

Anna Pierini

List of Publications by Year in descending order

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108
papers

6,163
citations

66234

42
h-index

74018

75
g-index

113
all docs

113
docs citations

113
times ranked

6545
citing authors

#	ARTICLE	IF	CITATIONS
1	Congenital Heart Defects in Europe. <i>Circulation</i> , 2011, 123, 841-849.	1.6	506
2	Valproic Acid Monotherapy in Pregnancy and Major Congenital Malformations. <i>New England Journal of Medicine</i> , 2010, 362, 2185-2193.	13.9	473
3	Prevalence at Birth of Cleft Lip with or without Cleft Palate: Data from the International Perinatal Database of Typical Oral Clefts (IPDTC). <i>Cleft Palate-Craniofacial Journal</i> , 2011, 48, 66-81.	0.5	329
4	Prenatal diagnosis of severe structural congenital malformations in Europe. <i>Ultrasound in Obstetrics and Gynecology</i> , 2005, 25, 6-11.	0.9	239
5	Omphalocele and gastroschisis in Europe: A survey of 3 million births 1980-1990. <i>American Journal of Medical Genetics Part A</i> , 1995, 58, 187-194.	2.4	194
6	Associated anomalies in multi-malformed infants with cleft lip and palate: An epidemiologic study of nearly 6 million births in 23 EUROCAT registries. <i>American Journal of Medical Genetics, Part A</i> , 2007, 143A, 528-537.	0.7	186
7	Intrauterine exposure to carbamazepine and specific congenital malformations: systematic review and case-control study. <i>BMJ: British Medical Journal</i> , 2010, 341, c6581-c6581.	2.4	179
8	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
9	Does lamotrigine use in pregnancy increase orofacial cleft risk relative to other malformations?. <i>Neurology</i> , 2008, 71, 714-722.	1.5	151
10	Treatment of Hyperthyroidism in Pregnancy and Birth Defects. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, E337-E341.	1.8	139
11	Conjoined twins: A worldwide collaborative epidemiological study of the International Clearinghouse for Birth Defects Surveillance and Research. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2011, 157, 274-287.	0.7	138
12	Prenatal diagnosis and prevalence of critical congenital heart defects: an international retrospective cohort study. <i>BMJ Open</i> , 2019, 9, e028139.	0.8	126
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	International trends of Down syndrome 1993-2004: Births in relation to maternal age and terminations of pregnancies. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2010, 88, 474-479.	1.6	114
15	Paper 6: EUROCAT member registries: Organization and activities. <i>Birth Defects Research Part A: Clinical and Molecular Teratology</i> , 2011, 91, S51-S100.	1.6	107
16	Trends in congenital anomalies in Europe from 1980 to 2012. <i>PLoS ONE</i> , 2018, 13, e0194986.	1.1	106
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	Selective serotonin reuptake inhibitor prescribing before, during and after pregnancy: a population-based study in six European regions. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 1010-1020.	1.1	96

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19	Environmental and individual exposure and the risk of congenital anomalies: a review of recent epidemiological evidence. <i>Epidemiologia E Prevenzione</i> , 2018, 42, 1-34.	1.1	93
20	Maternal occupational risk factors for oral clefts. <i>Scandinavian Journal of Work, Environment and Health</i> , 2000, 26, 137-145.	1.7	90
21	Epidemiology of hypospadias in Europe: a registry-based study. <i>World Journal of Urology</i> , 2015, 33, 2159-2167.	1.2	88
22	Toward the effective surveillance of hypospadias.. <i>Environmental Health Perspectives</i> , 2004, 112, 398-402.	2.8	84
23	Bladder exstrophy: An epidemiologic study from the International Clearinghouse for Birth Defects Surveillance and Research, and an overview of the literature. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2011, 157, 321-332.	0.7	83
24	Sex chromosome trisomies in Europe: prevalence, prenatal detection and outcome of pregnancy. <i>European Journal of Human Genetics</i> , 2011, 19, 231-234.	1.4	77
25	Maternal age-specific risk of non-chromosomal anomalies. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2009, 116, 1111-1119.	1.1	74
26	Hypospadias Prevalence and Trends in International Birth Defect Surveillance Systems, 1980-2010. <i>European Urology</i> , 2019, 76, 482-490.	0.9	74
27	Sirenomelia: An epidemiologic study in a large dataset from the International Clearinghouse of Birth Defects Surveillance and Research, and literature review. <i>American Journal of Medical Genetics, Part C: Seminars in Medical Genetics</i> , 2011, 157, 358-373.	0.7	72
28	Meckel-Gruber Syndrome: a population-based study on prevalence, prenatal diagnosis, clinical features, and survival in Europe. <i>European Journal of Human Genetics</i> , 2015, 23, 746-752.	1.4	70
29	Congenital anomalies associated with trisomy 18 or trisomy 13: A registry-based study in 16 european countries, 2000-2011. <i>American Journal of Medical Genetics, Part A</i> , 2015, 167, 3062-3069.	0.7	68
30	Use of asthma medication during pregnancy and risk of specific congenital anomalies: A European case-malformed control study. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1496-1502.e7.	1.5	67
31	Selective serotonin reuptake inhibitor antidepressant use in first trimester pregnancy and risk of specific congenital anomalies: a European register-based study. <i>European Journal of Epidemiology</i> , 2015, 30, 1187-1198.	2.5	67
32	Metformin exposure in first trimester of pregnancy and risk of all or specific congenital anomalies: exploratory case-control study. <i>BMJ: British Medical Journal</i> , 2018, 361, k2477.	2.4	62
33	Lamotrigine use in pregnancy and risk of orofacial cleft and other congenital anomalies. <i>Neurology</i> , 2016, 86, 1716-1725.	1.5	59
34	Trisomy 13 and 18-Prevalence and mortality-A multi-registry population based analysis. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 2382-2392.	0.7	59
35	Cancer Mortality in an Area of Campania (Italy) Characterized by Multiple Toxic Dumping Sites. <i>Annals of the New York Academy of Sciences</i> , 2006, 1076, 449-461.	1.8	58
36	Prevalence of microcephaly in Europe: population based study. <i>BMJ, The</i> , 2016, 354, i4721.	3.0	57

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37	Trends in the prevalence, risk and pregnancy outcome of multiple births with congenital anomaly: a registry-based study in 14 European countries 1984–2007. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2013, 120, 707-716.	1.1	56
38	Termination of pregnancy for fetal anomaly after 23 weeks of gestation: a European register-based study. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010, 117, 660-666.	1.1	55
39	Healthcare databases in Europe for studying medicine use and safety during pregnancy. <i>Pharmacoepidemiology and Drug Safety</i> , 2014, 23, 586-594.	0.9	55
40	Prevalence and mortality in children with congenital diaphragmatic hernia: a multicountry study. <i>Annals of Epidemiology</i> , 2021, 56, 61-69.e3.	0.9	52
41	Congenital malformations and maternal occupation: a registry based case-control study. <i>Occupational and Environmental Medicine</i> , 1997, 54, 223-228.	1.3	46
42	Fraser Syndrome: Epidemiological Study in a European Population. <i>American Journal of Medical Genetics, Part A</i> , 2013, 161, 1012-1018.	0.7	46
43	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
44	Holt Oram syndrome: a registry-based study in Europe. <i>Orphanet Journal of Rare Diseases</i> , 2014, 9, 156.	1.2	45
45	The Distribution of Congenital Anomalies Within the VACTERL Association Among Tumor Necrosis Factor Antagonist-exposed Pregnancies Is Similar to the General Population. <i>Journal of Rheumatology</i> , 2011, 38, 1871-1874.	1.0	40
46	Recent Decrease in the Prevalence of Congenital Heart Defects in Europe. <i>Journal of Pediatrics</i> , 2013, 162, 108-113.e2.	0.9	39
47	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
48	How valid are the rates of Down syndrome internationally? Findings from the International Clearinghouse for Birth Defects Surveillance and Research. <i>American Journal of Medical Genetics, Part A</i> , 2010, 152A, 1670-1680.	0.7	34
49	Surveillance of adverse fetal effects of medications (SAFE-Med): Findings from the International Clearinghouse of Birth Defects Surveillance and Research. <i>Reproductive Toxicology</i> , 2010, 29, 433-442.	1.3	33
50	Antiepileptic drug prescribing before, during and after pregnancy: a study in seven European regions. <i>Pharmacoepidemiology and Drug Safety</i> , 2015, 24, 1144-1154.	0.9	33
51	Epidemiology of achondroplasia: A population-based study in Europe. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 1791-1798.	0.7	33
52	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
53	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
54	Spectrum of congenital anomalies among VACTERL cases: a EUROCAT population-based study. <i>Pediatric Research</i> , 2020, 87, 541-549.	1.1	30

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55	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
56	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
57	Epidemiology of septo-optic dysplasia with focus on prevalence and maternal age – A EUROCAT study. <i>European Journal of Medical Genetics</i> , 2018, 61, 483-488.	0.7	26
58	Gastroschisis in Europe – A Case-malformedâ€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
59	Lifestyle and sociodemographic risk factors for gastroschisis: a systematic review and meta-analysis. <i>Archives of Disease in Childhood</i> , 2020, 105, 756-764.	1.0	25
60	Asthma medication prescribing before, during and after pregnancy: a study in seven European regions. <i>BMJ Open</i> , 2016, 6, e009237.	0.8	24
61	Epidemiology of congenital cerebral anomalies in Europe: a multicentre, population-based EUROCAT study. <i>Archives of Disease in Childhood</i> , 2019, 104, 1181-1187.	1.0	24
62	Congenital clubfoot in Europe: A population-based study. <i>American Journal of Medical Genetics, Part A</i> , 2019, 179, 595-601.	0.7	24
63	Severity of bone marrow involvement in patients with Gaucher's disease evaluated by scintigraphy with ^{99m} Tc-sestamibi. <i>Journal of Nuclear Medicine</i> , 2003, 44, 1253-62.	2.8	24
64	Sex differences for major congenital heart defects in Down Syndrome: A population based study. <i>European Journal of Medical Genetics</i> , 2018, 61, 546-550.	0.7	23
65	Epidemiology of Dandy-Walker Malformation in Europe: A EUROCAT Population-Based Registry Study. <i>Neuroepidemiology</i> , 2019, 53, 169-179.	1.1	23
66	Analysis of Mortality among Neonates and Children with Spina Bifida: An International Registry-Based Study, 2001â€2012. <i>Paediatric and Perinatal Epidemiology</i> , 2019, 33, 436-448.	0.8	23
67	Prevention of Neural Tube Defects in Europe: A Public Health Failure. <i>Frontiers in Pediatrics</i> , 2021, 9, 647038.	0.9	23
68	Prescribing of Antidiabetic Medicines before, during and after Pregnancy: A Study in Seven European Regions. <i>PLoS ONE</i> , 2016, 11, e0155737.	1.1	21
69	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
70	Ten-Year Survival of Children With Congenital Anomalies: A European Cohort Study. <i>Pediatrics</i> , 2022, 149, .	1.0	18
71	EUROmedICAT signal detection: an evaluation of selected congenital anomalyâ€medication associations. <i>British Journal of Clinical Pharmacology</i> , 2016, 82, 1094-1109.	1.1	17
72	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

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73	A multi-country study of prevalence and early childhood mortality among children with omphalocele. <i>Birth Defects Research</i> , 2020, 112, 1787-1801.	0.8	14
74	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
75	Epidemiology of Pierre-Robin sequence in Europe: A population-based EUROCAT study. <i>Paediatric and Perinatal Epidemiology</i> , 2021, 35, 530-539.	0.8	13
76	Prevalence and prenatal ultrasound detection of clubfoot in a non-selected population: an analysis of 549,931 births in Tuscany. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2015, 28, 2066-2069.	0.7	12
77	Signal Detection in EUROmediCAT: Identification and Evaluation of Medication-Congenital Anomaly Associations and Use of VigiBase as a Complementary Source of Reference. <i>Drug Safety</i> , 2021, 44, 765-785.	1.4	11
78	Survival of patients with rare diseases: a population-based study in Tuscany (Italy). <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 275.	1.2	11
79	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
80	Temporal and geographical variations in survival of children born with congenital anomalies in Europe: A multi-registry cohort study. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 792-803.	0.8	10
81	Epidemiology of systemic sclerosis: a multi-database population-based study in Tuscany (Italy). <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 90.	1.2	9
82	The potential of the European network of congenital anomaly registers (EUROCAT) for drug safety surveillance: a descriptive study. <i>Pharmacoepidemiology and Drug Safety</i> , 2006, 15, 675-682.	0.9	8
83	EUROmediCAT Recommendations for European Pharmacovigilance concerning safety of medication use in pregnancy. <i>Pharmacoepidemiology and Drug Safety</i> , 2015, 24, 3-7.	0.9	8
84	Prevalence Estimates of Rare Congenital Anomalies by Integrating Two Population-Based Registries in Tuscany, Italy. <i>Public Health Genomics</i> , 2017, 20, 229-234.	0.6	8
85	Congenital Anomalies in Contaminated Sites: A Multisite Study in Italy. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 292.	1.2	8
86	Survival of infants born with esophageal atresia among 24 international birth defects surveillance programs. <i>Birth Defects Research</i> , 2021, 113, 945-957.	0.8	8
87	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
88	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
89	Methadone, Pierre Robin sequence and other congenital anomalies: case-control study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2020, 105, 151-157.	1.4	7
90	The limitations of some European healthcare databases for monitoring the effectiveness of pregnancy prevention programmes as risk minimisation measures. <i>European Journal of Clinical Pharmacology</i> , 2018, 74, 513-520.	0.8	6

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91	99mTc-Sestamibi Scintigraphy to Monitor the Long-Term Efficacy of Enzyme Replacement Therapy on Bone Marrow Infiltration in Patients with Gaucher Disease. <i>Journal of Nuclear Medicine</i> , 2013, 54, 1717-1724.	2.8	4
92	Orphan Drug Use in Patients With Rare Diseases: A Population-Based Cohort Study. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	4
93	An Update of Mortality in a High Environmental Risk Area of Tuscany Region (Italy). <i>Epidemiology</i> , 2006, 17, S260-S261.	1.2	2
94	HEALTH STATUS OF THE POPULATION LIVING IN THE GEOTHERMAL AREA OF TUSCANY REGION, ITALY. ISEE Conference Abstracts, 2011, 2011, .	0.0	2
95	Association between maternal body mass index and congenital anomalies: A case-control study in Tuscany (Italy). <i>Birth Defects Research</i> , 2022, 114, 116-123.	0.8	2
96	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
97	Healthcare Burden of Rare Diseases: A Population-Based Study in Tuscany (Italy). <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 7553.	1.2	2
98	Sociodemographic Differences in Prenatal Diagnosis of Chromosomal Anomalies: A Population-Based Study. <i>Frontiers in Pediatrics</i> , 2021, 9, 630363.	0.9	1
99	Analysis of early neonatal case fatality rate among newborns with congenital hydrocephalus, a 2000-2014 multi-country registry-based study. <i>Birth Defects Research</i> , 2022, 114, 631-644.	0.8	1
100	Gastroschisis in Europe - A prevalence and case-malformed control study. <i>Reproductive Toxicology</i> , 2017, 72, 23.	1.3	0
101	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
102	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
103	Excesses of Congenital Malformations in Areas of Tuscany Region (Italy) at High Risk of Environmental Crisis. <i>Epidemiology</i> , 2006, 17, S181-S182.	1.2	0
104	Case-Control Study on Congenital Malformation Risk in the Petrochemical Area of Gela (Sicily-Italy). <i>Epidemiology</i> , 2007, 18, S111.	1.2	0
105	Epidemiological Study in an Area Contaminated by Chromium, Arsenic, Mercury and Boron in Tuscany Region (Italy). <i>Epidemiology</i> , 2009, 20, S185-S186.	1.2	0
106	Surveillance of Multiple Congenital Anomalies in Italian Contaminated Sites. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
107	Epidemiology without primary prevention: the emblematic story of Gela, Sicily, Italy.. ISEE Conference Abstracts, 2016, 2016, .	0.0	0
108	A Multicountry Analysis of Prevalence and Mortality among Neonates and Children with Bladder Exstrophy. <i>American Journal of Perinatology</i> , 0, , .	0.6	0