

# Mathieu Roelants

## List of Publications by Year in descending order

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Version: 2024-02-01

102  
papers

3,452  
citations

126901

33  
h-index

155644

55  
g-index

116  
all docs

116  
docs citations

116  
times ranked

4664  
citing authors

#	ARTICLE	IF	CITATIONS
1	Passive Suicidal Ideation in Childhood. <i>Crisis</i> , 2023, 44, 100-107.	1.2	5
2	Age-dependent seroprevalence of SARS-CoV-2 antibodies in school-aged children from areas with low and high community transmission. <i>European Journal of Pediatrics</i> , 2022, 181, 571-578.	2.7	23
3	Family-based treatment of children with severe obesity in a public healthcare setting: Results from a randomized controlled trial. <i>Clinical Obesity</i> , 2022, 12, e12513.	2.0	6
4	Perceived team roles of medical students: a five year cross-sectional study. <i>BMC Medical Education</i> , 2022, 22, 198.	2.4	1
5	Reference Curves for Pediatric Endocrinology: Leveraging Biomarker Z-Scores for Clinical Classifications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 2004-2015.	3.6	8
6	Physical Activity Levels of Breast Cancer Patients Before Diagnosis Compared to a Reference Population: A Cross-Sectional Comparative Study. <i>Clinical Breast Cancer</i> , 2022, 22, e708-e717.	2.4	5
7	Beyond sleep duration: Sleep timing as a risk factor for childhood obesity. <i>Pediatric Obesity</i> , 2021, 16, e12698.	2.8	32
8	Increased vaccine uptake and less perceived barriers toward vaccination in long-term care facilities that use multi-intervention manual for influenza campaigns. <i>Human Vaccines and Immunotherapeutics</i> , 2021, 17, 673-680.	3.3	12
9	Dysmorphism and major anomalies are a main predictor of survival in newborns admitted to the neonatal intensive care unit in the Democratic Republic of Congo. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 453-460.	1.2	1
10	Health of 2-year-old children born after vitrified oocyte donation in comparison with peers born after fresh oocyte donation. <i>Human Reproduction Open</i> , 2021, 2021, hoab002.	5.4	5
11	Low BMI, but not high BMI, influences the timing of puberty in boys. <i>Andrology</i> , 2021, 9, 837-845.	3.5	10
12	Seroprevalence of Antibodies against Diphtheria, Tetanus and Pertussis in Adult At-Risk Patients. <i>Vaccines</i> , 2021, 9, 18.	4.4	7
13	Immunogenicity and Safety of the 9-Valent Human Papillomavirus Vaccine in Solid Organ Transplant Recipients and Adults Infected With Human Immunodeficiency Virus (HIV). <i>Clinical Infectious Diseases</i> , 2021, 73, e661-e671.	5.8	20
14	Lockdown and non-COVID-19 deaths: cause-specific mortality during the first wave of the 2020 pandemic in Norway: a population-based register study. <i>BMJ Open</i> , 2021, 11, e050525.	1.9	14
15	Nutritional red flags in children with cerebral palsy. <i>Clinical Nutrition</i> , 2020, 39, 548-553.	5.0	26
16	Testicular Ultrasound to Stratify Hormone References in a Cross-Sectional Norwegian Study of Male Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1888-1898.	3.6	18
17	Norwegian children and adolescents in blended families are at risk of larger one-year BMI increments. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 587-594.	1.5	3
18	Reference data for testicular volume measured with ultrasound and pubic hair in Norwegian boys are comparable with Northern European populations. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1612-1619.	1.5	19

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19	Vaccination coverage of recommended vaccines and determinants of vaccination in at-risk groups. <i>Human Vaccines and Immunotherapeutics</i> , 2020, 16, 2136-2143.	3.3	32
20	Hormone References for Ultrasound Breast Staging and Endocrine Profiling to Detect Female Onset of Puberty. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e4886-e4895.	3.6	16
21	References for Ultrasound Staging of Breast Maturation, Tanner Breast Staging, Pubic Hair, and Menarche in Norwegian Girls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, 1599-1607.	3.6	23
22	Larger head circumference in Icelandic children 0–4 years of age compared to the World Health Organization and Swedish growth charts. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 1184-1189.	1.5	2
23	OUP accepted manuscript. <i>Human Reproduction Open</i> , 2020, 2020, hoz043.	5.4	8
24	Monitoring children and adolescents with severe obesity: body mass index (BMI), BMI z-score or percentage above the International Obesity Task Force overweight cut-off?. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2019, 108, 2261-2266.	1.5	10
25	Metformin Use in PCOS Pregnancies Increases the Risk of Offspring Overweight at 4 Years of Age: Follow-Up of Two RCTs. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2018, 103, 1612-1621.	3.6	136
26	Roland Hauspie (April 8, 1948–April 25, 2017). <i>American Journal of Human Biology</i> , 2018, 30, e23083.	1.6	0
27	Coverage of recommended vaccines during pregnancy in Flanders, Belgium. Fairly good but can we do better?. <i>Vaccine</i> , 2018, 36, 2687-2693.	3.8	18
28	Body fat content, fat distribution and adipocytokine production and their correlation with fertility markers in young adult men and women conceived by intracytoplasmic sperm injection (ICSI). <i>Clinical Endocrinology</i> , 2018, 88, 985-992.	2.4	11
29	Attitudes, beliefs, determinants and organisational barriers behind the low seasonal influenza vaccination uptake in healthcare workers – A cross-sectional survey. <i>Vaccine</i> , 2018, 36, 3351-3358.	3.8	66
30	Severe obesity is a limitation for the use of body mass index standard deviation scores in children and adolescents. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 307-314.	1.5	16
31	Associations between different weight-related anthropometric traits and lifestyle factors in Norwegian children and adolescents: A case for measuring skinfolds. <i>American Journal of Human Biology</i> , 2018, 30, e23187.	1.6	5
32	Growth of children in Greenland exceeds the World Health Organization growth charts. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2018, 107, 1953-1965.	1.5	16
33	Can Flanders resist the measles outbreak? Assessing vaccination coverage in different age groups among Flemish residents. <i>Epidemiology and Infection</i> , 2018, 146, 1043-1047.	2.1	5
34	Growth Failure in Children with Systemic Juvenile Idiopathic Arthritis and Prolonged Inflammation despite Treatment with Biologicals: Late Normalization of Height by Combined Hormonal Therapies. <i>Hormone Research in Paediatrics</i> , 2018, 90, 337-343.	1.8	6
35	Ultrasound-based measurements of testicular volume in 6- to 16-year-old boys – intra- and interobserver agreement and comparison with Prader orchidometry. <i>Pediatric Radiology</i> , 2018, 48, 1771-1778.	2.0	17
36	Ultrasound assessment of pubertal breast development in girls: intra- and interobserver agreement. <i>Pediatric Radiology</i> , 2018, 48, 1576-1583.	2.0	9

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37	Meeting Report: Growth and Social Environment. Proceedings of the 25th Aschauer Soiree, held at Krobietowice, Poland, November 18th 2017. <i>Pediatric Endocrinology Reviews</i> , 2018, 15, 319-329.	1.2	0
38	BMI and BMI SDS in childhood: annual increments and conditional change. <i>Annals of Human Biology</i> , 2017, 44, 28-33.	1.0	15
39	Nutritional status and height, weight and BMI centiles of school-aged children and adolescents of 6â€“18-years from Kinshasa (DRC). <i>Annals of Human Biology</i> , 2017, 44, 554-561.	1.0	7
40	Serum reproductive hormone levels and ultrasound findings in female offspring after intracytoplasmic sperm injection: first results. <i>Fertility and Sterility</i> , 2017, 107, 934-939.	1.0	27
41	Reproductive hormones of ICSI-conceived young adult men: the first results. <i>Human Reproduction</i> , 2017, 32, 439-446.	0.9	40
42	Roland Hauspie (April 8, 1948â€“April 25, 2017). <i>Annals of Human Biology</i> , 2017, 44, 751-753.	1.0	0
43	Timing of menarche in Norwegian girls: associations with body mass index, waist circumference and skinfold thickness. <i>BMC Pediatrics</i> , 2017, 17, 138.	1.7	36
44	Gastric emptying of solids in children: reference values for the <sup>13</sup> C-octanoic acid breath test. <i>Neurogastroenterology and Motility</i> , 2016, 28, 1480-1487.	3.0	23
45	Proposal for An Algorithm for Screening for Undernutrition in Hospitalized Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 63, e86-e91.	1.8	11
46	Neonatal health including congenital malformation risk of 1072 children born after vitrified embryo transfer. <i>Human Reproduction</i> , 2016, 31, 1610-1620.	0.9	84
47	Semen quality of young adult ICSI offspring: the first results. <i>Human Reproduction</i> , 2016, 31, 2811-2820.	0.9	126
48	Gastric Emptying of Liquids in Children. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2016, 62, 403-408.	1.8	21
49	Characteristics of the menstrual cycle in 13-year-old Flemish girls and the impact of menstrual symptoms on social life. <i>European Journal of Pediatrics</i> , 2016, 175, 623-630.	2.7	17
50	Nye referansekurver for vektrelaterte kroppsma�l hos barn. <i>Tidsskrift for Den Norske L�geforening</i> , 2016, 136, 1828-1830.	0.2	1
51	Reference Ranges for Head Circumference in Ethiopian Children 0â€“2 Years of Age. <i>World Neurosurgery</i> , 2015, 84, 1566-1571.e2.	1.3	10
52	Pediatric Reference Values for Tibial Trabecular Bone Mineral Density and Bone Geometry Parameters Using Peripheral Quantitative Computed Tomography. <i>Calcified Tissue International</i> , 2015, 96, 527-533.	3.1	20
53	Should children with overweight or obesity be excluded from height references?. <i>Archives of Disease in Childhood</i> , 2015, 100, 1044-1048.	1.9	6
54	Influenza and pertussis vaccination coverage in pregnant women. <i>Vaccine</i> , 2015, 33, 2125-2131.	3.8	100

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55	Reference Curve for the First-Year Growth Response to Growth Hormone Treatment in Prepubertal Children with Idiopathic Growth Hormone Deficiency: Validation of the KIGS First-Year Growth Response Curve Using the Belgian Register for the Study of Growth and Puberty Problems. <i>Hormone Research in Paediatrics</i> , 2014, 81, 343-349.	1.8	10
56	The effect of dietary estimates calculated using food frequency questionnaires on micronuclei formation in European pregnant women: a NewGeneris study. <i>Mutagenesis</i> , 2014, 29, 393-400.	2.6	11
57	Assessing vaccination coverage in infants, survey studies versus the Flemish immunisation register: Achieving the best of both worlds. <i>Vaccine</i> , 2014, 32, 345-349.	3.8	13
58	Important periods of weight development in childhood: a population-based longitudinal study. <i>BMC Public Health</i> , 2014, 14, 160.	2.9	54
59	Interrelationships between anthropometric variables and overweight in childhood and adolescence. <i>American Journal of Human Biology</i> , 2014, 26, 502-510.	1.6	11
60	Timeliness of infant vaccination and factors related with delay in Flanders, Belgium. <i>Vaccine</i> , 2014, 32, 284-289.	3.8	62
61	Implications of a Data-Driven Approach to Treatment with Growth Hormone in Children with Growth Hormone Deficiency and Turner Syndrome. <i>Applied Health Economics and Health Policy</i> , 2013, 11, 237-249.	2.1	11
62	Growth references for 0-19 year-old Norwegian children for length/height, weight, body mass index and head circumference. <i>Annals of Human Biology</i> , 2013, 40, 220-227.	1.0	131
63	<sc>TV</sc> viewing and obesity among Norwegian children: the importance of parental education. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2013, 102, 199-205.	1.5	39
64	Impact of instrument error on the estimated prevalence of overweight and obesity in population-based surveys. <i>BMC Public Health</i> , 2013, 13, 146.	2.9	18
65	Personalized Approach to Growth Hormone Treatment: Clinical Use of Growth Prediction Models. <i>Hormone Research in Paediatrics</i> , 2013, 79, 257-270.	1.8	76
66	References and cutoffs for triceps and subscapular skinfolds in Norwegian children 4-16 years of age. <i>European Journal of Clinical Nutrition</i> , 2013, 67, 928-933.	2.9	20
67	Gender-Specific Alterations in Salivary Cortisol Levels in Pubertal Intracytoplasmic Sperm Injection Offspring. <i>Hormone Research in Paediatrics</i> , 2013, 80, 350-355.	1.8	7
68	Accurate Long-Term Prediction of Height during the First Four Years of Growth Hormone Treatment in Prepubertal Children with Growth Hormone Deficiency or Turner Syndrome. <i>Hormone Research in Paediatrics</i> , 2012, 78, 8-17.	1.8	25
69	Are ICSI adolescents at risk for increased adiposity?. <i>Human Reproduction</i> , 2012, 27, 257-264.	0.9	80
70	Blood pressure in ICSI-conceived adolescents. <i>Human Reproduction</i> , 2012, 27, 3100-3108.	0.9	44
71	Pubertal development in ICSI children. <i>Human Reproduction</i> , 2012, 27, 1156-1161.	0.9	48
72	Adolescent Growth. , 2012, , 57-79.		10

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73	PIH67 Successful Development of Annual and Long Term Prediction Models to Estimate Height Outcome following Growth Hormone (GH) Therapy in Children Using Data from KIGS – A Large Pharmacoepidemiological Survey. <i>Value in Health</i> , 2011, 14, A409-A410.	0.3	0
74	Maternal and Gestational Factors and Micronucleus Frequencies in Umbilical Blood: The NewGeneris Rhea Cohort in Crete. <i>Environmental Health Perspectives</i> , 2011, 119, 1460-1465.	6.0	31
75	Parental perception of overweight and underweight in children and adolescents. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 260-265.	1.5	39
76	Waist circumference and waist-to-height ratio in Norwegian children 4–18 years of age: Reference values and cut-off levels. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2011, 100, 1576-1582.	1.5	79
77	Growth of Belgian and Norwegian children compared to the WHO growth standards: prevalence below -2 and above +2 SD and the effect of breastfeeding. <i>Archives of Disease in Childhood</i> , 2011, 96, 916-921.	1.9	99
78	Genotoxicity surveillance programme in workers dismantling World War I chemical ammunition. <i>International Archives of Occupational and Environmental Health</i> , 2010, 83, 483-495.	2.3	2
79	Overweight and obesity in Norwegian children: prevalence and socio-demographic risk factors. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2010, 99, 900-905.	1.5	112
80	Exploring the aneugenic and clastogenic potential in the nanosize range: A549 human lung carcinoma cells and amorphous monodisperse silica nanoparticles as models. <i>Nanotoxicology</i> , 2010, 4, 382-395.	3.0	91
81	Breastfeeding, growth and growth standards: Performance of the WHO growth standards for monitoring growth of Belgian children. <i>Annals of Human Biology</i> , 2010, 37, 2-9.	1.0	39
82	ANNOUNCEMENT. <i>Annals of Human Biology</i> , 2010, 37, 1-1.	1.0	9
83	Evaluation of Cellular Immunity to Mumps in Vaccinated Individuals with or without Circulating Antibodies up to 16 Years after Their Last Vaccination. <i>Journal of Infectious Diseases</i> , 2009, 199, 1457-1460.	4.0	27
84	Coverage of recommended vaccines in children at 7–8 years of age in Flanders, Belgium. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2009, 98, 1307-1312.	1.5	29
85	Growth and health outcome of 102 2-year-old children conceived after preimplantation genetic diagnosis or screening. <i>Early Human Development</i> , 2009, 85, 755-759.	1.8	51
86	Common attitudes about concomitant vaccine injections for infants and adolescents in Flanders, Belgium. <i>Vaccine</i> , 2009, 27, 1964-1969.	3.8	11
87	References for growth and pubertal development from birth to 21 years in Flanders, Belgium. <i>Annals of Human Biology</i> , 2009, 36, 680-694.	1.0	281
88	CAREGIVERS™ WILLINGNESS TO PAY TO REDUCE THE NUMBER OF VACCINE INJECTIONS IN INFANTS. <i>Pediatric Infectious Disease Journal</i> , 2009, 28, 61-63.	2.0	8
89	Vaccination coverage and sociodemographic determinants of measles–mumps–rubella vaccination in three different age groups. <i>European Journal of Pediatrics</i> , 2008, 167, 1161-1168.	2.7	46
90	Vaccination Coverage in 14-Year-Old Adolescents: Documentation, Timeliness, and Sociodemographic Determinants. <i>Pediatrics</i> , 2008, 121, e428-e434.	2.1	58

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91	Infant vaccination coverage in 2005 and predictive factors for complete or valid vaccination in Flanders, Belgium: an EPI-survey. <i>Vaccine</i> , 2007, 25, 4940-4948.	3.8	62
92	Long-term persistence of antibodies after one or two doses of MMR-vaccine. <i>Vaccine</i> , 2007, 25, 6672-6676.	3.8	43
93	hOGG1326, XRCC1399 and XRCC3241 polymorphisms influence micronucleus frequencies in human lymphocytes in vivo. <i>Mutagenesis</i> , 2007, 23, 35-41.	2.6	57
94	Genetic susceptibility of newborn daughters to oxidative stress. <i>Toxicology Letters</i> , 2007, 172, 68-84.	0.8	30
95	Overweight and obesity in Norwegian children: Secular trends in weight and height and skinfolds. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2007, 96, 1333-1337.	1.5	68
96	The Effects of GSTM1 and GSTT1 Polymorphisms on Micronucleus Frequencies in Human Lymphocytes In vivo. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006, 15, 1038-1042.	2.5	82
97	CUGE: A SCREENING INSTRUMENT FOR ALCOHOL ABUSE AND DEPENDENCE IN STUDENTS. <i>Alcohol and Alcoholism</i> , 2004, 39, 439-444.	1.6	6
98	Outbreak of mumps in a vaccinated child population: a question of vaccine failure?. <i>Vaccine</i> , 2004, 22, 2713-2716.	3.8	102
99	Priming effect, immunogenicity and safety of an Haemophilus influenzae type b-tetanus toxoid conjugate (PRP-T) and diphtheria-tetanus-acellular pertussis (DTaP) combination vaccine administered to infants in Belgium and Turkey. <i>Vaccine</i> , 1999, 17, 875-886.	3.8	36
100	The effect of reconstitution of an Haemophilus influenzae type b-tetanus toxoid conjugate (PRP-T) vaccine on the immune responses to a diphtheria-tetanus-whole cell pertussis (DTwP) vaccine: a five-year follow-up. <i>Vaccine</i> , 1999, 17, 2588-2598.	3.8	8
101	A survey on attitudes to organ donation among three generations in a country with 10 years of presumed consent legislation. <i>Transplantation Proceedings</i> , 1997, 29, 3224-3225.	0.6	20
102	Implementation of Adolescent Vaccination Programmes Through School. <i>Biologicals</i> , 1997, 25, 155-157.	1.4	0