

Nel Roeleveld

List of Publications by Year in descending order

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134
papers

7,612
citations

53660

45
h-index

56606

83
g-index

139
all docs

139
docs citations

139
times ranked

12875
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association yields new sequence variants at seven loci that associate with measures of obesity. <i>Nature Genetics</i> , 2009, 41, 18-24.	9.4	1,247
2	Web-based Questionnaires: The Future in Epidemiology?. <i>American Journal of Epidemiology</i> , 2010, 172, 1292-1298.	1.6	487
3	The prevalence of mental retardation: a critical review of recent literature. <i>Developmental Medicine and Child Neurology</i> , 1997, 39, 125-132.	1.1	362
4	Association of Gestational Weight Gain With Adverse Maternal and Infant Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2019, 321, 1702.	3.8	344
5	Pregnancy and Birth Cohort Resources in Europe: a Large Opportunity for Aetiological Child Health Research. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 393-414.	0.8	214
6	Pesticide exposure: the hormonal function of the female reproductive system disrupted?. <i>Reproductive Biology and Endocrinology</i> , 2006, 4, 30.	1.4	211
7	Genome-wide association study identifies sequence variants on 6q21 associated with age at menarche. <i>Nature Genetics</i> , 2009, 41, 734-738.	9.4	199
8	Usage patterns of personal care products: Important factors for exposure assessment. <i>Food and Chemical Toxicology</i> , 2013, 55, 8-17.	1.8	169
9	Teratogenic mechanisms of medical drugs. <i>Human Reproduction Update</i> , 2010, 16, 378-394.	5.2	153
10	Nurses With Dermal Exposure to Antineoplastic Drugs. <i>Epidemiology</i> , 2007, 18, 112-119.	1.2	134
11	Presence of ATM protein and residual kinase activity correlates with the phenotype in ataxia-telangiectasia: A genotype-phenotype study. <i>Human Mutation</i> , 2012, 33, 561-571.	1.1	129
12	Exome sequencing identifies <i>DYNC2H1</i> mutations as a common cause of asphyxiating thoracic dystrophy (Jeune syndrome) without major polydactyly, renal or retinal involvement. <i>Journal of Medical Genetics</i> , 2013, 50, 309-323.	1.5	127
13	Characteristics of pregnant illicit drug users and associations between cannabis use and perinatal outcome in a population-based study. <i>Drug and Alcohol Dependence</i> , 2010, 109, 243-247.	1.6	122
14	Risk factors for hypospadias. <i>European Journal of Pediatrics</i> , 2007, 166, 671-678.	1.3	120
15	Prenatal maternal psychological stress and childhood asthma and wheezing: a meta-analysis. <i>European Respiratory Journal</i> , 2016, 47, 133-146.	3.1	105
16	Maternal Periconceptional Illicit Drug Use and the Risk of Congenital Malformations. <i>Epidemiology</i> , 2009, 20, 60-66.	1.2	100
17	Common variants in <i>DGKK</i> are strongly associated with risk of hypospadias. <i>Nature Genetics</i> , 2011, 43, 48-50.	9.4	99
18	Genome-wide association analyses identify variants in developmental genes associated with hypospadias. <i>Nature Genetics</i> , 2014, 46, 957-963.	9.4	97

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19	Hypospadias: risk factor patterns and different phenotypes. <i>BJU International</i> , 2010, 105, 254-262.	1.3	86
20	Drooling in cerebral palsy: hypersalivation or dysfunctional oral motor control?. <i>Developmental Medicine and Child Neurology</i> , 2009, 51, 454-459.	1.1	84
21	Influence of pesticides on male fertility. <i>Scandinavian Journal of Work, Environment and Health</i> , 2007, 33, 13-28.	1.7	83
22	Depression and anxiety during pregnancy: The influence of maternal characteristics. <i>Birth</i> , 2018, 45, 478-489.	1.1	81
23	Prioritization and burden analysis of rare variants in 208 candidate genes suggest they do not play a major role in CAKUT. <i>Kidney International</i> , 2016, 89, 476-486.	2.6	78
24	Occupational exposure to chemical substances and time to pregnancy: a systematic review. <i>Human Reproduction Update</i> , 2012, 18, 284-300.	5.2	75
25	Gestational weight gain charts for different body mass index groups for women in Europe, North America, and Oceania. <i>BMC Medicine</i> , 2018, 16, 201.	2.3	74
26	Ataxia-telangiectasia: Immunodeficiency and survival. <i>Clinical Immunology</i> , 2017, 178, 45-55.	1.4	72
27	The impact of pesticides on male fertility. <i>Current Opinion in Obstetrics and Gynecology</i> , 2008, 20, 229-233.	0.9	71
28	Outcome in shunted hydrocephalic children. <i>European Journal of Paediatric Neurology</i> , 2002, 6, 99-107.	0.7	69
29	Occupational exposure to chemicals and fetal growth: the Generation R Study. <i>Human Reproduction</i> , 2012, 27, 910-920.	0.4	69
30	Mobile Apps for Blood Pressure Monitoring: Systematic Search in App Stores and Content Analysis. <i>JMIR MHealth and UHealth</i> , 2018, 6, e187.	1.8	65
31	Reproductive Disorders among Hairdressers. <i>Epidemiology</i> , 1997, 8, 396.	1.2	64
32	Change in male:female ratio among newborn babies in Netherlands. <i>Lancet, The</i> , 1997, 349, 62.	6.3	64
33	Reproductive disorders among male and female greenhouse workers. <i>Reproductive Toxicology</i> , 2008, 25, 107-114.	1.3	62
34	Exposure to Non-Steroidal Anti-Inflammatory Drugs during Pregnancy and the Risk of Selected Birth Defects: A Prospective Cohort Study. <i>PLoS ONE</i> , 2011, 6, e22174.	1.1	61
35	Research perspectives in the etiology of congenital anorectal malformations using data of the International Consortium on Anorectal Malformations: evidence for risk factors across different populations. <i>Pediatric Surgery International</i> , 2010, 26, 1093-1099.	0.6	58
36	Maternal risk factors involved in specific congenital anomalies of the kidney and urinary tract: A case-control study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2016, 106, 596-603.	1.6	58

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37	Genetic and nongenetic etiology of nonsyndromic anorectal malformations: A systematic review. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2014, 102, 382-400.	3.6	56
38	AGORA, a data and biobank for birth defects and childhood cancer. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2016, 106, 675-684.	1.6	55
39	Reproductive disorders due to chemical exposure among hairdressers. <i>Scandinavian Journal of Work, Environment and Health</i> , 1995, 21, 325-334.	1.7	55
40	Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. <i>PLoS Medicine</i> , 2020, 17, e1003182.	3.9	54
41	A Pooled Analysis to Study Trends in Exposure to Antineoplastic Drugs Among Nurses. <i>Annals of Occupational Hygiene</i> , 2007, 51, 231-9.	1.9	51
42	Maternal Recall of Prescription Medication Use During Pregnancy Using a Paper-Based Questionnaire. <i>Drug Safety</i> , 2013, 36, 43-54.	1.4	50
43	Change in semen quality and sperm chromatin structure following occupational styrene exposure. <i>International Archives of Occupational and Environmental Health</i> , 1999, 72, 135-141.	1.1	49
44	Maternal hypertensive disorders, antihypertensive medication use, and the risk of birth defects: a case-control study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 1002-1009.	1.1	49
45	Validity Issues Relating to Time-to-Pregnancy Studies of Fertility. <i>Epidemiology</i> , 2006, 17, 347-349.	1.2	48
46	Using Bayesian Models to Assess the Effects of Under-reporting of Cannabis Use on the Association with Birth Defects, National Birth Defects Prevention Study, 1997-2005. <i>Paediatric and Perinatal Epidemiology</i> , 2014, 28, 424-433.	0.8	47
47	<i>TRIM28</i> haploinsufficiency predisposes to Wilms tumor. <i>International Journal of Cancer</i> , 2019, 145, 941-951.	2.3	45
48	Genetics of Hypospadias: Are Single-Nucleotide Polymorphisms in <i>SRD5A2</i> , <i>ESR1</i> , <i>ESR2</i> , and <i>ATF3</i> Really Associated with the Malformation?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2384-2390.	1.8	44
49	Essential features of Chiari II malformation in MR imaging: an interobserver reliability study-part 1. <i>Child's Nervous System</i> , 2012, 28, 977-985.	0.6	43
50	Risk factors for different phenotypes of hypospadias: results from a Dutch case-control study. <i>BJU International</i> , 2013, 112, 121-128.	1.3	43
51	Spina Bifida and Parental Occupation. <i>Epidemiology</i> , 1996, 7, 188-193.	1.2	42
52	Is human fecundity declining in Western countries?. <i>Human Reproduction</i> , 2010, 25, 1348-1353.	0.4	40
53	Mental retardation associated with parental smoking and alcohol consumption before, during, and after pregnancy. <i>Preventive Medicine</i> , 1992, 21, 110-119.	1.6	38
54	Neurodevelopmental problems at 18 months among children exposed to paracetamol in utero: a propensity score matched cohort study. <i>International Journal of Epidemiology</i> , 2016, 45, dyw192.	0.9	37

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55	Risk factors for undescended testis. <i>Journal of Pediatric Urology</i> , 2012, 8, 59-66.	0.6	36
56	Drugs associated with teratogenic mechanisms. Part II: a literature review of the evidence on human risks. <i>Human Reproduction</i> , 2014, 29, 168-183.	0.4	34
57	Aggregate dermal exposure to cyclic siloxanes in personal care products: Implications for risk assessment. <i>Environment International</i> , 2015, 74, 231-239.	4.8	33
58	Maternal and paternal risk factors for anorectal malformations: A Dutch case-control study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010, 88, 152-158.	1.6	30
59	Rationale and Design of the Pregnancy and Infant Development (PRIDE) Study. <i>Paediatric and Perinatal Epidemiology</i> , 2013, 27, 34-43.	0.8	30
60	Thickened saliva after effective management of drooling with botulinum toxin A. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, e114-8.	1.1	29
61	Exploration of Gene-Environment Interactions, Maternal Effects and Parent of Origin Effects in the Etiology of Hypospadias. <i>Journal of Urology</i> , 2012, 188, 2354-2360.	0.2	29
62	Time to pregnancy among female greenhouse workers. <i>Scandinavian Journal of Work, Environment and Health</i> , 2006, 32, 359-367.	1.7	29
63	Women with HIV in Indonesia: are they bridging a concentrated epidemic to the wider community?. <i>BMC Research Notes</i> , 2015, 8, 757.	0.6	28
64	Human biological monitoring of mercury for exposure assessment. <i>AIMS Environmental Science</i> , 2017, 4, 251-276.	0.7	27
65	The early postnatal nutritional intake of preterm infants affected neurodevelopmental outcomes differently in boys and girls at 24 months. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2017, 106, 242-249.	0.7	25
66	Phage-Derived Protein Induces Increased Platelet Activation and Is Associated with Mortality in Patients with Invasive Pneumococcal Disease. <i>MBio</i> , 2017, 8, .	1.8	24
67	Using Web-Based Questionnaires to Assess Medication Use During Pregnancy: A Validation Study in 2 Prospectively Enrolled Cohorts. <i>American Journal of Epidemiology</i> , 2018, 187, 326-336.	1.6	24
68	Associations Between Maternal Depression, Antidepressant Use During Pregnancy, and Adverse Pregnancy Outcomes. <i>Obstetrics and Gynecology</i> , 2021, 138, 633-646.	1.2	24
69	Cardiovascular and metabolic risk in pediatric patients with congenital adrenal hyperplasia due to 21 hydroxylase deficiency. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2017, 30, 957-966.	0.4	23
70	Phenotype in girls and women with Turner syndrome: Association between dysmorphic features, karyotype and cardio-aortic malformations. <i>European Journal of Medical Genetics</i> , 2018, 61, 301-306.	0.7	23
71	Drugs associated with teratogenic mechanisms. Part I: dispensing rates among pregnant women in the Netherlands, 1998-2009. <i>Human Reproduction</i> , 2014, 29, 161-167.	0.4	22
72	Changes in Biochemical Parameters of the Calcium-Phosphorus Homeostasis in Relation to Nutritional Intake in Very-Low-Birth-Weight Infants. <i>Nutrients</i> , 2016, 8, 764.	1.7	22

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73	Aim and Design of pREGnant, the Dutch Pregnancy Drug Register. <i>Drug Safety</i> , 2019, 42, 1-12.	1.4	22
74	Exposure profiles of pesticides among greenhouse workers: implications for epidemiological studies. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2007, 17, 501-509.	1.8	21
75	Estrogenic and androgenic activities in total plasma measured with reporter-gene bioassays: Relevant exposure measures for endocrine disruptors in epidemiologic studies?. <i>Environment International</i> , 2011, 37, 557-564.	4.8	21
76	Differences in risk factors for second and third degree hypospadias in the national birth defects prevention study. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 703-711.	1.6	21
77	Methylenetetrahydrofolate reductase (MTHFR) gene polymorphisms resulting in suboptimal oocyte maturation: a discussion of folate status, neural tube defects, schizophrenia, and vasculopathy. <i>Journal of Experimental & Clinical Assisted Reproduction</i> , 2008, 5, 5.	0.4	20
78	Biomonitoring of blood cholinesterases and acylpeptide hydrolase activities in rural inhabitants exposed to pesticides in the Coquimbo Region of Chile. <i>PLoS ONE</i> , 2018, 13, e0196084.	1.1	20
79	Reproductive Health Characteristics of Marijuana And Cocaine Users: Results from the 2002 National Survey of Family Growth. <i>Perspectives on Sexual and Reproductive Health</i> , 2011, 43, 164-172.	0.9	19
80	Google AdWords and Facebook Ads for Recruitment of Pregnant Women into a Prospective Cohort Study With Long-Term Follow-Up. <i>Maternal and Child Health Journal</i> , 2019, 23, 1285-1291.	0.7	19
81	Heterogeneity of spina bifida. , 1997, 55, 224-230.		18
82	Web-based questionnaires to assess perinatal outcome proved to be valid. <i>Journal of Clinical Epidemiology</i> , 2017, 90, 136-143.	2.4	18
83	Spina bifida and parental occupation in a Swedish register-based study. <i>Scandinavian Journal of Work, Environment and Health</i> , 1996, 22, 433-437.	1.7	18
84	Time to pregnancy among male workers of the reinforced plastics industry in Denmark, Italy and The Netherlands. <i>Scandinavian Journal of Work, Environment and Health</i> , 2000, 26, 353-358.	1.7	18
85	Influence of birth mode on early neurological outcome in infants with myelomeningocele. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011, 156, 18-22.	0.5	17
86	The PRIDE Study: Evaluation of online methods of data collection. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 484-494.	0.8	17
87	Occupational exposure to endocrine disruptors and time to pregnancy among couples in a large birth cohort study: the Generation R Study. <i>Fertility and Sterility</i> , 2011, 95, 2067-2072.	0.5	16
88	Metal exposure and reproductive disorders in indigenous communities living along the Pilcomayo River, Bolivia. <i>Science of the Total Environment</i> , 2012, 427-428, 26-34.	3.9	16
89	Fine mapping analysis confirms and strengthens linkage of four chromosomal regions in familial hypospadias. <i>European Journal of Human Genetics</i> , 2015, 23, 516-522.	1.4	16
90	Using Web-Based Questionnaires and Obstetric Records to Assess General Health Characteristics Among Pregnant Women: A Validation Study. <i>Journal of Medical Internet Research</i> , 2015, 17, e149.	2.1	16

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91	Teratogenic Mechanisms Associated with Prenatal Medication Exposure. <i>Therapie</i> , 2014, 69, 13-24.	0.6	15
92	Parental Subfertility, Fertility Treatment, and the Risk of Congenital Anorectal Malformations. <i>Epidemiology</i> , 2015, 26, 169-176.	1.2	15
93	Interobserver reliability and diagnostic performance of Chiari II malformation measures in MR imaging—part 2. <i>Child's Nervous System</i> , 2012, 28, 987-995.	0.6	14
94	More than fetal urine: enteral uptake of amniotic fluid as a major predictor for fetal growth during late gestation. <i>European Journal of Pediatrics</i> , 2016, 175, 825-831.	1.3	14
95	Is screening for abnormal ECG patterns justified in long-term follow-up of childhood cancer survivors treated with anthracyclines?. <i>Pediatric Blood and Cancer</i> , 2017, 64, e26243.	0.8	14
96	Assessing biomarkers and neuropsychological outcomes in rural populations exposed to organophosphate pesticides in Chile — study design and protocol. <i>BMC Public Health</i> , 2015, 15, 116.	1.2	13
97	Zileuton for Pruritus in Sjögren-Larsson Syndrome: A Randomized Double-blind Placebo-controlled Crossover Trial. <i>Acta Dermato-Venereologica</i> , 2016, 96, 255-256.	0.6	12
98	External validation and clinical utility of prognostic prediction models for gestational diabetes mellitus: A prospective cohort study. <i>Acta Obstetrica Et Gynecologica Scandinavica</i> , 2020, 99, 891-900.	1.3	12
99	No major role for periconceptional folic acid use and its interaction with the <i>MTHFR C677T</i> polymorphism in the etiology of congenital anorectal malformations. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2014, 100, 483-492.	1.6	11
100	Seasonally bound ovopathy versus temperature at conception as cause for anorexia nervosa and other eating disorders. <i>International Journal of Eating Disorders</i> , 2005, 38, 236-243.	2.1	10
101	Validation of maternal self-report in retrospective studies. <i>Early Human Development</i> , 2011, 87, 43-44.	0.8	10
102	Contribution of the Corticospinal Tract to Motor Impairment in Spina Bifida. <i>Pediatric Neurology</i> , 2012, 47, 270-278.	1.0	10
103	Previous miscarriages and <i>GLI2</i> are associated with anorectal malformations in offspring. <i>Human Reproduction</i> , 2017, 32, 299-306.	0.4	10
104	First-year growth in children with Noonan syndrome: Associated with feeding problems?. , 2018, 176, 951-958.		10
105	Responses to Lumbar Magnetic Stimulation in Newborns With Spina Bifida. <i>Pediatric Neurology</i> , 2006, 34, 101-105.	1.0	9
106	Data From Web-Based Questionnaires Were Valid for Gestational Diabetes and Preeclampsia, but Not Gestational Hypertension. <i>Journal of Clinical Epidemiology</i> , 2020, 125, 84-90.	2.4	9
107	Epidemiological evaluation of the Patient Health Questionnaire-2 in a pregnant population. <i>Journal of Psychosomatic Research</i> , 2017, 101, 96-103.	1.2	7
108	Sequencing of the <i>DKK1</i> gene in patients with anorectal malformations and hypospadias. <i>European Journal of Pediatrics</i> , 2015, 174, 583-587.	1.3	6

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109	Questionnaires and salivary cortisol to measure stress and depression in mid-pregnancy. PLoS ONE, 2021, 16, e0250459.	1.1	6
110	Small Biparietal Diameter and Head Circumference Are Part of the Phenotype instead of Independent Prognostic Markers in Fetuses with Spinal Dysraphism. Fetal Diagnosis and Therapy, 2015, 37, 135-140.	0.6	5
111	Compound muscle action potentials in newborn infants with spina bifida. Developmental Medicine and Child Neurology, 2008, 50, 706-711.	1.1	4
112	Motor evoked potentials and compound muscle action potentials as prognostic tools for neonates with spina bifida. European Journal of Paediatric Neurology, 2013, 17, 141-147.	0.7	4
113	Interaction between <i>MTHFR</i> 677C>T and periconceptional folic acid supplementation in the risk of Hypospadias. Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 275-284.	1.6	4
114	Single awakening salivary measurements provide reliable estimates of morning cortisol levels in pregnant women. Psychoneuroendocrinology, 2016, 74, 295-301.	1.3	4
115	Assessment of medication use during pregnancy by Web-based questionnaires, pharmacy records and serum screening. Reproductive Toxicology, 2019, 84, 93-97.	1.3	4
116	Uncontrolled maternal chronic respiratory diseases in pregnancy: A new potential risk factor suggested to be associated with anorectal malformations in offspring. Birth Defects Research, 2019, 111, 62-69.	0.8	4
117	Maternal hypertensive disorders and subtypes of hypospadias: A Dutch case-control study. Paediatric and Perinatal Epidemiology, 2020, 34, 687-695.	0.8	3
118	Associations between maternal awakening salivary cortisol levels in mid-pregnancy and adverse birth outcomes. Archives of Gynecology and Obstetrics, 2022, 306, 1989-1999.	0.8	3
119	Depressive symptoms among Dutch pregnant women after the crash of flight MH17: the PRIDE Study. Annals of Epidemiology, 2016, 26, 155-156.	0.9	2
120	Reporting on the modes of data collection. Lancet, The, 2011, 377, 30.	6.3	1
121	Nationwide Study on the Course of Influenza A (H1N1) Infections in Hospitalized Children in the Netherlands During the Pandemic 2009-2010. Pediatric Infectious Disease Journal, 2018, 37, e283-e291.	1.1	1
122	Mental retardation in children in relation to their Mothers' employment during pregnancy. American Journal of Industrial Medicine, 1995, 27, 443-444.	1.0	0
123	Maternal lead exposure, secondary sex ratio and dose-exposure fallacy. Human Reproduction, 2007, 22, 2792-2792.	0.4	0
124	280 GENETICS OF HYPOSPADIAS: ARE SINGLE NUCLEOTIDE POLYMORPHISMS IN SRD5A2, ESR1, ESR2 AND ATF3 REALLY ASSOCIATED WITH THE MALFORMATION?. Journal of Urology, 2010, 183, .	0.2	0
125	Neurodevelopmental Outcome in Relation to Treatment of Patent Ductus Arteriosus. JAMA Pediatrics, 2017, 171, 1018.	3.3	0
126	Effects of estimated completion time and unconditional gift certificates on questionnaire response. Journal of Epidemiology and Community Health, 2017, 71, 520-520.	2.0	0

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127	Preoperative Illnesses in Children Do Not Increase the Risk of Complications After Hypospadias Repair. Pediatric Infectious Disease Journal, 2019, 38, 104-109.	1.1	0
128	Abstract 1821: International Study of Embryonal Tumors. , 2010, , .		0
129	Title is missing!. , 2020, 17, e1003182.		0
130	Title is missing!. , 2020, 17, e1003182.		0
131	Title is missing!. , 2020, 17, e1003182.		0
132	Title is missing!. , 2020, 17, e1003182.		0
133	Title is missing!. , 2020, 17, e1003182.		0
134	Title is missing!. , 2020, 17, e1003182.		0