



Twin Research Publications December 2022

1. Amin V, Fletcher JM. **What is driving the relationship between height and cognition? Evidence from the Twins Early Development Study.** Econ Hum Biol. 2022 Dec;47:101174. doi: 10.1016/j.ehb.2022.101174. Epub 2022 Aug 17.
<https://pubmed.ncbi.nlm.nih.gov/36027762/>
2. Anderson EL, McGue M, Sackett PR, Iacono WG. **Familial resemblance, citizenship, and counterproductive work behavior: A combined twin, adoption, parent-offspring, and spouse approach.** J Appl Psychol. 2022 Dec;107(12):2334-2349. doi: 10.1037/apl0001005. Epub 2022 Jan 27.
<https://pubmed.ncbi.nlm.nih.gov/35084901/>
3. Ashtree DN, Osborne DA, Lee A, Umstad MP, Saffery R, Craig JM, Scurrah KJ. **Gestational weight gain is associated with childhood height, weight and BMI in the Peri/Postnatal Epigenetic Twins Study.** J Dev Orig Health Dis. 2022 Dec;13(6):757-765. doi: 10.1017/S2040174422000113. Epub 2022 Mar 24.
<https://pubmed.ncbi.nlm.nih.gov/35322788/>
4. Attali E, Epstein D, Lavie M, Lavie A, Reicher L, Yogeve Y, Ashwal E, Hirsch L. **Mild thrombocytopenia and the risk for postpartum hemorrhage in twin pregnancies.** Int J Gynaecol Obstet. 2022 Dec;159(3):790-795. doi: 10.1002/ijgo.14187. Epub 2022 Apr 6.
<https://pubmed.ncbi.nlm.nih.gov/35307829/>
5. Austin C, Curtin P, Arora M, Reichenberg A, Curtin A, Iwai-Shimada M, Wright RO, Wright RJ, Remnelius KL, Isaksson J, Bölte S, Nakayama SF. **Elemental Dynamics in Hair Accurately Predict Future Autism Spectrum Disorder Diagnosis: An International Multi-Center Study.** J Clin Med. 2022 Dec 1;11(23):7154. doi: 10.3390/jcm11237154.
<https://pubmed.ncbi.nlm.nih.gov/36498727/>
6. Bahari Shargh R, Rostami S, Abtahi H, Shariat M, Mardaneh J, Noughi F, Hosein Lookzadeh M, Khorsandi B, Zendehtdel K. **The Iranian Newborn Multiples Registry (IRNMR): a registry protocol.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):5213-5216. doi: 10.1080/14767058.2021.1875445. Epub 2021 Jun 14.
<https://pubmed.ncbi.nlm.nih.gov/34126847/>
7. Barinov SV, Di Renzo GC, Belinina AA, Koliado OV, Remneva OV. **Clinical and biochemical markers of spontaneous preterm birth in singleton and multiple pregnancies.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):5724-5729. doi: 10.1080/14767058.2021.1892064. Epub 2021 Feb 24.
<https://pubmed.ncbi.nlm.nih.gov/33627033/>



8. Batzios S, Tal G, DiStasio AT, Peng Y, Charalambous C, Nicolaides P, Kamsteeg EJ, Korman SH, Mandel H, Steinbach PJ, Yi L, Fair SR, Hester ME, Drousiotou A, Kaler SG. **Newly identified disorder of copper metabolism caused by variants in CTR1, a high-affinity copper transporter.** Hum Mol Genet. 2022 Dec 16;31(24):4121-4130. doi: 10.1093/hmg/ddac156.
<https://pubmed.ncbi.nlm.nih.gov/35913762/>
9. Belmouhand M, Rothenbuehler SP, Hjelmberg JB, Dabbah S, Bjerager J, Sander BA, Dalgård C, Larsen M. **Heritability of retinal drusen in the Copenhagen Twin Cohort Eye Study.** Acta Ophthalmol. 2022 Dec;100(8):e1561-e1568. doi: 10.1111/aos.15136. Epub 2022 Mar 24.
<https://pubmed.ncbi.nlm.nih.gov/35322936/>
10. Binstock A, Bodnar LM, Himes KP. **Severe Maternal Morbidity in Twins.** Am J Perinatol. 2022 Dec 21. doi: 10.1055/a-1974-4449. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36347509/>
11. Boutwell BB, Narvey CS, Helton JJ, Piquero AR. **Why twin studies are important for health span science research: the case of maltreatment of aging adults.** BMC Geriatr. 2022 Dec 8;22(1):943. doi: 10.1186/s12877-022-03440-6.
<https://pubmed.ncbi.nlm.nih.gov/36482330/>
12. Cali G, Labate F, Cucinella G, Fabio M, Buca D, Di Girolamo R, Khalil A, D'Antonio F. **Placenta accreta spectrum disorders in twin pregnancies as an under reported clinical entity: a case series and systematic review.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):8848-8851. doi: 10.1080/14767058.2021.2005568. Epub 2022 Mar 13.
<https://pubmed.ncbi.nlm.nih.gov/35282751/>
13. Carvalho FD, Araujo Júnior E, Santana EF. **The role of fetal surveillance in monozygotic twins: review of the current findings.** Minerva Obstet Gynecol. 2022 Dec;74(6):530-541. doi: 10.23736/S2724-606X.21.04879-X. Epub 2021 Sep 21.
<https://pubmed.ncbi.nlm.nih.gov/34546021/>
14. Chande P, Chavan N, Rajput H, Mahapatra S, Mirza H. **Conjoined Twins: A Rare Entity.** J Obstet Gynaecol India. 2022 Dec;72(6):539-541. doi: 10.1007/s13224-021-01492-z. Epub 2021 May 11.
<https://pubmed.ncbi.nlm.nih.gov/36506898/>
15. Che R, Pei J, Chen H, Dong L, Wu Y, Hua X. **The influence of hypertensive disorders during pregnancy on the perinatal outcome of different chorionic twins.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7146-7152. doi: 10.1080/14767058.2021.1945574. Epub 2021 Jun 27.
<https://pubmed.ncbi.nlm.nih.gov/34180344/>



16. Chen C, Lu Y, Lundström S, Larsson H, Lichtenstein P, Pettersson E. **Associations between psychiatric polygenic risk scores and general and specific psychopathology symptoms in childhood and adolescence between and within dizygotic twin pairs.** J Child Psychol Psychiatry. 2022 Dec;63(12):1513-1522. doi: 10.1111/jcpp.13605. Epub 2022 Mar 15.
<https://pubmed.ncbi.nlm.nih.gov/35292971/>
17. Cohen R, Kashani Ligumsky L, Lopian M, Maiberg R, Elmalech A, Olteanu I, Lessing J, Jaffe Lifshitz S, Cohen M, Haran G. **Is vaginal delivery of a breech second twin safe? A comparison between delivery of vertex and non-vertex second twins.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):8852-8855. doi: 10.1080/14767058.2021.2005569. Epub 2021 Nov 22.
<https://pubmed.ncbi.nlm.nih.gov/34809500/>
18. Cordray H, Liu-Lam O, Tey CS, Alfonso K. **Congenital Cytomegalovirus Infection and Hearing Outcomes in Twins: A Systematic Review of Reported Cases.** Otol Neurotol. 2022 Dec 20. doi: 10.1097/MAO.0000000000003776. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36538753/>
19. Corroenne R, Wesley L, Kailin JA, Yilmaz Furtun B, Sanz Cortes M, Shamshirsaz AA, Nassr AA, Belfort MA, Espinoza J. **Inter-twin differences in fetal echocardiographic findings are associated with decreased dual twin survival in twin-twin transfusion syndrome.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):4935-4941. doi: 10.1080/14767058.2021.1873268. Epub 2021 Jan 17.
<https://pubmed.ncbi.nlm.nih.gov/33455509/>
20. de Sainte Fare A, Bedei I, Wolter A, Schenk J, Widriani E, Keil C, Koehler S, Bahlmann F, Strizek B, Gembruch U, Berg C, Axt-Fliedner R. **The Value of Delta Middle Cerebral Artery Peak Systolic Velocity for the Prediction of Twin Anemia-Polycythemia Sequence-Analysis of a Heterogenous Cohort of Monochorionic Twins.** J Clin Med. 2022 Dec 19;11(24):7541. doi: 10.3390/jcm11247541.
<https://pubmed.ncbi.nlm.nih.gov/36556157/>
21. Dediu D, Jennings EM, Van't Ent D, Moisik SR, Di Pisa G, Schulze J, de Geus EJC, den Braber A, Dolan CV, Boomsma DI. **The heritability of vocal tract structures estimated from structural MRI in a large cohort of Dutch twins.** Hum Genet. 2022 Dec;141(12):1905-1923. doi: 10.1007/s00439-022-02469-2. Epub 2022 Jul 13.
<https://pubmed.ncbi.nlm.nih.gov/35831475/>



22. Del Pino Hernández IL, García Domínguez MJ, Urquía Martí L, Reyes Suárez D, Avila-Alvarez A, García-Muñoz Rodrigo F. **Birth order and morbidity and mortality to hospital discharge among inborn very low-birthweight, very preterm twin infants admitted to neonatal intensive care: a retrospective cohort study.** Arch Dis Child Fetal Neonatal Ed. 2022 Dec 30:fetalneonatal-2022-324724. doi: 10.1136/archdischild-2022-324724. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36585246/>
23. Dove A, Guo J, Marseglia A, Fastbom J, Vetrano DL, Fratiglioni L, Pedersen NL, Xu W. **Cardiometabolic multimorbidity and incident dementia: the Swedish twin registry.** Eur Heart J. 2022 Dec 29:ehac744. doi: 10.1093/eurheartj/ehac744. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36577740/>
24. Figueras M, Cabot R, Viñes M, Torres X, Martinez-Portilla RJ. **Effect of multiple pregnancy and laterality on infant neurodevelopment.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):5236-5243. doi: 10.1080/14767058.2021.1876023. Epub 2021 Jan 21.
<https://pubmed.ncbi.nlm.nih.gov/33478295/>
25. Ford AM, Colman S, Greaves M. **Covert pre-leukaemic clones in healthy co-twins of patients with childhood acute lymphoblastic leukaemia.** Leukemia. 2022 Dec 20. doi: 10.1038/s41375-022-01756-1. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36536099/>
26. Forde B, Fresch R, Masters H, DeFranco EA, McKinney DN, Tabbah S, Lim F, Habli M. **Comparison of Pregnancy Outcomes of Previable and Periviable Rupture of Membranes After Laser Photocoagulation for Twin-Twin Transfusion Syndrome.** Obstet Gynecol. 2022 Dec 1;140(6):965-973. doi: 10.1097/AOG.0000000000004970. Epub 2022 Nov 2.
<https://pubmed.ncbi.nlm.nih.gov/36357989/>
27. Friedlander ANH, Mitchell RHB, Dimick MK, Kennedy KG, MacIntosh BJ, Goldstein BI. **Clinical and neuroimaging characteristics of monozygotic 16-Year-Old twins discordant for bipolar disorder: A case study.** Bipolar Disord. 2022 Dec;24(8):836-839. doi: 10.1111/bdi.13258. Epub 2022 Sep 23.
<https://pubmed.ncbi.nlm.nih.gov/36117325/>
28. Garcia-Ispuerto I, Palacín-Chauri RJ, López-Gatius F. **Twin reduction in the late embryonic period prevents the condition of freemartin in dairy cattle.** Reprod Domest Anim. 2022 Dec;57(12):1649-1651. doi: 10.1111/rda.14258. Epub 2022 Sep 17.
<https://pubmed.ncbi.nlm.nih.gov/36098682/>



29. Gu Y, Yu C, Zhang L, Weng Y, Zhou F, Yu Q, Zhang H. **Abnormal umbilical cord insertion and birth weight discordancy in monochorionic diamniotic twins: A retrospective study.** *Medicine (Baltimore)*. 2022 Dec 16;101(50):e32316. doi: 10.1097/MD.00000000000032316.
<https://pubmed.ncbi.nlm.nih.gov/36550827/>
30. Gulersen M, Eliner Y, Grunebaum A, Lenchner E, Bar-Ei L, Chervenak FA, Bornstein E. **Adverse outcomes associated with twin pregnancies conceived via in vitro fertilization.** *J Matern Fetal Neonatal Med*. 2022 Dec;35(25):10213-10219. doi: 10.1080/14767058.2022.2122806. Epub 2022 Sep 13.
<https://pubmed.ncbi.nlm.nih.gov/36100265/>
31. Gupta NP, Aggarwal A, Batra A, Thakur G. **Antenatal mercury exposure associated with severe acute kidney injury in twins.** *J Nephrol*. 2022 Dec;35(9):2395-2397. doi: 10.1007/s40620-022-01417-7. Epub 2022 Sep 2.
<https://pubmed.ncbi.nlm.nih.gov/36053461/>
32. Hasegawa M, Taniguchi J, Ueda H, Watanabe M. **Twin Study: Genetic and Epigenetic Factors Affecting Circulating Adiponectin Levels.** *J Clin Endocrinol Metab*. 2022 Dec 17;108(1):144-154. doi: 10.1210/clinem/dgac532.
<https://pubmed.ncbi.nlm.nih.gov/36082629/>
33. Hong X, Wu Z, Cao W, Lv J, Yu C, Huang T, Sun D, Liao C, Pang Y, Pang Z, Cong L, Wang H, Wu X, Liu Y, Gao W, Li L. **Longitudinal Association of DNA Methylation With Type 2 Diabetes and Glycemic Traits: A 5-Year Cross-Lagged Twin Study.** *Diabetes*. 2022 Dec 1;71(12):2804-2817. doi: 10.2337/db22-0513.
<https://pubmed.ncbi.nlm.nih.gov/36170668/>
34. Jeong BD, Usamah A, Won HS, Lee MY, Lee J, Kim R. **Feasibility of fetal left modified myocardial performance index in twin anemia polycythemia sequence and perinatal outcomes after antenatal intervention.** *J Matern Fetal Neonatal Med*. 2022 Dec;35(25):5017-5024. doi: 10.1080/14767058.2021.1874342. Epub 2021 Apr 28.
<https://pubmed.ncbi.nlm.nih.gov/33910449/>
35. Kantor V, Mo L, DiNonno W, Howard K, Palsuledesai CC, Parmar S, Chithiwala Z, Jelsema R, Xu W, Hedriana HL. **Positive predictive value of a single nucleotide polymorphism (SNP)-based NIPT for aneuploidy in twins: Experience from clinical practice.** *Prenat Diagn*. 2022 Dec;42(13):1587-1593. doi: 10.1002/pd.6262. Epub 2022 Nov 21.
<https://pubmed.ncbi.nlm.nih.gov/36336878/>



-
36. Karlsson IK, Ploner A, Wang Y, Gatz M, Pedersen NL, Hägg S. **Leukocyte DNA methylation in Alzheimer's disease associated genes: replication of findings from neuronal cells.** Epigenetics. 2022 Dec 26;1-5. doi: 10.1080/15592294.2022.2158285. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36573011/>
37. Kim MJ, Kim HM, Cha HH, Kim H, Kim HS, Seong WJ. **Acute Twin-to-Twin Transfusion Syndrome Resulting in Fetal Bradycardia and Neonatal Death: A Case Report.** Medicina (Kaunas). 2022 Dec 9;58(12):1813. doi: 10.3390/medicina58121813.
<https://pubmed.ncbi.nlm.nih.gov/36557014/>
38. Kim R, Lee MY, Won HS, Kim JM, Lee YJ, Jeong BD, Kim HJ. **Perinatal outcomes and factors affecting the survival rate of fetuses with twin-to-twin transfusion syndrome treated with fetoscopic laser coagulation: a single-center seven-year experience.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):5595-5606. doi: 10.1080/14767058.2021.1888286. Epub 2021 Apr 20.
<https://pubmed.ncbi.nlm.nih.gov/33879028/>
39. Kulkarni AP, Hwang G, Cook CJ, Mohanty R, Guliani A, Nair VA, Bendlin BB, Meyerand E, Prabhakaran V. **Genetic influence on resting state networks in young male and female adults: a cartographer mapping study.** Hum Brain Mapp. 2022 Dec 20. doi: 10.1002/hbm.25947. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36537283/>
40. Leybovitz-Haleluya N, Sheiner E, Pariente G, Wainstock T. **The association between fetal gender in twin pregnancies and the risk of pediatric infectious diseases of the offspring: A population-based cohort study with long-term follow up.** J Perinatol. 2022 Dec;42(12):1587-1591. doi: 10.1038/s41372-022-01448-9. Epub 2022 Jul 5.
<https://pubmed.ncbi.nlm.nih.gov/35790850/>
41. Li J, Gu X, Wei Y, Tao Y, Zhai B, Peng C, Huang Q, Deng T, Yuan P. **Correlation of low fetal fraction of cell-free DNA at the early second-trimester and pregnancy complications related to placental dysfunction in twin pregnancy.** Front Med (Lausanne). 2022 Dec 1;9:1011366. doi: 10.3389/fmed.2022.1011366. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36590958/>
42. Ling D, Phelps A, Tate T, Adefisoye J, Mehra S, Prazad P. **Perinatal and neonatal outcomes for fetoscopic laser ablation for the treatment of twin twin transfusion syndrome at a single center.** J Perinatol. 2022 Dec 7. doi: 10.1038/s41372-022-01568-2. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36473930/>



-
43. Liu C, Wang Z, Hui Q, Goldberg J, Smith NL, Shah AJ, Murrah N, Shallenberger L, Diggers E, Bremner JD, Sun YV, Vaccarino V. **Association between depression and epigenetic age acceleration: A co-twin control study.** *Depress Anxiety.* 2022 Dec;39(12):741-750. doi: 10.1002/da.23279. Epub 2022 Jun 27.
<https://pubmed.ncbi.nlm.nih.gov/35758529/>
44. Loussert L, Schmitz T, Korb D, Seco A, Azria E, Sentilhes L, Goffinet F, Deneux-Tharaux C; JUmeaux Mode d'Accouchement (JUMODA) study group and the Groupe de Recherche en Obstétrique et Gynécologie (GROG). **Risk of Severe Postpartum Hemorrhage in Twin Pregnancies According to the Sum of Birth Weights.** *Obstet Gynecol.* 2022 Dec 1;140(6):958-964. doi: 10.1097/AOG.0000000000004993. Epub 2022 Nov 2.
<https://pubmed.ncbi.nlm.nih.gov/36357972/>
45. Lyu S, Gao L, Sun J, Zhao X, Wu Y, Hua R, Wang Y. **The association between maternal complications and small for gestational age in twin pregnancies using singleton and twin birth weight references.** *J Matern Fetal Neonatal Med.* 2022 Dec;35(25):7459-7465. doi: 10.1080/14767058.2021.1949703. Epub 2021 Jul 26.
<https://pubmed.ncbi.nlm.nih.gov/34311666/>
46. Magno G, Boer LL, Oostra RJ, Zanatta A. **The role of the University of Padua medical school in the study of conjoined twins between 18th and early 19th century.** *Am J Med Genet A.* 2022 Dec;188(12):3423-3431. doi: 10.1002/ajmg.a.62938. Epub 2022 Aug 10.
<https://pubmed.ncbi.nlm.nih.gov/35950294/>
47. Maqbool S, Zulqarnain I, Khan I, Farhan M, Noor Z, Ur Rehman ME, Bibi A, Basit J, Saeed S. **Placenta percreta invading left broad ligament in a woman with twin pregnancy: A case report.** *Ann Med Surg (Lond).* 2022 Nov 15;84:104875. doi: 10.1016/j.amsu.2022.104875. eCollection 2022 Dec.
<https://pubmed.ncbi.nlm.nih.gov/36582923/>
48. McCrone P, Boadu J. **Childhood Predictors of Healthcare Use and Health Status in Early Adulthood: Findings from the Twins Early Development Study.** *Int J Environ Res Public Health.* 2022 Dec 6;19(23):16349. doi: 10.3390/ijerph192316349.
<https://pubmed.ncbi.nlm.nih.gov/36498423/>
49. Mei X, Zhang B, Zhao M, Lu Q. **An update on epigenetic regulation in autoimmune diseases.** *J Transl Autoimmun.* 2022 Dec 9;5:100176. doi: 10.1016/j.jtauto.2022.100176. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36544624/>



-
50. Meller C, Izbizky G, Aiello H, Otaño L. **Performance of the cervical shortening for prediction of spontaneous preterm birth in uncomplicated twins.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):8300-8307. doi: 10.1080/14767058.2021.1973417. Epub 2021 Sep 27.
<https://pubmed.ncbi.nlm.nih.gov/34570673/>
51. Molin J, Paerregaard MM, Pihl C, Thygesen CB, Pietersen A, Dannesbo S, Norsk JB, Raja AA, Vøgg ROB, Sillesen AS, Iversen KK, Bundgaard H, Christensen AH. **Cardiac findings in newborn twins.** Acta Paediatr. 2022 Dec 13. doi: 10.1111/apa.16626. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36513612/>
52. Mustafa HJ, Javinani A, Krispin E, Tadbiri H, Espinoza J, Shamshirsaz AA, Nassr AA, Donepudi R, Belfort MA, Cortes MS, Harman C, Turan OM. **Fetoscopic laser surgery for twin-to-twin transfusion syndrome in DCTA triplets compared to MCDA twins: collaborative study and literature review.** J Matern Fetal Neonatal Med. 2022 Dec 18:1-7. doi: 10.1080/14767058.2022.2128649. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36529927/>
53. Nassr AA, Gessner M, Mostafaei S, Hessami K, Espinoza J, Donepudi RV, Sanz Cortes M, Krispin E, Sun RC, Qaderi S, Turan OM, Mustafa HJ, Harman C, Belfort MA, Shamshirsaz AA. **Perinatal outcomes of twin-to-twin transfusion syndrome associated with evidence of twin anemia polycythemia using different standardized definitions.** Eur J Obstet Gynecol Reprod Biol. 2022 Dec;279:45-49. doi: 10.1016/j.ejogrb.2022.10.007. Epub 2022 Oct 12.
<https://pubmed.ncbi.nlm.nih.gov/36244240/>
54. Ng YS, Turnbull DM. **Uncoupling of energy production.** Cell Metab. 2022 Dec 6;34(12):1901-1903. doi: 10.1016/j.cmet.2022.11.008.
<https://pubmed.ncbi.nlm.nih.gov/36476932/>
55. Oginni OA, Lim KX, Rahman Q, Jern P, Eley TC, Rijdsdijk FV. **Bidirectional Causal Associations Between Same-Sex Attraction and Psychological Distress: Testing Moderation and Mediation Effects.** Behav Genet. 2022 Dec 15. doi: 10.1007/s10519-022-10130-x. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36520248/>
56. Peel AJ, Oginni O, Assary E, Krebs G, Lockhart C, McGregor T, Palaiologou E, Ronald A, Danese A, Eley TC. **A multivariate genetic analysis of anxiety sensitivity, environmental sensitivity and reported life events in adolescents.** J Child Psychol Psychiatry. 2022 Dec 13. doi: 10.1111/jcpp.13725. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/36513622/>



57. Périnet AC, Massoud M, Picard L, Fichez A, Huissoud C, Nadaud B, Rault E. **[Comparison of foetal and neonatal mortality of monochorionic monoamniotic and monochorionic diamniotic twin pregnancies]**. *Gynecol Obstet Fertil Senol*. 2022 Dec 17:S2468-7189(22)00488-3. doi: 10.1016/j.gofs.2022.11.151. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36539075/>
58. Perrella SL, Nancarrow K, Rea A, Murray K, Simmer KN, Geddes DT. **Longitudinal Follow-up of Preterm Breastfeeding to 12 Weeks Corrected Gestational Age**. *Adv Neonatal Care*. 2022 Dec 1;22(6):571-577. doi: 10.1097/ANC.0000000000000925. Epub 2021 Nov 2. <https://pubmed.ncbi.nlm.nih.gov/34743110/>
59. Putnick DL, Bell EM, Ghassabian A, Mendola P, Sundaram R, Yeung EH. **Maternal antenatal depression's effects on child developmental delays: Gestational age, postnatal depressive symptoms, and breastfeeding as mediators**. *J Affect Disord*. 2022 Dec 21:S0165-0327(22)01419-7. doi: 10.1016/j.jad.2022.12.059. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36565964/>
60. Roberts KE, Beckenkamp PR, Ferreira ML, Duncan GE, Calais-Ferreira L, Gatt JM, Ferreira P. **Positive lifestyle behaviours and emotional health factors are associated with low back pain resilience**. *Eur Spine J*. 2022 Dec;31(12):3616-3626. doi: 10.1007/s00586-022-07404-7. Epub 2022 Oct 8. <https://pubmed.ncbi.nlm.nih.gov/36208321/>
61. Saab RH, DeVore GR, Monson M, Masri J, Korst LM, Chmait RH. **Correction of fetal umbilical vein flow imbalance following laser surgery for twin-twin transfusion syndrome**. *Ultrasound Obstet Gynecol*. 2022 Dec;60(6):774-779. doi: 10.1002/uog.26041. <https://pubmed.ncbi.nlm.nih.gov/36454633/>
62. Sangermano R, Biswas P, Sullivan LS, Place EM, Boroah S, Straubhaar J, Pierce EA, Daiger SP, Bujakowska KM, Ayaggari R. **Identification of a novel large multigene deletion and a frameshift indel in PDE6B as the underlying cause of early-onset recessive rod-cone degeneration**. *Cold Spring Harb Mol Case Stud*. 2022 Dec 28;8(7):a006247. doi: 10.1101/mcs.a006247. Print 2022 Dec. <https://pubmed.ncbi.nlm.nih.gov/36376065/>



63. Sentilhes L, Madar H, Le Lous M, Sénat MV, Winer N, Rozenberg P, Kayem G, Verspyck E, Fuchs F, Azria E, Gallot D, Korb D, Desbrière R, Le Ray C, Chauleur C, de Marcillac F, Perrotin F, Parant O, Salomon LJ, Gauchotte E, Bretelle F, Sananès N, Bohec C, et al. **Tranexamic acid for the prevention of blood loss after cesarean among women with twins: a secondary analysis of the TRAnexamic Acid for Preventing Postpartum Hemorrhage Following a Cesarean Delivery randomized clinical trial.** Am J Obstet Gynecol. 2022 Dec;227(6):889.e1-889.e17. doi: 10.1016/j.ajog.2022.06.019. Epub 2022 Jun 18.
<https://pubmed.ncbi.nlm.nih.gov/35724759/>
64. Sessa R, Masciullo L, Filardo S, Di Pietro M, Brandolino G, Brunelli R, Galoppi P, Terrin G, Viscardi MF, Anastasi E, Porpora MG. **SARS-CoV-2 vertical transmission in a twin-pregnant woman: a case report.** Int J Infect Dis. 2022 Dec;125:192-194. doi: 10.1016/j.ijid.2022.10.019. Epub 2022 Oct 19.
<https://pubmed.ncbi.nlm.nih.gov/36272699/>
65. Song H, Liu G, Li Y. **The "Hand as foot" teaching method in twin's fetal positions.** Asian J Surg. 2022 Dec;45(12):3007-3009. doi: 10.1016/j.asjsur.2022.06.145. Epub 2022 Jul 1.
<https://pubmed.ncbi.nlm.nih.gov/35788331/>
66. Starck T, Dambach P, Rouamba T, Tinto H, Osier F, Oldenburg CE, Adam M, Bärnighausen T, Jaenisch T, Bulstra CA. **The effect of malaria on childhood anemia in a quasi-experimental study of 7,384 twins from 23 Sub-Saharan African countries.** Front Public Health. 2022 Dec 6;10:1009865. doi: 10.3389/fpubh.2022.1009865. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36561861/>
67. Takahashi H, Watanabe Y, Hirakawa T, Tanaka H, Tomiyama N, Koto Y, Sakai N, Osaka Twin Research Group. **Assessment of Characteristics of Imaging Biomarkers for Quantifying Anterior Cingulate Cortex Changes: A Twin Study of Middle- to Advanced-Aged Populations in East Asia.** Medicina (Kaunas). 2022 Dec 16;58(12):1855. doi: 10.3390/medicina58121855.
<https://pubmed.ncbi.nlm.nih.gov/36557058/>
68. Talukdar FR, Escobar Marcillo DI, Laskar RS, Novoloaca A, Cuenin C, Sbraccia P, Nisticò L, Guglielmi V, Gheit T, Tommasino M, Dogliotti E, Fortini P, Herceg Z. **Bariatric surgery-induced weight loss and associated genome-wide DNA-methylation alterations in obese individuals.** Clin Epigenetics. 2022 Dec 18;14(1):176. doi: 10.1186/s13148-022-01401-9.
<https://pubmed.ncbi.nlm.nih.gov/36528638/>



-
69. Tang HR, Dai CY, Li J, Dai YM, Ru T, Li YL, Xiao X, Fan ZT, Hu YL, Zheng MM. **Fetoscopy-guided bipolar cord coagulation in selective fetal reduction with complicated monochorionic diamniotic twins: a prospective cohort study.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7744-7747. doi: 10.1080/14767058.2021.1961725. Epub 2021 Sep 1.
<https://pubmed.ncbi.nlm.nih.gov/34470129/>
70. Tang W, Zou L. **Trends and characteristics of multiple births in Baoan Shenzhen: A retrospective study over a decade.** Front Public Health. 2022 Dec 13;10:1025867. doi: 10.3389/fpubh.2022.1025867. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/36582383/>
71. Toshida K, Toshima T, Harada N, Nakayama Y, Tomiyama T, Morinaga A, Kosai-Fujimoto Y, Tomino T, Kurihara T, Nagao Y, Morita K, Itoh S, Yoshizumi T. **Autoimmune Hepatitis in an Immunosuppression-Free Patient Who Underwent Living Donor Liver Transplantation From an Identical Twin: A Case Report.** Transplant Proc. 2022 Dec;54(10):2791-2793. doi: 10.1016/j.transproceed.2022.09.022. Epub 2022 Nov 14.
<https://pubmed.ncbi.nlm.nih.gov/36396466/>
72. Vieira LA, Kao YH, Tsevdos DS, Lau YK, Wang Z, Li S, Zheutlin AB, Gross SJ, Stone JL, Dolan SM, Schadt EE, Li L. **Late preterm antenatal corticosteroids in singleton and twin gestations: a retrospective cohort study.** BMC Pregnancy Childbirth. 2022 Dec 5;22(1):904. doi: 10.1186/s12884-022-05262-1.
<https://pubmed.ncbi.nlm.nih.gov/36471280/>
73. Waites BT, Walker AR, Caughey AB. **Delivery timing in dichorionic diamniotic twin pregnancies complicated by preeclampsia: a decision analysis.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):9780-9785. doi: 10.1080/14767058.2022.2053103. Epub 2022 Apr 18.
<https://pubmed.ncbi.nlm.nih.gov/35437110/>
74. Ward C, Caughey AB. **Late preterm births: neonatal mortality and morbidity in twins vs. singletons.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7962-7967. doi: 10.1080/14767058.2021.1939303. Epub 2021 Jun 21.
<https://pubmed.ncbi.nlm.nih.gov/34154507/>
75. Williams N, Vella R, Zhou Y, Gao H, Mass K, Townsel C, Campbell W, Luo G. **Investigating the origin of the fetal gut and placenta microbiome in twins.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7025-7035. doi: 10.1080/14767058.2021.1936487. Epub 2021 Jun 15.
<https://pubmed.ncbi.nlm.nih.gov/34130585/>



-
76. Wimmer R, Neumann U, Weber A, Isau M, Renner-Luetzkendorf H, Zschieschang P, Wachter O, Hirv K, Stumm M. **Intersexual Twins due to Tetragametic Chimerism.** Cytogenet Genome Res. 2022 Dec 19. doi: 10.1159/000528737. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36535241/>
77. Wojciechowska-Koszko I, Kwiatkowski P, Roszkowska P, Krasnodębska-Szponder B, Sławiński M, Gabrych A, Giedrys-Kalemba S, Dołęgowska B, Kowalczyk E, Sienkiewicz M. **Genetic Diversity of Candida spp. Isolates Colonizing Twins and Their Family Members.** Pathogens. 2022 Dec 13;11(12):1532. doi: 10.3390/pathogens11121532. <https://pubmed.ncbi.nlm.nih.gov/36558865/>
78. Wu Y, Tian H, Wang W, Li W, Duan H, Zhang D. **DNA methylation and waist-to-hip ratio: an epigenome-wide association study in Chinese monozygotic twins.** J Endocrinol Invest. 2022 Dec;45(12):2365-2376. doi: 10.1007/s40618-022-01878-4. Epub 2022 Jul 26. <https://pubmed.ncbi.nlm.nih.gov/35882828/>
79. Yang J, Hou L, Wang J, Xiao L, Zhang J, Yin N, Yao S, Cheng K, Zhang W, Shi Z, Wang J, Jiang H, Huang N, You Y, Lin M, Shang R, Wei Y, Zhao Y, Zhao F. **Unfavourable intrauterine environment contributes to abnormal gut microbiome and metabolome in twins.** Gut. 2022 Dec;71(12):2451-2462. doi: 10.1136/gutjnl-2021-326482. Epub 2022 Apr 6. <https://pubmed.ncbi.nlm.nih.gov/35387876/>
80. Yilmaz Z, Quattlebaum MJ, Pawar PS, Thornton LM, Bulik CM, Javaras KN, Yao S, Lichtenstein P, Larsson H, Baker JH. **Associations Between Attention Deficit Hyperactivity Disorder Symptom Dimensions and Disordered Eating Symptoms in Adolescence: A Population-Based Twin Study.** Behav Genet. 2022 Dec 9. doi: 10.1007/s10519-022-10128-5. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/36484893/>
81. Zhang A, Stolk TT, Lopriore E, Sun L, Duan T, Oepkes D. **Second-trimester abdominal circumference discordance and adverse perinatal outcomes in monozygotic twins.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7316-7321. doi: 10.1080/14767058.2021.1947227. Epub 2021 Jul 5. <https://pubmed.ncbi.nlm.nih.gov/34219590/>
82. Zhang T, Ji L, Luo J, Wang W, Tian X, Duan H, Xu C, Zhang D. **A genetic correlation and bivariate genome-wide association study of grip strength and depression.** PLoS One. 2022 Dec 15;17(12):e0278392. doi: 10.1371/journal.pone.0278392. eCollection 2022. <https://pubmed.ncbi.nlm.nih.gov/36520780/>



-
83. Zhao G, Murphy KE, Berger H, Shah BR, Halperin I, Barrett J, Melamed N. **The screening performance of glucose challenge test for gestational diabetes in twin pregnancies: a systematic review and meta-analysis.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7590-7600. doi: 10.1080/14767058.2021.1956896. Epub 2021 Jul 29. <https://pubmed.ncbi.nlm.nih.gov/34325609/>
84. Zhuxiao R, Ruoyu H, Liling Y, Xuejun R, Chunhui Y, Wanfen R, Zhifeng C, Yiheng D, Qi Z, Wei W, Zhipeng L, Jingjun P, Qigai Y, Jie Y. **Autologous cord blood mononuclear cell infusion for the prevention of bronchopulmonary dysplasia in very preterm monozygotic twins: A study protocol for a randomized, placebo-controlled, double-blinded multicenter trial.** Front Pediatr. 2022 Dec 9;10:884366. doi: 10.3389/fped.2022.884366. eCollection 2022. <https://pubmed.ncbi.nlm.nih.gov/36568414/>
85. Zigron R, Erlichman I, Rottenstreich M, Yagel S, Rosenbloom JI, Porat S, Rottenstreich A. **Rescue antenatal corticosteroids and neonatal outcomes in twin gestation.** J Matern Fetal Neonatal Med. 2022 Dec;35(25):7337-7343. doi: 10.1080/14767058.2021.1947230. Epub 2021 Jul 5. <https://pubmed.ncbi.nlm.nih.gov/34219579/>