Lewis B Holmes

List of Publications by Year in descending order

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Version: 2024-02-01

		76031	5	6606
153	8,314	42		87
papers	citations	h-index		g-index
162	162	162		5741
all docs	docs citations	times ranked		citing authors

#	Article	IF	CITATIONS
1	Neuropsychological effects in children exposed to anticonvulsant monotherapy during gestation: Phenobarbital, carbamazepine, and phenytoin. Epilepsy and Behavior, 2022, 127, 108533.	0.9	4
2	Hypothesis: Central digit hypoplasia. American Journal of Medical Genetics, Part A, 2022, , .	0.7	1
3	Limited surface examination to evaluate potential teratogens in a resourceâ€limited setting. Birth Defects Research, 2021, 113, 702-707.	0.8	5
4	Physical features of newborns exposed during pregnancy to anticonvulsant medication and developmental monitoring. Birth Defects Research, 2021, 113, 995-1000.	0.8	1
5	Efficacy and safety of dolutegravir with emtricitabine and tenofovir alafenamide fumarate or tenofovir disoproxil fumarate, and efavirenz, emtricitabine, and tenofovir disoproxil fumarate HIV antiretroviral therapy regimens started in pregnancy (IMPAACT 2010/VESTED): a multicentre, open-label, randomised. controlled, phase 3 trial. Lancet. The. 2021. 397. 1276-1292.	6.3	82
6	Global birth defects app: An innovative tool for describing and coding congenital anomalies at birth in low resource settings. Birth Defects Research, 2021, 113, 1057-1073.	0.8	6
7	Terminal transverse limb defects with "nubbins― Birth Defects Research, 2021, 113, 1007-1014.	0.8	3
8	Terminal transverse limb defects. Birth Defects Research, 2021, 113, 1029-1030.	0.8	0
9	Memories of the Teratology Society: 1972–2020. Birth Defects Research, 2020, 112, 935-941.	0.8	2
10	The Impact of Technology on the Diagnosis of Congenital Malformations. American Journal of Epidemiology, 2019, 188, 1892-1901.	1.6	5
11	Levetiracetam Pregnancy Registry: Final results and a review of the impact of registry methodology and definitions on the prevalence of major congenital malformations. Birth Defects Research, 2019, 111, 872-887.	0.8	14
12	Iniencephaly. Birth Defects Research, 2018, 110, 128-133.	0.8	5
13	Malformations among infants of mothers with insulinâ€dependent diabetes: Is there a recognizable pattern of abnormalities?. Birth Defects Research, 2018, 110, 108-113.	0.8	23
14	Malformations attributed to the process of vascular disruption. Birth Defects Research, 2018, 110, 98-107.	0.8	13
15	Stillborn Infants: Associated Malformations. Birth Defects Research, 2018, 110, 114-121.	0.8	7
16	Causes of Congenital Malformations. Birth Defects Research, 2018, 110, 87-91.	0.8	42
17	Polydactyly, postaxial, type B. Birth Defects Research, 2018, 110, 134-141.	0.8	19
18	Setting Standards for Pregnancy Registries. Drug Safety, 2018, 41, 7-9.	1.4	1

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19	The Active Malformations Surveillance Program, Boston in 1972–2012: Methodology and demographic characteristics. Birth Defects Research, 2018, 110, 148-156.	0.8	18
20	Malformations among 289,365 Births Attributed to Mutations with Autosomal Dominant and Recessive and X‣inked Inheritance. Birth Defects Research, 2018, 110, 92-97.	0.8	1
21	What is the risk of major congenital abnormalities among women on antiretroviral therapy?. Aids, 2018, 32, 403-404.	1.0	3
22	Hypospadias, Intrauterine Growth Restriction, and Abnormalities of the Placenta. Birth Defects Research, 2018, 110, 122-127.	0.8	11
23	Malformations Surveillance: Comparison between Findings at Birth and Age 1 Year. Birth Defects Research, 2018, 110, 142-147.	0.8	9
24	Exposure to Sodium Valproate during Pregnancy: Facial Features and Signs of Autism. Birth Defects Research, 2017, 109, 1134-1143.	0.8	20
25	Fetal growth and premature delivery in pregnant women on antiepileptic drugs. Annals of Neurology, 2017, 82, 457-465.	2.8	65
26	Detecting congenital malformations - Lessons learned from the Mpepu study, Botswana. PLoS ONE, 2017, 12, e0173800.	1.1	5
27	Impact of elective termination on the occurrence of severe birth defects identified in a hospitalâ€based active malformations surveillance program (1999 to 2002). Birth Defects Research Part A: Clinical and Molecular Teratology, 2016, 106, 659-666.	1.6	9
28	Behavioral outcomes in children exposed prenatally to lamotrigine, valproate, or carbamazepine. Neurotoxicology and Teratology, 2016, 54, 5-14.	1.2	56
29	Triploidy. American Journal of Clinical Pathology, 2016, 145, 86-95.	0.4	36
30	Congenital talipes equinovarus: frequency of associated malformations not identified by prenatal ultrasound. Prenatal Diagnosis, 2015, 35, 254-257.	1.1	13
31	Effects of gestational age at enrollment in pregnancy exposure registries. Pharmacoepidemiology and Drug Safety, 2015, 24, 343-352.	0.9	17
32	Hearts and hands as the starting point. Genetics in Medicine, 2015, 17, 316-318.	1.1	0
33	Laser light scan analysis of the "anticonvulsant face― Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 905-911.	1.6	5
34	Association Between Topiramate and Zonisamide Use During Pregnancy and Low Birth Weight. Obstetrics and Gynecology, 2014, 123, 21-28.	1,2	61
35	Antidepressant Use in Pregnancy and the Risk of Cardiac Defects. New England Journal of Medicine, 2014, 370, 2397-2407.	13.9	296
36	Vascular limb defects and maternal age. Birth Defects Research Part A: Clinical and Molecular Teratology, 2014, 100, 760-763.	1.6	3

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37	Inter-rater agreement for diagnoses of epilepsy in pregnant women. Epilepsy and Behavior, 2013, 27, 148-153.	0.9	О
38	Reply to Dolk et al Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 960-960.	1.6	0
39	Protocol for a drugs exposure pregnancy registry for implementation in resource-limited settings. BMC Pregnancy and Childbirth, 2012, 12, 89.	0.9	24
40	Hypothesis: Terminal transverse limb defects with "nubbins―represent a regenerative process during limb development in human fetuses. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 129-133.	1.6	13
41	Using ICDâ€9 codes to establish prevalence of malformations in newborn infants. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 208-214.	1.6	26
42	Newer anticonvulsants: Lamotrigine, topiramate and gabapentin. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 599-606.	1.6	54
43	The association of a dysmorphic pelvis, absence of pubic rami, hip dysplasia, and genitourinary anomalies. Birth Defects Research Part A: Clinical and Molecular Teratology, 2012, 94, 57-60.	1.6	4
44	Use of Antiepileptic Medications in Pregnancy in Relation to Risks ofÂBirth Defects. Annals of Epidemiology, 2011, 21, 842-850.	0.9	113
45	Anatomic and etiological classification of congenital limb deficiencies. American Journal of Medical Genetics, Part A, 2011, 155, 1225-1235.	0.7	77
46	Human teratogens: Update 2010. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 1-7.	1.6	40
47	Inclusion and exclusion criteria for malformations in newborn infants exposed to potential teratogens. Birth Defects Research Part A: Clinical and Molecular Teratology, 2011, 91, 807-812.	1.6	37
48	Fetal Effects of Anticonvulsant Polytherapies. Archives of Neurology, 2011, 68, 1275.	4.9	158
49	$ ilde{KA_i}$ roly $ ilde{MA_0}$ hes: Pioneer in the study of minor anomalies. A good and creative friend remembered. American Journal of Medical Genetics, Part A, 2010, 152A, 1617-1620.	0.7	2
50	Pregnancy registries: Differences, similarities, and possible harmonization. Epilepsia, 2010, 51, 909-915.	2.6	84
51	Chorionic Villus Sampling and Hemangiomas. Journal of Craniofacial Surgery, 2009, 20, 675-677.	0.3	10
52	Valproate teratogenicity and epilepsy syndrome. Epilepsia, 2008, 49, 2122-2124.	2.6	48
53	Ensuring the Safe and Effective Use of Medications During Pregnancy: Planning and Prevention Through Preconception Care. Maternal and Child Health Journal, 2006, 10, 129-135.	0.7	51
54	Evaluating the accuracy of Malformations Surveillance Program in detecting virilization due to congenital adrenal hyperplasia. Congenital Anomalies (discontinued), 2005, 45, 1-4.	0.3	1

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55	Infants with Bochdalek diaphragmatic hernia: Sibling precurrence and monozygotic twin discordance in a hospital-based malformation surveillance program. American Journal of Medical Genetics, Part A, 2005, 138A, 81-88.	0.7	87
56	Case 11-2005. New England Journal of Medicine, 2005, 352, 1579-1587.	13.9	2
57	The correlation of deficits in IQ with midface and digit hypoplasia in children exposed in utero to anticonvulsant drugs. Journal of Pediatrics, 2005, 146, 118-122.	0.9	41
58	The AED (Antiepileptic Drug) Pregnancy Registry. Archives of Neurology, 2004, 61, 673.	4.9	215
59	Trends in Congenital Malformations, 1974–1999: Effect of Prenatal Diagnosis and Elective Termination. Obstetrics and Gynecology, 2004, 104, 957-964.	1.2	73
60	Is antenatal vitamin K prophylaxis needed for pregnant women taking anticonvulsants?. American Journal of Obstetrics and Gynecology, 2004, 190, 882-883.	0.7	57
61	Amniotic bands and exocelomic stickiness: Reply to Dr. Shepard. Birth Defects Research Part A: Clinical and Molecular Teratology, 2004, 70, 154-154.	1.6	0
62	Mutations in SALL4 in malformed Father and Daughter postulated previously due to reflect mutagenesis by thalidomide. Birth Defects Research Part A: Clinical and Molecular Teratology, 2004, 70, 550-551.	1.6	30
63	Clonazepam use in pregnancy and the risk of malformations. Birth Defects Research Part A: Clinical and Molecular Teratology, 2004, 70, 534-536.	1.6	66
64	Guidelines for case classification for the national birth defects prevention study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2003, 67, 193-201.	1.6	501
65	Anticonvulsant teratogenesis 5: Observer bias in a cohort study. Birth Defects Research Part A: Clinical and Molecular Teratology, 2003, 67, 452-456.	1.6	13
66	Chorionic villus sampling: A distinctive teratogenic effect on fingers?. Birth Defects Research Part A: Clinical and Molecular Teratology, 2003, 67, 557-562.	1.6	37
67	Multiple congenital anomalies associated with in utero exposure of phenytoin: Possible hypoxic ischemic mechanism?. Birth Defects Research Part A: Clinical and Molecular Teratology, 2003, 67, 993-996.	1.6	9
68	Unilateral Transverse Arm Defect with Subterminal Digital Nubbins. Pediatric and Developmental Pathology, 2003, 6, 348-354.	0.5	9
69	Four cases with hypoplastic thumbs and encephaloceles. American Journal of Medical Genetics Part A, 2002, 111, 178-181.	2.4	4
70	Teratogen-induced limb defects. American Journal of Medical Genetics Part A, 2002, 112, 297-303.	2.4	100
71	Effect of prenatal exposure to anticonvulsant drugs on dermal ridge patterns of fingers. Teratology, 2002, 66, 19-23.	1.8	20
72	2001 Teratogen Update Workshop summaries: Introduction. Teratology, 2002, 65, 199-199.	1.8	0

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73	Putative new teratogens. Teratology, 2002, 65, 204-205.	1.8	O
74	Effects on toes from prenatal exposure to anticonvulsants. Teratology, 2002, 66, 122-126.	1.8	10
75	Looking for long-term effects from prenatal exposures to anticonvulsants. Teratology, 2001, 64, 175-176.	1.8	4
76	Prenatal diagnosis and molecular cytogenetics in a case of partial trisomy 14 and monosomy 21. American Journal of Medical Genetics Part A, 2001, 100, 246-250.	2.4	4
77	The Teratogenicity of Anticonvulsant Drugs. New England Journal of Medicine, 2001, 344, 1132-1138.	13.9	612
78	Crossed Random Effect Models for Multiple Outcomes in a Study of Teratogenesis. Journal of the American Statistical Association, 2001, 96, 1194-1204.	1.8	20
79	Intelligence and physical features of children of women with epilepsy. , 2000, 61, 196-202.		70
80	Digit effects produced by prenatal exposure to antiepileptic drugs. , 2000, 61, 277-283.		25
81	Holmes-Gang syndrome is allelic with XLMR-hypotonic face syndrome. American Journal of Medical Genetics Part A, 2000, 94, 383-385.	2.4	28
82	Anticonvulsant teratogenesis 4: Inter-rater agreement in assessing minor physical features related to anticonvulsant therapy. Teratology, 2000, 62, 406-412.	1.8	15
83	Malformations reported in chorionic villus sampling exposed children: A review and analytic synthesis of the literature. Genetics in Medicine, 1999, 1, 315-322.	1.1	28
84	A new syndrome: Heart defects, laryngeal anomalies, preaxial polydactyly, and colonic aganglionosis in sibs. Genetics in Medicine, 1999, 1, 104-108.	1.1	16
85	Adverse effects of chorionic villus sampling: a meta-analysis. , 1999, 18, 2163-2175.		23
86	Cardiovascular malformations: Changes in prevalence and birth status, 1972-1990., 1999, 84, 102-110.		41
87	Normal digital artery blood flow in antiepileptic drug embryopathy. Teratology, 1999, 59, 130-131.	1.8	1
88	Pattern of skeletal malformations produced by Dominant hemimelia (Dh)., 1999, 60, 348-355.		3
89	Under-recognition of prenatal alcohol effects in infants of known alcohol abusing women. Journal of Pediatrics, 1999, 135, 430-436.	0.9	87
90	Terminal transverse limb defects with tethering and omphalocele in a 17 week fetus following first trimester misoprostol exposure. Clinical Dysmorphology, 1999, 8, 53???58.	0.1	35

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91	Cardiovascular malformations: Changes in prevalence and birth status, 1972–1990. , 1999, 84, 102.		2
92	Prominent, constricted ears with malformed condyle of the mandible., 1998, 75, 449-452.		27
93	Classification of limb defects., 1998, 77, 439-441.		30
94	Anterior laryngeal webs and 22q11 deletions. , 1998, 79, 152-152.		16
95	Limb deficiencies identified by malformations surveillance programs. , 1998, 80, 541-542.		0
96	Congenital abnormalities in Brazilian children associated with misoprostol misuse in first trimester of pregnancy. Lancet, The, 1998, 351, 1624-1627.	6.3	225
97	Impact of prenatal screening on the birth status of fetuses with Down syndrome at an urban hospital, 1972-1994. Genetics in Medicine, 1998, 1, 22-28.	1.1	17
98	Adams-Oliver syndrome associated with cardiovascular malformations. Clinical Dysmorphology, 1998, 7, 235-241.	0.1	47
99	New syndrome. Clinical Dysmorphology, 1997, 6, 13????20.	0.1	8
100	Severe malformation of one foot from amniocentesis needle injury. Clinical Dysmorphology, 1997, 6, 273-280.	0.1	5
101	Mutations in human TBX3 alter limb, apocrine and genital development in ulnar-mammary syndrome. Nature Genetics, 1997, 16, 311-315.	9.4	511
102	Epidemiology of osteochondrodysplasias: Changing trends due to advances in prenatal diagnosis. , 1996, 61, 49-58.		100
103	Type III tracheal agenesis with familial tetralogy of Fallot and absent pulmonary value syndrome. , 1996, 65, 266-268.		9
104	Hydroxamic acid: A potential human teratogen that could be recommended to treat ureaplasma. , 1996, 53, 227-229.		14
105	A study of level of lesion, associated malformations and sib occurrence risks in spina bifida. , 1996, 54, 213-218.		19
106	Increased detection of cystic hygroma: A "technology-induced phenomenon― , 1996, 54, 298-302.		10
107	Laterality defects in conjoined twins. Nature, 1996, 384, 321-321.	13.7	116
108	Genital abnormalities in females with Bardet-Biedl syndrome. American Journal of Medical Genetics Part A, 1995, 55, 276-278.	2.4	70

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109	Anticonvulsant teratogenesis: 3. possible metabolic basis. Teratology, 1995, 51, 55-56.	1.8	20
110	Symmetrical terminal transverse limb defects: Report of a twenty-week fetus. Teratology, 1995, 51, 237-242.	1.8	18
111	Possible fetal effects of cervical dilation and uterine curettage during the first trimester of pregnancy. Journal of Pediatrics, 1995, 126, 131-134.	0.9	22
112	Lessons on objectivity in clinical studies. American Journal of Medical Genetics Part A, 1994, 53, 19-20.	2.4	9
113	Double fingernails on fifth fingers. American Journal of Medical Genetics Part A, 1994, 53, 395-395.	2.4	4
114	Anticonvulsant teratogenesis: I. A study design for newborn infants. Teratology, 1994, 49, 202-207.	1.8	52
115	Anticonvulsant teratogenesis: 2. Statistical methods for multiple birth outcomes. Teratology, 1994, 50, 74-79.	1.8	8
116	X-linked phenotype of absent radius and anogenital anomalies. American Journal of Medical Genetics Part A, 1993, 45, 743-744.	2.4	6
117	A case of a closed partial cloacal septation defect with a patent urachus. Teratology, 1993, 48, 97-103.	1.8	2
118	Cardioâ€faciocutaneous (CFC) Syndrome: Neurological Features in Two Children. Developmental Medicine and Child Neurology, 1993, 35, 727-731.	1.1	31
119	A case of agnathia, situs inversus, and a normal central nervous system. Teratology, 1992, 46, 213-216.	1.8	23
120	The effects of prenatal exposure to phenytoin and other anticonvulsants on intellectual function at 4 to 8 years of age. Neurotoxicology and Teratology, 1992, 14, 329-335.	1.2	116
121	Fetal Environmental Toxins. Pediatrics in Review, 1992, 13, 364-369.	0.2	0
122	Etiologic complexities of diaphragmatic defects: Right diaphragmatic hernia, pulmonary hypoplasia/agenesis, and hydrocephalus in sibs. American Journal of Medical Genetics Part A, 1991, 41, 164-168.	2.4	8
123	Malformations Due to Presumed Spontaneous Mutations in Newborn Infants. New England Journal of Medicine, 1989, 320, 19-23.	13.9	268
124	Diagnostic criteria for Walker-Warburg syndrome. American Journal of Medical Genetics Part A, 1989, 32, 195-210.	2.4	439
125	Acrocallosal syndrome: New findings. American Journal of Medical Genetics Part A, 1989, 32, 306-310.	2.4	26
126	Pena-Shokeir phenotype in sibs with macrocephaly but without growth retardation. American Journal of Medical Genetics Part A, 1989, 32, 478-481.	2.4	11

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127	Acetazolamide: Maternal toxicity, pattern of malformations, and litter effect. Teratology, 1988, 37, 335-342.	1.8	32
128	Clinical and basic science lessons from the thalidomide tragedy: What have we learned about the causes of limb defects?. Teratology, 1988, 38, 241-251.	1.8	84
129	Lack of Relation of Increased Malformation Rates in Infants of Diabetic Mothers to Glycemic Control during Organogenesis. New England Journal of Medicine, 1988, 318, 671-676.	13.9	360
130	Predictive value of minor anomalies. I. Association with major malformations. Journal of Pediatrics, 1987, 110, 531-537.	0.9	194
131	Predictive value of minor anomalies: II. Use in cohort studies to identify teratogens. Teratology, 1987, 36, 291-297.	1.8	52
132	Heterotopic cervical salivary gland tissue in a family with probable branchio-otorenal syndrome. Head & Neck, 1986, 8, 456-462.	0.3	13
133	Identification of Dh/ + and Dh/Dh embryos through close linkage of Dh and peptidase-3. Teratology, 1986, 34, 353-357.	1.8	10
134	Response to comments on "Teratogen Update: Bendectin― Teratology, 1985, 31, 432-432.	1.8	5
135	Smoking and pregnancy. Teratology, 1985, 32, 473-481.	1.8	83
136	Oto-palato-digital syndrome, type II—an X-linked skeletal dysplasia. American Journal of Medical Genetics Part A, 1985, 20, 249-254.	2.4	30
137	Familial Nature of Congenital Absence and Severe Dysgenesis of Both Kidneys. New England Journal of Medicine, 1984, 310, 1341-1345.	13.9	183
138	An X-linked mental retardation syndrome with craniofacial abnormalities, microcephaly and club foot. American Journal of Medical Genetics Part A, 1984, 17, 375-382.	2.4	23
139	Familial t (4;21)(q2.4;q2.2) leading to unbalanced offspring with partial duplication of 4q and of 21q without manifestations of the down syndrome. American Journal of Medical Genetics Part A, 1984, 18, 725-729.	2.4	13
140	Four siblings with similar malformations after exposure to phenytoin and primidone. Journal of Pediatrics, 1984, 105, 750-755.	0.9	19
141	Teratogen update: Bendectin. Teratology, 1983, 27, 277-281.	1.8	91
142	The Incidence and Significance of Birthmarks in a Cohort of 4,641 Newborns. Pediatric Dermatology, 1983, 1, 58-68.	0.5	278
143	Omphalocele and multiple severe congenital anomalies associated with osteodysplasty (Melnick-Needles syndrome). American Journal of Medical Genetics Part A, 1982, 13, 453-463.	2.4	36
144	Nonenzymatic hydroxylations of proline and lysine by reduced oxygen derivatives. Nature, 1981, 289, 310-312.	13.7	61

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145	Hallux varus and preaxial polysyndactyly in brothers. American Journal of Medical Genetics Part A, 1980, 6, 113-117.	2.4	5
146	Multiple congenital anomalies/mental retardation (MCA/MR) syndrome due to partial 1q duplication and possible 18p deletion: A study of four individuals in two families. American Journal of Medical Genetics Part A, 1979, 4, 27-37.	2.4	29
147	The early limb deformity caused by acetazolamide. Teratology, 1979, 20, 289-295.	1.8	26
148	Birthmarks with serious medical significance: Nevocellular nevi, sebaceous nevi, and multiple caf \tilde{A} © au lait spots. Journal of Pediatrics, 1979, 95, 696-700.	0.9	161
149	Phenotypic overlap of the BBB and G syndromes. American Journal of Medical Genetics Part A, 1978, 2, 145-152.	2.4	59
150	Down syndrome in two of three triplets. Clinical Genetics, 1978, 14, 261-264.	1.0	5
151	Etiologic Heterogeneity of Neural-Tube Defects. New England Journal of Medicine, 1976, 294, 365-369.	13.9	232
152	Inborn Errors of Morphogenesis. New England Journal of Medicine, 1974, 291, 763-773.	13.9	38
153	Hypoplasia of the second metacarpal in mother and daughter. Journal of Pediatrics, 1972, 81, 1165-1167.	0.9	5