

Maria Loane

List of Publications by Year in descending order

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95
papers

18,903
citations

66315

42
h-index

45285

90
g-index

95
all docs

95
docs citations

95
times ranked

30558
citing authors

#	ARTICLE	IF	CITATIONS
1	Disability-adjusted life years (DALYs) for 291 diseases and injuries in 21 regions, 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012, 380, 2197-2223.	6.3	7,061
2	Years lived with disability (YLDs) for 1160 sequelae of 289 diseases and injuries 1990â€“2010: a systematic analysis for the Global Burden of Disease Study 2010. <i>Lancet, The</i> , 2012, 380, 2163-2196.	6.3	6,376
3	Congenital Heart Defects in Europe. <i>Circulation</i> , 2011, 123, 841-849.	1.6	506
4	The Prevalence of Congenital Anomalies in Europe. <i>Advances in Experimental Medicine and Biology</i> , 2010, 686, 349-364.	0.8	445
5	Twenty-year trends in the prevalence of Down syndrome and other trisomies in Europe: impact of maternal age and prenatal screening. <i>European Journal of Human Genetics</i> , 2013, 21, 27-33.	1.4	282
6	Survey of prenatal screening policies in Europe for structural malformations and chromosome anomalies, and their impact on detection and termination rates for neural tube defects and Downâ€™s syndrome. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2008, 115, 689-696.	1.1	254
7	Prenatal diagnosis of severe structural congenital malformations in Europe. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 25, 6-11.	0.9	239
8	Long term trends in prevalence of neural tube defects in Europe: population based study. <i>BMJ, The</i> , 2015, 351, h5949.	3.0	180
9	Increasing prevalence of gastroschisis in Europe 1980?2002: a phenomenon restricted to younger mothers?. <i>Paediatric and Perinatal Epidemiology</i> , 2007, 21, 363-369.	0.8	165
10	Paper 4: EUROCAT statistical monitoring: Identification and investigation of ten year trends of congenital anomalies in Europe. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, S31-43.	1.6	152
11	Does lamotrigine use in pregnancy increase orofacial cleft risk relative to other malformations?. <i>Neurology</i> , 2008, 71, 714-722.	1.5	151
12	Paper 1: The EUROCAT networkâ€™ organization and processesâ€™. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, S2-15.	1.6	131
13	Prevalence, prenatal diagnosis and clinical features of oculo-auriculo-vertebral spectrum: a registry-based study in Europe. <i>European Journal of Human Genetics</i> , 2014, 22, 1026-1033.	1.4	118
14	Congenital hydrocephalus â€™ prevalence, prenatal diagnosis and outcome of pregnancy in four European regions. <i>European Journal of Paediatric Neurology</i> , 2010, 14, 150-155.	0.7	109
15	Trends in congenital anomalies in Europe from 1980 to 2012. <i>PLoS ONE</i> , 2018, 13, e0194986.	1.1	106
16	A review of guidelines and standards for telemedicine. <i>Journal of Telemedicine and Telecare</i> , 2002, 8, 63-71.	1.4	104
17	Spectrum of congenital anomalies in pregnancies with pregestational diabetes. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012, 94, 134-140.	1.6	97
18	Paper 2: EUROCAT public health indicators for congenital anomalies in Europe. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, S16-22.	1.6	91

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19	Epidemiology of hypospadias in Europe: a registry-based study. World Journal of Urology, 2015, 33, 2159-2167.	1.2	88
20	Toward the effective surveillance of hypospadias.. Environmental Health Perspectives, 2004, 112, 398-402.	2.8	84
21	Descriptive epidemiology of Cornelia de Lange syndrome in Europe. American Journal of Medical Genetics, Part A, 2008, 146A, 51-59.	0.7	78
22	Sex chromosome trisomies in Europe: prevalence, prenatal detection and outcome of pregnancy. European Journal of Human Genetics, 2011, 19, 231-234.	1.4	77
23	Maternal age-specific risk of non-chromosomal anomalies. BJOG: an International Journal of Obstetrics and Gynaecology, 2009, 116, 1111-1119.	1.1	74
24	Meckel-Gruber Syndrome: a population-based study on prevalence, prenatal diagnosis, clinical features, and survival in Europe. European Journal of Human Genetics, 2015, 23, 746-752.	1.4	70
25	Congenital anomalies associated with trisomy 18 or trisomy 13: A registry-based study in 16 european countries, 2000-2011. American Journal of Medical Genetics, Part A, 2015, 167, 3062-3069.	0.7	68
26	Use of asthma medication during pregnancy and risk of specific congenital anomalies: A European case-malformed control study. Journal of Allergy and Clinical Immunology, 2015, 136, 1496-1502.e7.	1.5	67
27	Infantile hypertrophic pyloric stenosis: A comparative study of incidence and other epidemiological characteristics in seven European regions. Journal of Maternal-Fetal and Neonatal Medicine, 2008, 21, 599-604.	0.7	65
28	Epidemiology of multiple congenital anomalies in Europe: A EUROCAT population-based registry study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 270-276.	1.6	64
29	Metformin exposure in first trimester of pregnancy and risk of all or specific congenital anomalies: exploratory case-control study. BMJ: British Medical Journal, 2018, 361, k2477.	2.4	62
30	Prevalence and risk of Down syndrome in monozygotic and dizygotic multiple pregnancies in Europe: implications for prenatal screening. BJOG: an International Journal of Obstetrics and Gynaecology, 2014, 121, 809-820.	1.1	60
31	Lamotrigine use in pregnancy and risk of orofacial cleft and other congenital anomalies. Neurology, 2016, 86, 1716-1725.	1.5	59
32	Paper 5: Surveillance of multiple congenital anomalies: Implementation of a computer algorithm in European registers for classification of cases. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, S44-50.	1.6	58
33	Major congenital anomalies in babies born with Down syndrome: A EUROCAT population-based registry study. American Journal of Medical Genetics, Part A, 2014, 164, 2979-2986.	0.7	57
34	Prevalence of microcephaly in Europe: population based study. BMJ, The, 2016, 354, i4721.	3.0	57
35	Trends in the prevalence, risk and pregnancy outcome of multiple births with congenital anomaly: a registry-based study in 14 European countries 1984-2007. BJOG: an International Journal of Obstetrics and Gynaecology, 2013, 120, 707-716.	1.1	56
36	Termination of pregnancy for fetal anomaly after 23 weeks of gestation: a European register-based study. BJOG: an International Journal of Obstetrics and Gynaecology, 2010, 117, 660-666.	1.1	55

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37	Eurocat Website Data on Prenatal Detection Rates of Congenital Anomalies. <i>Journal of Medical Screening</i> , 2010, 17, 97-98.	1.1	53
38	Trends and geographic inequalities in the prevalence of Down syndrome in Europe, 1980-1999. <i>Revue D'Epidemiologie Et De Sante Publique</i> , 2005, 53, 87-95.	0.3	51
39	Paper 3: EUROCAT data quality indicators for population-based registries of congenital anomalies. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, S23-30.	1.6	47
40	Fraser Syndrome: Epidemiological Study in a European Population. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1012-1018.	0.7	46
41	Beta-Blocker Use in Pregnancy and Risk of Specific Congenital Anomalies: A European Case-Malformed Control Study. <i>Drug Safety</i> , 2018, 41, 415-427.	1.4	46
42	Congenital hydronephrosis: Prenatal diagnosis and epidemiology in Europe. <i>Journal of Pediatric Urology</i> , 2009, 5, 47-52.	0.6	45
43	A sustainable solution for the activities of the European network for surveillance of congenital anomalies: EUROCAT as part of the EU Platform on Rare Diseases Registration. <i>European Journal of Medical Genetics</i> , 2018, 61, 513-517.	0.7	45
44	Arthrogryposis multiplexa congenita: an epidemiologic study of nearly 9 million births in 24 EUROCAT registers. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2011, 159, 347-350.	0.5	39
45	Recent Decrease in the Prevalence of Congenital Heart Defects in Europe. <i>Journal of Pediatrics</i> , 2013, 162, 108-113.e2.	0.9	39
46	The changing epidemiology of Ebstein's anomaly and its relationship with maternal mental health conditions: a European registry-based study. <i>Cardiology in the Young</i> , 2017, 27, 677-685.	0.4	39
47	The potential for telemedicine in home nursing. <i>Journal of Telemedicine and Telecare</i> , 1998, 4, 214-218.	1.4	37
48	Stillbirth and neonatal mortality in pregnancies complicated by major congenital anomalies: Findings from a large European cohort. <i>Prenatal Diagnosis</i> , 2017, 37, 1100-1111.	1.1	32
49	EUROlinkCAT protocol for a European population-based data linkage study investigating the survival, morbidity and education of children with congenital anomalies. <i>BMJ Open</i> , 2021, 11, e047859.	0.8	31
50	Spectrum of congenital anomalies among VACTERL cases: a EUROCAT population-based study. <i>Pediatric Research</i> , 2020, 87, 541-549.	1.1	30
51	From Inception to ConcePTION: Genesis of a Network to Support Better Monitoring and Communication of Medication Safety During Pregnancy and Breastfeeding. <i>Clinical Pharmacology and Therapeutics</i> , 2022, 111, 321-331.	2.3	30
52	Detection and investigation of temporal clusters of congenital anomaly in Europe: seven years of experience of the EUROCAT surveillance system. <i>European Journal of Epidemiology</i> , 2015, 30, 1153-1164.	2.5	29
53	Improving Information on Maternal Medication Use by Linking Prescription Data to Congenital Anomaly Registers: A EUROmedICAT Study. <i>Drug Safety</i> , 2015, 38, 1083-1093.	1.4	26
54	Risk factors for congenital heart disease: The Baby Hearts Study, a population-based case-control study. <i>PLoS ONE</i> , 2020, 15, e0227908.	1.1	26

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55	Gastroschisis in Europe – A Case–Control Study of Medication and Maternal Illness during Pregnancy as Risk Factors. <i>Paediatric and Perinatal Epidemiology</i> , 2017, 31, 549-559.	0.8	25
56	Congenital clubfoot in Europe: A population–based study. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 595-601.	0.7	24
57	Epidemiology of pre-existing multimorbidity in pregnant women in the UK in 2018: a population-based cross-sectional study. <i>BMC Pregnancy and Childbirth</i> , 2022, 22, 120.	0.9	24
58	Gastrointestinal malformations: impact of prenatal diagnosis on gestational age at birth. <i>Paediatric and Perinatal Epidemiology</i> , 2007, 21, 370-375.	0.8	23
59	A follow-up study of remote trauma teleconsultations. <i>Journal of Telemedicine and Telecare</i> , 2000, 6, 330-334.	1.4	21
60	Prenatal diagnosis and epidemiology of multicystic kidney dysplasia in Europe. <i>Prenatal Diagnosis</i> , 2014, 34, 1093-1098.	1.1	21
61	Linking a European cohort of children born with congenital anomalies to vital statistics and mortality records: A EUROLINKCAT study. <i>PLoS ONE</i> , 2021, 16, e0256535.	1.1	21
62	Prenatal diagnostic procedures used in pregnancies with congenital malformations in 14 regions of Europe. <i>Prenatal Diagnosis</i> , 2004, 24, 908-912.	1.1	19
63	Insulin analogues use in pregnancy among women with pregestational diabetes mellitus and risk of congenital anomaly: a retrospective population-based cohort study. <i>BMJ Open</i> , 2018, 8, e014972.	0.8	19
64	Prescription of antiepileptic medicines including valproate in pregnant women: A study in three European countries. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 1510-1518.	0.9	18
65	Ten-Year Survival of Children With Congenital Anomalies: A European Cohort Study. <i>Pediatrics</i> , 2022, 149, .	1.0	18
66	EUROMediCAT signal detection: an evaluation of selected congenital anomaly–medication associations. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1094-1109.	1.1	17
67	Trends and geographic inequalities in the prevalence of Down syndrome in Europe, 1980-1999. <i>Revue D'Epidemiologie Et De Sante Publique</i> , 2005, 53 Spec No 2, 2S87-95.	0.3	16
68	Geographic variation and localised clustering of congenital anomalies in Great Britain. <i>Emerging Themes in Epidemiology</i> , 2007, 4, 14.	1.2	15
69	Did advice on the prescription of sodium valproate reduce prescriptions to women? An observational study in three European countries between 2007 and 2016. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 1519-1528.	0.9	15
70	Maternal risk factors for the <sc>VACTERL</sc> association: A <sc>EUROCAT</sc> case–control study. <i>Birth Defects Research</i> , 2020, 112, 688-698.	0.8	14
71	The effect of bandwidth on the quality of transmitted pediatric echocardiograms. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 227-230.	1.2	13
72	Multilevel analyses of related public health indicators: The European Surveillance of Congenital Anomalies (EUROCAT) Public Health Indicators. <i>Paediatric and Perinatal Epidemiology</i> , 2020, 34, 122-129.	0.8	13

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73	Signal Detection in EUROmediCAT: Identification and Evaluation of Medicationâ€“Congenital Anomaly Associations and Use of VigiBase as a Complementary Source of Reference. <i>Drug Safety</i> , 2021, 44, 765-785.	1.4	11
74	EUROmediCAT signal detection: a systematic method for identifying potential teratogenic medication. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1110-1122.	1.1	10
75	First trimester medication use in pregnancy in Cameroon: a multi-hospital survey. <i>BMC Pregnancy and Childbirth</i> , 2018, 18, 450.	0.9	10
76	Temporal and geographical variations in survival of children born with congenital anomalies in Europe: A multiâ€“registry cohort study. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 792-803.	0.8	10
77	Transfer of telemedical support to Cornwall from a national telemedicine network during a solar eclipse. <i>Journal of Telemedicine and Telecare</i> , 2000, 6, 182-186.	1.4	9
78	A Review of Telehealth. <i>Medical Principles and Practice</i> , 2001, 10, 163-170.	1.1	8
79	Macrolide and lincosamide antibiotic exposure in the first trimester of pregnancy and risk of congenital anomaly: A European case-control study. <i>Reproductive Toxicology</i> , 2021, 100, 101-108.	1.3	8
80	COVIDâ€“19 in pregnancyâ€“what study designs can we use to assess the risk of congenital anomalies in relation to COVIDâ€“19 disease, treatment and vaccination?. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 493-507.	0.8	8
81	Survival of children with rare structural congenital anomalies: a multi-registry cohort study. <i>Orphanet Journal of Rare Diseases</i> , 2022, 17, 142.	1.2	8
82	Does Telemedicine Have a Role to Play in Disease Management?. <i>Disease Management and Health Outcomes</i> , 1999, 6, 121-130.	0.3	7
83	Methadone, Pierre Robin sequence and other congenital anomalies: caseâ€“control study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 151-157.	1.4	7
84	Using scan statistics for congenital anomalies surveillance: the EUROCAT methodology. <i>European Journal of Epidemiology</i> , 2015, 30, 1165-1173.	2.5	4
85	Prevalence of valproate syndrome in Europe from 2005 to 2014: A registry based multi-centre study. <i>European Journal of Medical Genetics</i> , 2018, 61, 479-482.	0.7	3
86	The effect of videoconferencing on the depth perception of observers. <i>Journal of Telemedicine and Telecare</i> , 2001, 7, 103-107.	1.4	2
87	Prescription of cardiovascular medication in children with congenital heart defects across six European Regions from 2000 to 2014: data from the EUROlinkCAT population-based cohort study. <i>BMJ Open</i> , 2022, 12, e057400.	0.8	2
88	Corrigendum to â€œCongenital hydronephrosis: Prenatal diagnosis and epidemiology in Europeâ€“[<i>J Pediatr Urol</i> 5(1) (2009) 47â€“52]. <i>Journal of Pediatric Urology</i> , 2009, 5, 250.	0.6	1
89	Newer anticonvulsants: Lamotrigine. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2012, 94, 959-959.	1.6	1
90	Gastrostomy and congenital anomalies: a European population-based study. <i>BMJ Paediatrics Open</i> , 2022, 6, e001526.	0.6	1

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91	Maternal Age-Specific Risk of Nonchromosomal Anomalies. <i>Obstetrical and Gynecological Survey</i> , 2009, 64, 650-651.	0.2	0
92	Stillbirth and Neonatal Mortality in Pregnancies Complicated by Major Congenital Anomalies: Findings From a Large European Cohort. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 131-132.	0.2	0
93	Metformin Exposure in the First Trimester of Pregnancy and Risk of All or Specific Congenital Anomalies: Exploratory Case-Control Study. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 619-620.	0.2	0
94	A simulation model for analysing patient activity in dermatology. <i>Journal of Telemedicine and Telecare</i> , 2001, 7, 23-25.	1.4	0
95	The Baby Hearts Study – a case-control methodology with data linkage to evaluate risk and protective factors for congenital heart disease. <i>International Journal of Population Data Science</i> , 2019, 4, 582.	0.1	0