and congenital malformations. <i>Nature Reviews Endocrinology</i> , 2018, 14, 328-329.	4.3	2
95	The association of urinary concentrations of bisphenol-A, and di-ethylhexyl phthalate metabolites with thyroid function & autoimmunity in women from a fertility center: results from the environment and reproductive health study. <i>Fertility and Sterility</i> , 2019, 112, e15.	0.5	2
96	Letter to the Editor: Methodological comments on the study by Negro et al. entitled "Impact of Levothyroxine in Miscarriage and Preterm Delivery Rates in First Trimester Thyroid Antibody-Positive Women with TSH<math>< 2.5\text{mIU/L}</math>". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, L101-L102.	1.8	2
97	Levothyroxine for the Treatment of Subclinical Hypothyroidism in Thyroperoxidase Antibody Negative Pregnant Women: The Jury Is Still Out. <i>Thyroid</i> , 2022, 32, 349-350.	2.4	2
98	Maternal thyroid function and child IQ " Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , the, 2016, 4, 18.	5.5	1
99	An Invitation to Collaborate in the Consortium on Thyroid and Pregnancy. <i>European Thyroid Journal</i> , 2019, 8, 328-329.	1.2	1
100	Levothyroxine treatment in euthyroid women positive for thyroid peroxidase antibodies and recurrent pregnancy loss. <i>Lancet Diabetes and Endocrinology</i> , the, 2022, , .	5.5	1
101	Association of Maternal Thyroid Function with Gestational Hypercholanemia. <i>Thyroid</i> , 2021, , .	2.4	1
102	A New Modifiable Risk Factor for Schizophrenia?. <i>Biological Psychiatry</i> , 2016, 79, 950-951.	0.7	0
103	The potential benefit of levothyroxine treatment during pregnancy: another step forward. <i>European Journal of Endocrinology</i> , 2017, 176, C3-C5.	1.9	0
104	Pregnant Women of African Descent Have Lower TSH Concentrations and a Lower Risk of TPO-Antibody Positivity. <i>Clinical Thyroidology</i> , 2017, 29, 192-194.	0.0	0
105	Improving Risk Stratification Strategies for Thyroid Disease During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3262-3263.	1.8	0
106	A History of Thyroid Cancer Does Not Meaningfully Complicate Pregnancy. <i>Thyroid</i> , 2019, 29, 758-759.	2.4	0
107	Controlled ovarian hyperstimulation as a stress test for the thyroid. <i>Fertility and Sterility</i> , 2021, 116, 85-86.	0.5	0