

CITATION REPORT

List of articles citing

Describing the Prevalence of Neural Tube Defects Worldwide: A Systematic Literature Review

DOI: 10.1371/journal.pone.0151586
PLoS ONE, 2016, 11, e0151586.

Source: <https://exaly.com/paper-pdf/87030807/citation-report.pdf>

Version: 2024-04-27

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
286	Access to health care for children with neural tube defects: Experiences of mothers in Zambia. 2016 , 5, 267		6
285	Early neonatal death: A challenge worldwide. 2017 , 22, 153-160		81
284	Scorecard for spina bifida research, prevention, and policy - A development process. 2017 , 99, 13-20		4
283	Folate Deficiency Is Prevalent in Women of Childbearing Age in Belize and Is Negatively Affected by Coexisting Vitamin B-12 Deficiency: Belize National Micronutrient Survey 2011. 2017 , 147, 1183-1193		12
282	Genetic Risk Factors for Folate-Responsive Neural Tube Defects. 2017 , 37, 269-291		27
281	Folate and phototherapy: What should we inform our patients?. 2017 , 77, 958-964		15
280	Finding the genetic mechanisms of folate deficiency and neural tube defects-Leaving no stone unturned. 2017 , 173, 3042-3057		28
279	Distinctions in gene-specific changes in DNA methylation in response to folic acid supplementation between women with normal weight and obesity. 2017 , 11, 665-676		8
278	Sociodemographic and economic characteristics of susceptibility to rubella among women preparing for pregnancy in rural China. 2017 , 62, 112-118		5
277	[Changes in the epidemiology of Spina Bifida in France in the last 30 years]. 2017 , 63, 109-111		6
276	Epigenomic Landscapes of hESC-Derived Neural Rosettes: Modeling Neural Tube Formation and Diseases. 2017 , 20, 1448-1462		14
275	Congenital Malformations of the Central Nervous System in Rural Western Honduras: A 6-Year Report on Trends. 2017 , 107, 249-254		0
274	Global health and chronic non-communicable conditions: Spina bifida care across a worldwide community. 2017 , 10, 167-168		3
273	Practice Bulletin No. 187 Summary: Neural Tube Defects. 2017 , 130, 1394-1396		4
272	Practice Bulletin No. 187: Neural Tube Defects. 2017 , 130, e279-e290		50
271	Plasma folate levels and associated factors in women planning to become pregnant in a population with high prevalence of neural tube defects. <i>Birth Defects Research</i> , 2017 , 109, 1039-1047	2.9	6
270	One-carbon metabolism and epigenetics. 2017 , 54, 28-36		103

269	Prevalence of neural tube defects in a rural area of north india from 2001 to 2014: A population-based survey. <i>Birth Defects Research</i> , 2017 , 109, 203-210	2.9	4
268	Neural tube defects and folic acid in Japan: Prologue introduction - Understanding of the current status of Japan and the proposal from Japanese Teratology Society. 2017 , 57, 128-129		
267	Myosin-X knockout is semi-lethal and demonstrates that myosin-X functions in neural tube closure, pigmentation, hyaloid vasculature regression, and filopodia formation. 2017 , 7, 17354		27
266	Folic and Folate Acid. 2017 ,		1
265	The Prevalence and Distribution of Spina Bifida in a Single Major Referral Center in Malaysia. <i>Frontiers in Pediatrics</i> , 2017 , 5, 237	3.4	5
264	Large -scale wheat flour folic acid fortification program increases plasma folate levels among women of reproductive age in urban Tanzania. <i>PLoS ONE</i> , 2017 , 12, e0182099	3.7	16
263	Socioeconomic inequality in periconceptional folic acid supplementation in China: a census of 0.9 million women in their first trimester of pregnancy. <i>BMC Pregnancy and Childbirth</i> , 2017 , 17, 422	3.2	9
262	Antibiotic use during pregnancy: a retrospective study of prescription patterns and birth outcomes at an antenatal clinic in rural Ghana. 2017 , 10, 24		8
261	Identification of transcripts potentially involved in neural tube closure using RNA sequencing. 2018 , 56, e23096		6
260	Formate rescues neural tube defects caused by mutations in. 2018 , 115, 4690-4695		30
259	Countries with an immediate potential for primary prevention of spina bifida and anencephaly: Mandatory fortification of wheat flour with folic acid. <i>Birth Defects Research</i> , 2018 , 110, 956-965	2.9	7
258	A public health approach for preventing neural tube defects: folic acid fortification and beyond. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1414, 47-58	6.5	26
257	Maternal nutrition and weight management in pregnancy: A nudge in the right direction. 2018 , 43, 69-78		9
256	Folic Acid Exposure Rescues Spina Bifida Aperta Phenotypes in Human Induced Pluripotent Stem Cell Model. 2018 , 8, 2942		13
255	Should vitamin B status be considered in assessing risk of neural tube defects?. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1414, 109-125	6.5	29
254	Estimates of global and regional prevalence of neural tube defects for 2015: a systematic analysis. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1414, 31-46	6.5	103
253	Folate and Bifidobacteria. 2018 , 195-212		3
252	Methods to estimate access to care and the effect of interventions on the outcomes of congenital disorders. 2018 , 9, 363-376		8

251	Triple surveillance: a proposal for an integrated strategy to support and accelerate birth defect prevention. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1414, 126-136	6.5	13
250	Historical perspective on folic acid and challenges in estimating global prevalence of neural tube defects. <i>Annals of the New York Academy of Sciences</i> , 2018 , 1414, 20-30	6.5	16
249	Clinical experience with a single-nucleotide polymorphism-based non-invasive prenatal test for five clinically significant microdeletions. 2018 , 93, 293-300		55
248	Social determinants of health and spina bifida care: Immigrant and minority health in an era of quality of life and multicenter comparative analysis. 2018 , 11, 213-216		1
247	A Brief Review of Giant Occipital Encephalocele. 2018 , 9, 455-456		6
246	High burden of neural tube defects in Tigray, Northern Ethiopia: Hospital-based study. <i>PLoS ONE</i> , 2018 , 13, e0206212	3.7	24
245	Issues about periconception use of dolutegravir are reminiscent of early concerns about efavirenz. 2018 , 5, e732-e736		3
244	Trends in the prevalence of congenital hydrocephalus in 14 cities in Liaoning province, China from 2006 to 2015 in a population-based birth defect registry from the Liaoning Women and Children's Health Hospital. 2018 , 9, 14472-14480		7
243	Reducing inequities in preventable neural tube defects: the critical and underutilized role of neurosurgical advocacy for folate fortification. 2018 , 45, E20		12
242	Neural tube defects in Uganda: follow-up outcomes from a national referral hospital. 2018 , 45, E9		9
241	Folic acid supplementation during the preconception period: A systematic review and meta-analysis. 2018 , 114, 1-17		30
240	In-utero ART exposure and the need for pharmacovigilance. 2018 , 6, e716-e717		12
239	Magnitude of Neural Tube Defects and Associated Risk Factors at Three Teaching Hospitals in Addis Ababa, Ethiopia. 2018 , 2018, 4829023		32
238	Toward Eradication of B-Vitamin Deficiencies: Considerations for Crop Biofortification. 2018 , 9, 443		25
237	Assessing the risk of dolutegravir for women of childbearing potential. 2018 , 6, e958-e959		4
236	Global Status of Folic Acid Fortification Progress and Gaps 1 This chapter has been abridged from Garrett, G. S., Bailey, L. A Public Health Approach for Preventing Neural Tube Defects: Folic Acid Fortification and Beyond. <i>Annals of the New York Academy of Sciences</i> , February 2018.. 2018 , 231-239		2
235	Fetal surgery for spina bifida aperta. 2018 , 103, F589-F595		17
234	Projected number of children with isolated spina bifida or down syndrome in England and Wales by 2020. 2018 , 61, 539-545		4

233	Developing a link between toxicants, claudins and neural tube defects. 2018 , 81, 155-167		5
232	Robert Guthrie and Nicholas Wald: Screening and Preventing Birth Defects. 2018 , 471-521		
231	Association of FOLH1, DHFR, and MTHFR gene polymorphisms with susceptibility of Neural Tube Defects: A case control study from Eastern India. <i>Birth Defects Research</i> , 2018 , 110, 1129-1138	2.9	5
230	Fortifying food with folic acid to prevent neural tube defects: are we now where we ought to be?. 2018 , 107, 857-858		3
229	Maternal risk factors associated with neural tube defects in Tigray regional state of Ethiopia. 2019 , 41, 11-18		11
228	Reductions in child mortality by preventing spina bifida and anencephaly: Implications in achieving Target 3.2 of the Sustainable Development Goals in developing countries. <i>Birth Defects Research</i> , 2019 , 111, 958-966	2.9	2
227	Evaluation of Knowledge and Practice of Pharmacy Professionals regarding the Risk of Medication Use during Pregnancy in Dessie Town, Northeast Ethiopia: A Cross-Sectional Study. 2019 , 2019, 2186841		3
226	Fetal myelomeningocele repair. 2019 , 28, 150823		4
225	Optimizing responses to drug safety signals in pregnancy: the example of dolutegravir and neural tube defects. 2019 , 22, e25352		19
224	Genetic variants in GRHL3 and risk for neural tube defects: A case-control and case-parent triad/control study. <i>Birth Defects Research</i> , 2019 , 111, 1468-1478	2.9	1
223	Low Prevalence of Folic Acid Supplementation during Pregnancy: A Multicenter Study in Vietnam. 2019 , 11,		2
222	Analysis of Mortality among Neonates and Children with Spina Bifida: An International Registry-Based Study, 2001-2012. 2019 , 33, 436-448		10
221	Preconception Folic Acid Supplement Use in Immigrant Women (1999-2016). 2019 , 11,		2
220	Teratology society position statement on surveillance and prevalence estimation of neural tube defects. <i>Birth Defects Research</i> , 2019 , 111, 5-8	2.9	
219	TRIM4 is associated with neural tube defects based on genome-wide DNA methylation analysis. 2019 , 11, 17		7
218	Congenital anomalies following antenatal exposure to dolutegravir: a Canadian surveillance study. 2019 , 126, 1338-1345		5
217	A review of genetic factors underlying craniorachischisis and omphalocele: Inspired by a unique trisomy 18 case. 2019 , 179, 1642-1651		2
216	Join World Birth Defects Day. 2019 , 86, 3-4		2

215	Posterior axis formation requires Dlx5/Dlx6 expression at the neural plate border. <i>PLoS ONE</i> , 2019 , 14, e0214063	3-7	3
214	Variants identified in PTK7 associated with neural tube defects. 2019 , 7, e00584		19
213	Occipital mass in antenatal sonography. 2019 , 12, 321-324		
212	Perinatal mortality associated with congenital defects of the central nervous system in Colombia, 2005-2014. 2019 , 10, 515-521		3
211	The Effect of Religious Belief on the Attitudes of Pregnant Women Toward the Fetal Health. 2019 , 58, 2313-2323		4
210	Folate of pregnant women after a nationwide folic acid supplementation in China. 2019 , 15, e12828		10
209	Gluten-Free Breads: The Gap Between Research and Commercial Reality. 2019 , 18, 690-702		65
208	Scorecard for spina bifida research, prevention, and policy: Score analysis by Human Development Index and WHO region. 2019 , 123, 1-7		1
207	Pharmacokinetics and Safety of the Integrase Inhibitors Elvitegravir and Dolutegravir in Pregnant Women With HIV. 2019 , 53, 833-844		10
206	Using patient support programs for pregnancy surveillance: Current paradigm, emerging opportunity. 2019 , 84, 122-124		1
205	Cellular mechanisms underlying related neural tube defects and their prevention by folic acid. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	11
204	Novel mouse model of encephalocele: post-neurulation origin and relationship to open neural tube defects. <i>DMM Disease Models and Mechanisms</i> , 2019 , 12,	4.1	10
203	Cannabis Consumption Patterns Explain the East-West Gradient in Canadian Neural Tube Defect Incidence: An Ecological Study. 2019 , 6, 2333794X19894798		10
202	Evaluation of Neural Tube Defects (NTDs) After Exposure to Raltegravir During Pregnancy. 2019 , 81, 247-250		9
201	Systematic review of clinician awareness of mycotoxin impact in neural tube defects and best practices for pediatric neurosurgeons: implications for public health and policy. 2019 , 35, 637-644		2
200	Maternal folate nutrition and offspring health: evidence and current controversies. 2019 , 78, 208-220		16
199	Experience in the Early Surgical Management of Myelomeningocele in Zanzibar. 2019 , 121, e493-e499		5
198	Need for further research on environmental factors in the etiology of congenital anomalies in the eastern Mediterranean region (EMR). 2019 , 32, 1909-1912		

197	Analysis of Pharmacovigilance Databases for Dolutegravir Safety in Pregnancy. 2020 , 70, 2599-2606			6
196	Vitamins and epigenetics. 2020 , 633-650			5
195	Neural Tube Defects. 2020 , 769-776			
194	Safety and efficacy of supplements in pregnancy. 2020 , 78, 813-826			12
193	Up-regulation of RNA Binding Proteins Contributes to Folate Deficiency-Induced Neural Crest Cells Dysfunction. 2020 , 16, 85-98			4
192	Loss of RAD9B impairs early neural development and contributes to the risk for human spina bifida. 2020 , 41, 786-799			7
191	Prevalence and determinants of uptake of folic acid in peri-conceptual period in a rural lower-middle-income country, Ghana. 2020 , 126, 254-262			2
190	Engineered tissues and strategies to overcome challenges in drug development. 2020 , 158, 116-139			6
189	Association of paternal smoking with the risk of neural tube defects in offspring: A systematic review and meta-analysis of observational studies. <i>Birth Defects Research</i> , 2021 , 113, 883-893	2.9	0	
188	Use of dietary supplements among pregnant women in the center of Jordan. 2020 , 20, 43-47			1
187	Understanding the Mothers of Children with Spina Bifida and Hydrocephalus in Tanzania. 2020 , 142, e331-e336			
186	Encephalocele, Meningocele, and Dermal Sinus. 2020 , 221-241			
185	Maternal low body mass index is a risk factor for fetal ductal constriction following indomethacin use among women undergoing fetal repair of spina bifida. 2020 , 40, 669-673			1
184	is important for mammalian neural tube closure via its role in canonical and non-canonical WNT signaling. 2020 , 147,			4
183	Periconceptual surveillance for prevention of anaemia and birth defects in Southern India: protocol for a biomarker survey in women of reproductive age. 2020 , 10, e038305			1
182	A landscape of micronutrient status in women through the reproductive years: Insights from seven regions in Asia. 2020 , 16, 1745506520973110			
181	Determinants of Neural Tube Defects among Newborns in Amhara Region, Ethiopia: A Case-Control Study. 2020 , 2020, 5635267			3
180	Complement factors and alpha-fetoprotein as biomarkers for noninvasive prenatal diagnosis of neural tube defects. <i>Annals of the New York Academy of Sciences</i> , 2020 , 1478, 75-91	6.5	4	

179	Functional Validation of Variants Identified in a Neural Tube Defect Cohort Demonstrates Their Contribution to Neural Tube Defects. 2020 , 14, 664		1
178	Magnitude and Associated Factors of Neural Tube Defects in Ethiopia: A Systematic Review and Meta-Analysis. 2020 , 7, 2333794X20939423		5
177	Modeling shows high potential of folic acid-fortified salt to accelerate global prevention of major neural tube defects. <i>Birth Defects Research</i> , 2020 , 112, 1461-1474	2.9	0
176	Identification of novel candidate risk genes for myelomeningocele within the glucose homeostasis/oxidative stress and folate/one-carbon metabolism networks. 2020 , 8, e1495		2
175	Transition of Care of the Spina Bifida Patient from Childhood to Adulthood. 2020 , 18, 292-296		
174	Neural Tube Defects and Associated Factors among Neonates Admitted to the Neonatal Intensive Care Units in Hiwot Fana Specialized University Hospital, Harar, Ethiopia. 2020 , 7, 2333794X20974218		
173	Prevalence of clinically-evident congenital anomalies in the Western highlands of Guatemala. 2020 , 17, 153		1
172	Guidelines and scientifically-based spina bifida care: Guidance across the lifespan in a global health context. 2020 , 13, 453-455		1
171	Inadequate Status and Low Awareness of Folate in Switzerland-A Call to Strengthen Public Health Measures to Ensure Sufficient Intakes. 2020 , 12,		3
170	Rare copy number variations of planar cell polarity genes are associated with human neural tube defects. 2020 , 21, 217-225		1
169	Closing in on Mechanisms of Open Neural Tube Defects. 2020 , 43, 519-532		13
168	Oxidative stress response associates with the teratogenic effects of benzyl butyl phthalate (BBP). 2020 , 9, 222-229		0
167	Association of Fetal MTHFR C677T Polymorphism with Susceptibility to Neural Tube Defects: A Systematic Review and Update Meta-Analysis. 2020 , 1-17		4
166	Folic acid supplementation in Italian women during pregnancy: A cross-sectional study conducted in general practice. 2020 , 79-80, 110886		2
165	Maternal Folic Acid Supplementation Mediates Offspring Health via DNA Methylation. 2020 , 27, 963-976		21
164	Amniotic fluid concentrations of soluble endoglin and endothelial cell-specific molecule-1 in pregnancies complicated with neural tube defects. 2020 , 48, 132-138		0
163	Postmarketing Surveillance of Pregnancy Outcomes With Dolutegravir Use. 2020 , 83, e2-e5		3
162	PRDM15 loss of function links NOTCH and WNT/PCP signaling to patterning defects in holoprosencephaly. 2020 , 6, eaax9852		6

161	Prenatal diagnosis and clinical significance of cephalocele-A single institution experience and literature review. 2020 , 40, 612-617	0
160	Imaging findings in association with altered maternal alpha-fetoprotein levels during pregnancy. 2020 , 45, 3239-3257	4
159	Intra-Amniotic Delivery of CRMP4 siRNA Improves Mesenchymal Stem Cell Therapy in a Rat Spina Bifida Model. 2020 , 20, 502-517	5
158	miR-322 treatment rescues cell apoptosis and neural tube defect formation through silencing NADPH oxidase 4. 2020 , 26, 902-912	7
157	Surgical Outcomes after Myelomeningocele Repair in Lusaka, Zambia. 2021 , 145, e332-e339	0
156	Prevalence of open neural tube defects and risk factors related to isolated anencephaly and spina bifida in live births from the "Dr. Juan I. Menchaca" Civil Hospital of Guadalajara (Jalisco, Mexico). 2021 , 61, 46-54	1
155	Maternal Inositol Status and Neural Tube Defects: A Role for the Human Yolk Sac in Embryonic Inositol Delivery?. 2021 , 12, 212-222	10
154	Some Common Birth Defects. 2021 , 31-74	
153	Demographic and Clinical Characteristics of 63 Children with Myelomeningoceles. 2021 , 11, 59-64	
152	Neural Tube Defects and Folate Status in India. 2021 , 235-249	0
151	Birth Defects Surveillance in India. 2021 , 97-115	
150	Pregnancy and the fetus. 2021 , 543-579	
149	Lessons from dolutegravir and neural tube defects. 2021 , 8, e3-e4	0
148	Characterization of Risk Factors for Neural Tube Defects: A Case-Control Study in Bogota and Cali, Colombia, 2001-2018. 2021 , 36, 509-516	
147	Neural tube defects: embryonic origin, cell survival equilibrium impact, and clinical features. 2021 , 13-26	
146	Perspectives on urological care in spina bifida patients. 2021 , 10, 1-10	2
145	Cell non-autonomy amplifies disruption of neurulation by mosaic Vangl2 deletion in mice. 2021 , 12, 1159	6
144	Maternal ethnicity and the prevalence of British pregnancies affected by neural tube defects. <i>Birth Defects Research</i> , 2021 , 113, 968-980	2.9 1

143	Point-of-Care Quantification of Serum Alpha-Fetoprotein for Screening Birth Defects in Resource-Limited Settings: Proof-of-Concept Study. 2021 , 6,		1
142	Folate fortification and supplementation in prevention of folate-sensitive neural tube defects: a systematic review of policy. 2020 , 1-17		5
141	Organoids as a new model system to study neural tube defects. 2021 , 35, e21545		6
140	Sexual Function and Dysfunction in Individuals with Spina Bifida: A Systematic Review. 2021 , 156, 308-319		0
139	Four-Year Treatment Outcomes of Children Operated for Neural Tube Defect in Addis Ababa, Ethiopia: A Retrospective Study. 2021 , 148, e695-e702		1
138	Anemia and Vitamin B-12 and Folate Status in Women of Reproductive Age in Southern India: Estimating Population-Based Risk of Neural Tube Defects. <i>Current Developments in Nutrition</i> , 2021 , 5, nzab069	0.4	2
137	Prenatal Diagnosis of Fetal Malformations by Ultrasound. 2021 , 647-700		
136	Birth prevalence of neural tube defects and associated risk factors in Africa: a systematic review and meta-analysis. 2021 , 21, 190		0
135	MTHFR C677T and A1298C variants in Mexican Mestizo infants with neural tube defects from Western Mexico. 2021 , 61, 188-192		1
134	Hindbrain neuropore tissue geometry determines asymmetric cell-mediated closure dynamics in mouse embryos. 2021 , 118,		7
133	Global birth defects app: An innovative tool for describing and coding congenital anomalies at birth in low resource settings. <i>Birth Defects Research</i> , 2021 , 113, 1057-1073	2.9	1
132	The VANGL1 P384R variant cause both neural tube defect and Klippel-Feil syndrome. 2021 , 9, e1710		
131	Prenatal exposure to organochlorine pesticides is associated with increased risk for neural tube defects. 2021 , 770, 145284		4
130	Multi-mycotoxin profiling in maize reveals prevalence of Fusarium mycotoxins in South and West Ethiopia. 1-12		1
129	Potential for elimination of folate and vitamin B deficiency in India using vitamin-fortified tea: a preliminary study. 2021 , 4, 293-306		1
128	Examining the Vanishing Twin Hypothesis of Neural Tube Defects: Application of an Epigenetic Predictor for Monozygotic Twinning. 2021 , 24, 155-159		
127	Predictors of congenital anomalies among newborns in Arsi zone public hospitals, Southeast Ethiopia: a case-control study. 2021 , 47, 143		1
126	Magnitude and determinants of neural tube defect in Africa: a systematic review and meta-analysis. <i>BMC Pregnancy and Childbirth</i> , 2021 , 21, 426	3.2	3

125	A high level of KLF12 causes folic acid-resistant neural tube defects by activating the Shh signaling pathway in mice. 2021 , 105, 837-845	
124	Clinico-epidemiological profile and outcomes of babies with neural tube defects in a tertiary care center in Northern India. 2021 , 1-6	
123	Knowledge, attitude and practice of physicians regarding periconceptional folic acid for women at low risk of a neural tube defect affected pregnancy. 2021 , 22, 101327	0
122	Etiology and Pathophysiology of the Spina Bifida.	
121	Spina bifida: a multidisciplinary problem (a literature review). 2021 , 11, 201-213	3
120	Severe neural tube defects due to failure of closure initiation can arise without abnormality of neuroepithelial convergent extension.	
119	Multiple site neural tube defects at Zewditu Memorial Hospital, Addis Ababa, Ethiopia: a case report. 2021 , 15, 429	1
118	Genetic interaction of Pax3 mutation and canonical Wnt signaling modulates neural tube defects and neural crest abnormalities. 2021 , 59, e23445	1
117	UK introduces folic acid fortification of flour to prevent neural tube defects. 2021 , 398, 1199-1201	3
116	Parental metal exposures as potential risk factors for spina bifida in Bangladesh. 2021 , 157, 106800	1
115	An ontology for developmental processes and toxicities of neural tube closure. 2021 , 99, 160-167	2
114	Preclinical stem cell therapy in fetuses with myelomeningocele: A systematic review and meta-analysis. 2021 , 41, 283-300	4
113	Determinants of neural tube defect among children at zewditu memorial hospital, addis ababa, ethiopia a case control study. 2021 , 15, 100318	1
112	Neural Tube Defects: Meningocele and Encephalocele. 2021 , 219-232	
111	Hindbrain neuropore tissue geometry determines asymmetric cell-mediated closure dynamics.	1
110	Neonatal ten-year retrospective study on neural tube defects in a second level University Hospital. 2020 , 46, 72	2
109	Improved Bowel Function in Patients with Spina Bifida After Bone Marrow-Derived Mononuclear Cell Transplantation: A Report of 2 Cases. 2018 , 19, 1010-1018	5
108	Burden of rare deleterious variants in WNT signaling genes among 511 myelomeningocele patients. <i>PLoS ONE</i> , 2020 , 15, e0239083	3.7 3

107	Population-level assessment of atlas occipitalization in artificially modified crania from pre-Hispanic Peru. <i>PLoS ONE</i> , 2020 , 15, e0239600	3-7	1
106	Time trends in the prevalence and epidemiological characteristics of neural tube defects in Liaoning Province, China, 2006-2015: A population-based study. 2017 , 8, 17092-17104		11
105	Changing trends in the prevalence of anencephaly in Liaoning province of Northeast China from 2006-2015: data from a population-based birth defects registry. 2017 , 8, 52846-52853		4
104	Neurosurgical training and global health education: systematic review of challenges and benefits of in-country programs in the care of neural tube defects. 2020 , 48, E14		7
103	Intracranial translucency as a sonographic marker for detecting open spina bifida at 11-13 weeks scan: Our experience. 2017 , 27, 427-431		2
102	Risk of congenital birth defects during COVID-19 pandemic: Draw attention to the physicians and policymakers. 2020 , 10, 020378		9
101	Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure. 2020 , 9,		8
100	A silent epidemic of major congenital malformations in Tigray, northern Ethiopia: hospital-based study. 2021 , 11, 21035		0
99	Knowledge of community pharmacists in the Kathmandu Valley, Nepal about the risks associated with medication use during pregnancy. 2021 ,		
98	Factors associated with self-management independence and quality of life for adolescents and young adults with spina bifida engaged in a guideline-based transition clinic. 2021 ,		1
97	Prevalence and time trends of spina bifida in fourteen cities located in the Liaoning province of northeast China, 2006-2015. 2017 , 8, 18943-18948		
96	Encyclopedia of Clinical Neuropsychology. 2017 , 1-4		
95	Encephalocele, Meningocele, and Dermal Sinus. 2017 , 1-29		
94	Optimization of family planning service in Ukraine in the realization of modern strategy of woman health maintenance. 2017 , 7-16		3
93	Entwicklungsstörungen des zentralen Nervensystems. 2018 , 1-12		
92	Encyclopedia of Clinical Neuropsychology. 2018 , 225-229		
91	Posterior Fontanelle Encephalomeningocele in a Neonate: A Case Report. 2018 , 10, e2315		0
90	Bilgesel nbal tı defektli gebelerin sağlığı gebelerle karlı teması		

89	Posterior axis formation requires Dlx5/Dlx6 expression at the neural plate border.		
88	Entwicklungsstörungen des zentralen Nervensystems. <i>Springer Reference Medizin</i> , 2019 , 1-12	0	
87	Novel mouse model of encephalocele: post-neurulation origin and relationship to open neural tube defects.		4
86	Association of consanguineous marriages with congenital anomalies. <i>Pakistan Biomedical Journal</i> , 2021 , 2,		1
85	Risk factors, presentation and outcome of meningomyelocele repair. <i>Pakistan Journal of Medical Sciences</i> , 2020 , 36, 422-425	2	2
84	Point-of-Care Quantification of Serum Alpha-Fetoprotein for Screening Birth Defects in Resource-Limited Settings: Proof-of-Concept Study (Preprint).		
83	Multimodality Imaging Evaluation of Fetal Spine Anomalies with Postnatal Correlation. <i>Radiographics</i> , 2021 , 41, 2176-2192	5.4	1
82	Neurogenic Bladder. 2021 , 469-485		
81	Prenatal Screening for Neural Tube Defects and Aneuploidy. 2022 , 9-34		
80	Entwicklungsstörungen des zentralen Nervensystems. <i>Springer Reference Medizin</i> , 2020 , 759-770	0	
79	Tekiz gebeliklerde birinci trimester intrakranial translusensi nomogramı <i>Zeynep Kamil Tip Bulteni</i> ,	0	
78	Sonic hedgehog signaling directs patterned cell remodeling during cranial neural tube closure.		
77	Development and Utility of a Birth Defects Surveillance Toolkit. 2018 ,		
76	Prevalence of neural tube defects, maternal HIV status, and antiretroviral therapy from a hospital-based birth defect surveillance in Kampala, Uganda. <i>Birth Defects Research</i> , 2021 ,	2.9	0
75	miR-222-3p is involved in neural tube closure by directly targeting Ddit4 in RA induced NTDs mouse model. <i>Cell Cycle</i> , 2021 , 20, 2372-2386	4.7	0
74	Vangl2-environment interaction causes severe neural tube defects, without abnormal neuroepithelial convergent extension. <i>DMM Disease Models and Mechanisms</i> , 2021 ,	4.1	1
73	Three-dimensional visualization of secondary neurulation in chick embryos using microCT. <i>Developmental Dynamics</i> , 2021 ,	2.9	0
72	Identification of the most damaging nsSNPs in the human CFL1 gene and their functional and structural impacts on cofilin-1 protein.. <i>Gene</i> , 2022 , 819, 146206	3.8	2

71	Periconceptual folic acid use prevents both rare and common neural tube defects in China.. <i>Birth Defects Research</i> , 2022 ,	2.9	0
70	Prevalence of neural tube defects at Debre Berhan Referral Hospital, North Shewa, Ethiopia. A hospital based retrospective cross-section study.. <i>PLoS ONE</i> , 2022 , 17, e0261177	3.7	
69	Population Estimates of People with Spina Bifida in the United States in 2020.		
68	Pharmacovigilance in Low and Middle-Income Countries: A review with particular focus on Africa.. <i>British Journal of Clinical Pharmacology</i> , 2021 ,	3.8	3
67	Fumonisin. 2022 , 955-981		
66	Neural tube defect prevalence does not increase after modification of the folic acid fortification program in Chile.. <i>Birth Defects Research</i> , 2022 ,	2.9	0
65	Trend and burden of neural tube defects among cohort of pregnant women in Ethiopia: Where are we in the prevention and what is the way forward?. <i>PLoS ONE</i> , 2022 , 17, e0264005	3.7	0
64	Factors Associated With Neural Tube Defects Among Newborns Delivered at Debre Berhan Specialized Hospital, North Eastern Ethiopia, 2021. Case-Control Study.. <i>Frontiers in Pediatrics</i> , 2021 , 9, 795637	3.4	
63	Knowledge of Neural Tube Defects and Prevention Through Folic Acid Use Among Women in Faisalabad, Punjab, Pakistan: A Cross-Sectional Survey.. <i>International Journal of Women's Health</i> , 2022 , 14, 425-434	2.8	0
62	Folate, Vitamin B12, and Homocysteine Levels in Women With Neural Tube Defect-Affected Pregnancy in Addis Ababa, Ethiopia.. <i>Frontiers in Nutrition</i> , 2022 , 9, 873900	6.2	0
61	Nuclear factor I-C disrupts cellular homeostasis between autophagy and apoptosis via miR-200b-Ambra1 in neural tube defects.. <i>Cell Death and Disease</i> , 2021 , 13, 17	9.8	3
60	Evaluation of neural tube defects from 2014 to 2019 in Turkey.. <i>BMC Pregnancy and Childbirth</i> , 2022 , 22, 340	3.2	
59	Cannabidiol impairs neural tube closure in mouse whole embryo culture.. <i>Birth Defects Research</i> , 2022 ,	2.9	
58	Table_1.docx. 2018 ,		
57	Table_1.DOCX. 2020 ,		
56	Pathogenesis of neural tube defects: The regulation and disruption of cellular processes underlying neural tube closure.. <i>WIREs Mechanisms of Disease</i> , 2022 , e1559	0.3	0
55	Folate Deficiency is Spatially Dependent and Associated with Local Farming Systems Among Women in Ethiopia. <i>Current Developments in Nutrition</i> ,	0.4	
54	The role of Lrp6-mediated Wnt/ β -catenin signaling in the cause and intervention of spinal neural tube defects in mice.. <i>DMM Disease Models and Mechanisms</i> , 2022 ,	4.1	0

53	Case series of cranial and spinal dysraphism. <i>National Journal of Clinical Anatomy</i> , 2022 , 11, 110	0.2	
52	Preconception of folic acid supplementation knowledge among Ethiopian women reproductive age group in areas with high burden of neural tube defects: a community based cross-sectional study. <i>Journal of Nutritional Science</i> , 2022 , 11,	2.7	
51	Influence of narrowband ultraviolet B phototherapy on serum folate level in skin of color females: A cross-sectional study. <i>International Journal of Women's Dermatology</i> , 2022 , 8, e005	2	
50	Synchronisation of apical constriction and cell cycle progression is a conserved behaviour of pseudostratified neuroepithelia informed by their tissue geometry.		
49	Management and outcomes of myelomeningocele-associated hydrocephalus in low- and middle-income countries: a systematic review and meta-analysis protocol.		
48	Exploring epigenomic mechanisms of neural tube defects using multi-omics methods and data. <i>Annals of the New York Academy of Sciences</i> ,	6.5	
47	Sacral Spina Bifida Occulta: A Frequency Analysis of Secular Change. <i>Anthropological Review</i> , 2022 , 85, 13-62	0.6	
46	Prevalence of Congenital Anomaly and Its Relationship with Maternal Education and Age According to Local Development in the Extreme South of Brazil. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 8079	4.6	1
45	Non-isolated neural tube defects with comorbid malformations are responsive to population-level folic acid supplementation in Northern China.		
44	Effect of Dietary Supplement Use on Pregnancy. 2022 , 26, 164-170		
43	Non-Isolated Neural Tube Defects with Comorbid Malformations Are Responsive to Population-Level Folic Acid Supplementation in Northern China. 2022 , 11, 1371		0
42	Multiple-site neural tube defects complicated by multiple-site split cord malformations and thickened filum terminale: experience at a pediatric neurosurgical teaching hospital in Ethiopia. Illustrative case. 2022 , 4,		0
41	LATS1/2 control TGFB-directed epithelial-to-mesenchymal transition in the murine dorsal cranial neuroepithelium through YAP regulation. 2022 , 149,		0
40	Prevalence of microcephaly and Zika virus infection in a pregnancy cohort in Kenya, 2017-2019. 2022 , 20,		0
39	Second-generation HIV integrase inhibitors induce differentiation dysregulation and exert toxic effects in human embryonic stem cell and mouse models.		0
38	Integration of epigenomic and transcriptome analyses of neural tube defects reveals methylation driver lncRNAs and mRNAs.		0
37	Long-term pedigree analysis: An effective tool for managing congenital malformations in cattle. 2022 , 67, 385-393		0
36	Fetal Repair of Neural Tube Defects. 2022 , 49, 835-848		0

- 35 A global update on the status of prevention of folic acid-preventable spina bifida and anencephaly in year 2020: 30-Year anniversary of gaining knowledge about folic acid's prevention potential for neural tube defects. ○
- 34 The role of neurosurgeons in global public health: the case of folic acid fortification of staple foods to prevent spina bifida. **2022**, 1-8 ○
- 33 Single nucleotide polymorphisms of PCP pathway related genes participate in the occurrence and development of neural tube defect. ○
- 32 Analysis of DNMT1 Gene Variants in Progression of Neural Tube Defects- an insilico to invitro approach. ○
- 31 Airway management in a child with large occipital encephalocele associated with restricted neck movements and receding mandible. **2023**, 17, 125 ○
- 30 Accelerated three-dimensional susceptibility weighted imaging of the whole spine of fetus at 3T. **2023**, 158, 110622 ○
- 29 Synchronisation of apical constriction and cell cycle progression is a conserved behaviour of pseudostratified neuroepithelia informed by their tissue geometry. **2023**, 494, 60-70 ○
- 28 The role of nutrients in human neurodevelopment and their potential to prevent neurodevelopmental adversity. 9, ○
- 27 Neural Tube Defects Treated in Tanzania and Kenia. ○
- 26 Effect of tramadol hydrochloride on neural tube development in 48-hr chick embryos: Argyrophilic nucleolar organizing region and genetic analysis study. ○
- 25 Loss-of-Function of p21-Activated Kinase 2 Links BMP Signaling to Neural Tube Patterning Defects. 2204018 ○
- 24 Neurodevelopmental Implications on Urological Self-management Among People Living With Spina Bifida: A Practical Guide for Urology Providers. **2022**, ○
- 23 From autism to zoom : Spina bifida advocacy, care, education, and research in a changing word. **2022**, 1-3 ○
- 22 Neural Tube Development and Defects: Meningocele, Encephalocele, Hydrocephalus. **2023**, 669-694 ○
- 21 Indoor air pollution from coal combustion and tobacco smoke during the periconceptual period and risk for neural tube defects in offspring in five rural counties of Shanxi Province, China, 2010-2016. **2023**, 171, 107728 ○
- 20 Demographics, referral patterns and outcome of neural tube defect patients in Southwestern Uganda. ○
- 19 Prevalence of neural tube defects among pregnant women in Addis Ababa: A community-based study using prenatal ultrasound examination. ○
- 18 Chronic hydrocephalus and tethered cord masquerading as post-concussive syndrome. **2023**, ○

- 17 Somitic mesoderm morphogenesis is necessary for neural tube closure during *Xenopus* development. 10,
- 16 Impaired Function of Solute Carrier Family 19 Leads to Low Folate Levels and Lipid Droplet Accumulation in Hepatocytes. **2023**, 11, 337
- 15 Antiretroviral Options and Treatment Decisions During Pregnancy. **2023**, 25, 267-282
- 14 Management and outcomes of myelomeningocele-associated hydrocephalus in low-income and middle-income countries: a systematic review and meta-analysis protocol. **2023**, 13, e066339
- 13 Inositol and the prevention of adverse fetal outcomes, with particular reference to neural tube defects. **2023**, 111-121
- 12 Knowledge of periconceptional folic acid supplementation and associated factors among pregnant women attending antenatal care at public health facilities in Hawassa, South Ethiopia. **2023**, 115, 647-657
- 11 The cellular dynamics of neural tube formation. **2023**, 51, 343-352
- 10 Integrated surveillance strategy to support the prevention of neural tube defects through food fortification with folic acid: the experience of Costa Rica.
- 9 A Randomized Trial of Quadruple-Fortified Salt for Anemia and Birth Defects Prevention in Southern India: Protocol Design and Methods. **2023**, 7, 100052
- 8 Administration of prosaposin-derived neurotrophic factor to neural tube defects facilitates regeneration and restores neurological functions. **2023**, 26, 106277
- 7 Prevalence of neural tube defects among pregnant women in Addis Ababa: a community-based study using prenatal ultrasound examination.
- 6 Neural tube defects: a review of global prevalence, causes, and primary prevention.
- 5 First report of surgery for anencephaly in twin pregnancies: Technical notes and postoperative management. **2023**, 102, e33358
- 4 Prenatal cadmium exposure impairs neural tube closure via inducing excessive apoptosis in neuroepithelium. **2023**,
- 3 Neural tube defects: Prevalence, mortality, and maternal characteristics in two departmental hospitals in the northwestern region of Nicaragua, 2006-2018.
- 2 Estimating the serum folate concentration that corresponds to the red blood cell folate concentration threshold associated with optimal neural tube defects prevention: A population-based biomarker survey in Southern India. **2023**,
- 1 Transitioning care for adolescents with spina bifida in the US: challenges for management.