

# Tim I M Korevaar

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | 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        |
| 2  | 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         |
| 3  | 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         |
| 4  | 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> , the, 2022, 10, 243-252.        | 5.5 | 49        |
| 5  | Binding Characteristics of Thyroid Hormone Distributor Proteins to Thyroid Hormone Metabolites. <i>Thyroid</i> , 2022, 32, 990-999.  | 2.4 | 5         |
| 6  | Euthyroid Thyroperoxidase Antibody Positivity during Pregnancy, to Treat or Not to Treat?. <i>Endocrinology and Metabolism</i> , 2022, 37, 387-391.  | 1.3 | 4         |
| 7  | Familiarity with the post-intensive care syndrome among general practitioners and opportunities to improve their involvement in ICU follow-up care. <i>Intensive Care Medicine</i> , 2022, 48, 1090-1092.  | 3.9 | 6         |
| 8  | Thyroid Function Test Abnormalities in Twin Pregnancies. <i>Thyroid</i> , 2021, 31, 572-579.   | 2.4 | 7         |
| 9  | Association of urinary bisphenols during pregnancy with maternal, cord blood and childhood thyroid function. <i>Environment International</i> , 2021, 146, 106160.   | 4.8 | 34        |
| 10 | Urinary Iodine Concentrations in Pregnant Women and Offspring Brain Morphology. <i>Thyroid</i> , 2021, 31, 964-972.  | 2.4 | 10        |
| 11 | Associations between Human Chorionic Gonadotropin, Maternal Free Thyroxine, and Gestational Diabetes Mellitus. <i>Thyroid</i> , 2021, 31, 1282-1288.   | 2.4 | 15        |
| 12 | 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        |
| 13 | Virtual Reality Tailored to the Needs of Post-ICU Patients: A Safety and Immersiveness Study in Healthy Volunteers. , 2021, 3, e0388.  |     | 10        |
| 14 | Associations Between Prenatal Exposure to Air Pollution and Congenital Hypothyroidism. <i>American Journal of Epidemiology</i> , 2021, 190, 2630-2638.   | 1.6 | 10        |
| 15 | Controlled ovarian hyperstimulation as a stress test for the thyroid. <i>Fertility and Sterility</i> , 2021, 116, 85-86.   | 0.5 | 0         |
| 16 | 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         |
| 17 | Virtual Reality to Improve Sequelae of the Postintensive Care Syndrome: A Multicenter, Randomized Controlled Feasibility Study. , 2021, 3, e0538.  |     | 15        |
| 18 | Association of phthalate exposure with thyroid function during pregnancy. <i>Environment International</i> , 2021, 157, 106795.  | 4.8 | 34        |

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|----|---|------|-----------|
| 19 | Association of Maternal Thyroid Function with Gestational Hypercholanemia. <i>Thyroid</i> , 2021, , .   | 2.4  | 1         |
| 20 | An Invitation to Collaborate in the Consortium on Thyroid and Pregnancy. <i>Obstetrics and Gynecology</i> , 2020, 135, 221-221.   | 1.2  | 4         |
| 21 | 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        |
| 22 | Maternal Iodine Status During Pregnancy Is Not Consistently Associated with Attention-Deficit Hyperactivity Disorder or Autistic Traits in Children. <i>Journal of Nutrition</i> , 2020, 150, 1516-1528.  | 1.3  | 6         |
| 23 | 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        |
| 24 | 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        |
| 25 | Association of maternal thyroid function with birthweight: a systematic review and individual-participant data meta-analysis. <i>Lancet Diabetes and Endocrinology</i> , the, 2020, 8, 501-510.   | 5.5  | 130       |
| 26 | 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       |
| 27 | Persistency of Thyroid Dysfunction from Early to Late Pregnancy. <i>Thyroid</i> , 2019, 29, 1475-1484.  | 2.4  | 28        |
| 28 | Thyroid Function and Conception. <i>New England Journal of Medicine</i> , 2019, 381, 178-181.   | 13.9 | 5         |
| 29 | Maternal thyroid function during pregnancy and child brain morphology: a time window-specific analysis of a prospective cohort. <i>Lancet Diabetes and Endocrinology</i> , the, 2019, 7, 629-637.   | 5.5  | 94        |
| 30 | Association of Exposure to Ambient Air Pollution With Thyroid Function During Pregnancy. <i>JAMA Network Open</i> , 2019, 2, e1912902.  | 2.8  | 50        |
| 31 | 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        |
| 32 | 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         |
| 33 | 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        |
| 34 | Organophosphate pesticides exposure in pregnant women and maternal and cord blood thyroid hormone concentrations. <i>Environment International</i> , 2019, 132, 105124.   | 4.8  | 16        |
| 35 | Association of urinary bisphenols and triclosan with thyroid function during early pregnancy. <i>Environment International</i> , 2019, 133, 105123.   | 4.8  | 56        |
| 36 | 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        |

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|----|---|-----|-----------|
| 37 | Improving Risk Stratification Strategies for Thyroid Disease During Pregnancy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 3262-3263.  | 1.8 | 0         |
| 38 | A History of Thyroid Cancer Does Not Meaningfully Complicate Pregnancy. <i>Thyroid</i> , 2019, 29, 758-759.   | 2.4 | 0         |
| 39 | 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        |
| 40 | 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        |
| 41 | An Invitation to Collaborate in the Consortium on Thyroid and Pregnancy. <i>European Thyroid Journal</i> , 2019, 8, 328-329.  | 1.2 | 1         |
| 42 | 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        |
| 43 | 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        |
| 44 | Trends, Determinants, and Associations of Treated Hypothyroidism in the United Kingdom, 2005–2014. <i>Thyroid</i> , 2019, 29, 174-182.  | 2.4 | 31        |
| 45 | 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        |
| 46 | Antithyroid drugs and congenital malformations. <i>Nature Reviews Endocrinology</i> , 2018, 14, 328-329.  | 4.3 | 2         |
| 47 | 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        |
| 48 | Effects of Thyrotropin on Peripheral Thyroid Hormone Metabolism and Serum Lipids. <i>Thyroid</i> , 2018, 28, 168-174.   | 2.4 | 25        |
| 49 | Frequent atrial extrasystolic beats predict atrial fibrillation in patients with congenital heart defects. <i>Europace</i> , 2018, 20, 25-32.   | 0.7 | 12        |
| 50 | 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        |
| 51 | Improving the clinical impact of randomised trials in thyroidology. <i>Lancet Diabetes and Endocrinology</i> , 2018, 6, 523-525.  | 5.5 | 16        |
| 52 | 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        |
| 53 | The Association of Thyroid Function With Bone Density During Childhood. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 4125-4134.   | 1.8 | 7         |
| 54 | 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        |

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|----|--|-----|-----------|
| 55 | Association of Thyroid Function and Autoimmunity with Ovarian Reserve in Women Seeking Infertility Care. <i>Thyroid</i> , 2018, 28, 1349-1358.   | 2.4 | 49        |
| 56 | 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        |
| 57 | The upper limit for TSH during pregnancy: why we should stop using fixed limits of 2.5 or 3.0 mU/l. <i>Thyroid Research</i> , 2018, 11, 5.   | 0.7 | 24        |
| 58 | 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        |
| 59 | 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        |
| 60 | 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        |
| 61 | The potential benefit of levothyroxine treatment during pregnancy: another step forward. <i>European Journal of Endocrinology</i> , 2017, 176, C3-C5.  | 1.9 | 0         |
| 62 | 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. <i>Thyroid</i> , 2017, 27, 309-311. | 2.4 | 8         |
| 63 | Thyroid Function during Early Life and Dental Development. <i>Journal of Dental Research</i> , 2017, 96, 1020-1026.  | 2.5 | 21        |
| 64 | 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        |
| 65 | The association of maternal thyroid function with placental hemodynamics. <i>Human Reproduction</i> , 2017, 32, 653-661.   | 0.4 | 32        |
| 66 | Thyroid Function and Premature Delivery in TPO Antibody-Negative Women: The Added Value of hCG. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 3360-3367.  | 1.8 | 27        |
| 67 | The Association of Thyroid Function With Maternal and Neonatal Homocysteine Concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017, 102, 4548-4556.  | 1.8 | 8         |
| 68 | 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        |
| 69 | Childhood thyroid function, body composition and cardiovascular function. <i>European Journal of Endocrinology</i> , 2017, 177, 319-327.   | 1.9 | 9         |
| 70 | 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        |
| 71 | Thyroid disease in pregnancy: new insights in diagnosis and clinical management. <i>Nature Reviews Endocrinology</i> , 2017, 13, 610-622.  | 4.3 | 269       |
| 72 | 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        |

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|----|---|-----|-----------|
| 73 | 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        |
| 74 | 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        |
| 75 | 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         |
| 76 | 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        |
| 77 | An Invitation to Join the Consortium on Thyroid and Pregnancy. <i>European Thyroid Journal</i> , 2016, 5, 277-277.  | 1.2 | 6         |
| 78 | Gait patterns associated with thyroid function: The Rotterdam Study. <i>Scientific Reports</i> , 2016, 6, 38912.  | 1.6 | 19        |
| 79 | Thyroid function and risk of type 2 diabetes: a population-based prospective cohort study. <i>BMC Medicine</i> , 2016, 14, 150.   | 2.3 | 123       |
| 80 | Thyroid Function Characteristics and Determinants: The Rotterdam Study. <i>Thyroid</i> , 2016, 26, 1195-1204.   | 2.4 | 78        |
| 81 | The continuous spectrum of thyroid hormone action during early life. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 721-723.   | 5.5 | 7         |
| 82 | Thyroid function and the risk of dementia. <i>Neurology</i> , 2016, 87, 1688-1695.  | 1.5 | 86        |
| 83 | 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        |
| 84 | Risk factors and a clinical prediction model for low maternal thyroid function during early pregnancy: two population-based prospective cohort studies. <i>Clinical Endocrinology</i> , 2016, 85, 902-909.      | 1.2 | 23        |
| 85 | An Invitation to Join the Consortium on Thyroid and Pregnancy. <i>Obstetrics and Gynecology</i> , 2016, 128, 913-913.   | 1.2 | 5         |
| 86 | 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        |
| 87 | A New Modifiable Risk Factor for Schizophrenia?. <i>Biological Psychiatry</i> , 2016, 79, 950-951.  | 0.7 | 0         |
| 88 | Maternal thyroid function and child IQ – Authors' reply. <i>Lancet Diabetes and Endocrinology</i> , 2016, 4, 18.  | 5.5 | 1         |
| 89 | Exposure to Thyroid-Disrupting Chemicals: A Transatlantic Call for Action. <i>Thyroid</i> , 2016, 26, 479-480.  | 2.4 | 16        |
| 90 | Association of antiepileptic drug usage, trace elements and thyroid hormone status. <i>European Journal of Endocrinology</i> , 2016, 174, 425-432.  | 1.9 | 8         |

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|-----|---|-----|-----------|
| 91  | 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        |
| 92  | 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       |
| 93  | 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>\geq 2.5\text{ mIU/L}</math>". <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, L101-L102. | 1.8 | 2         |
| 94  | Aberrant Levels of Hematopoietic/Neuronal Growth and Differentiation Factors in Euthyroid Women at Risk for Autoimmune Thyroid Disease. <i>PLoS ONE</i> , 2016, 11, e0153892.   | 1.1 | 9         |
| 95  | Subclinical Hypothyroidism Overdiagnosis in Pregnant Women. <i>JAMA Internal Medicine</i> , 2015, 175, 1872.  | 2.6 | 11        |
| 96  | 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        |
| 97  | Thyroid Function in Pregnancy: What Is Normal?. <i>Clinical Chemistry</i> , 2015, 61, 704-713.  | 1.5 | 153       |
| 98  | Placental Angiogenic Factors Are Associated With Maternal Thyroid Function and Modify hCG-Mediated Fetal Growth Stimulation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015, 100, E1328-E1334.  | 1.8 | 35        |
| 99  | 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        |
| 100 | Identification of Novel Genetic Loci Associated with Thyroid Peroxidase Antibodies and Clinical Thyroid Disease. <i>PLoS Genetics</i> , 2014, 10, e1004123.   | 1.5 | 150       |
| 101 | Transsphenoidal pituitary surgery in the elderly is safe and effective. <i>British Journal of Neurosurgery</i> , 2014, 28, 616-621.   | 0.4 | 23        |
| 102 | IGF2-induced hypoglycemia unresponsive to everolimus. <i>QJM - Monthly Journal of the Association of Physicians</i> , 2014, 107, 297-300.   | 0.2 | 10        |
| 103 | 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        |
| 104 | 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        |
| 105 | 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        |
| 106 | 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       |
| 107 | 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       |