



Twin Research Publications März 2021

1. Abebaw N, Abdu M, Girma N. **Assessments of Birth Outcome of Twin Delivery and Associated Factors among Newborns in Dessie Referral Hospital, Dessie, Ethiopia, 2019.** *Obstet Gynecol Int.* 2021 Mar 16;2021:2421843. doi: 10.1155/2021/2421843. eCollection 2021.
<https://pubmed.ncbi.nlm.nih.gov/33815507/>
2. Agrawala S, Patil J, Campbell S, Woodard TL. **A rare case of extensive placenta accreta in twin pregnancy after GnRH agonist treatment of adenomyosis.** *Fertil Res Pract.* 2021 Mar 3;7(1):5. doi: 10.1186/s40738-021-00097-4.
<https://pubmed.ncbi.nlm.nih.gov/33658071/>
3. Angioni MM, Floris A, Cangemi I, Congia M, Chessa E, Orrù S, Piga M, Cauli A. **Gene Expression Profiling of Monozygotic Twins Affected by Psoriatic Arthritis.** *Open Access Rheumatol.* 2021 Mar 4;13:23-29. doi: 10.2147/OARRR.S291391. eCollection 2021.
<https://pubmed.ncbi.nlm.nih.gov/33692638/>
4. Badr DA, Bevilacqua E, Carlin A, Gajewska K, Done E, Cos Sanchez T, Olivier C, Jani JC. **Antenatal management and neonatal outcomes of monochorionic twin pregnancies in a tertiary teaching hospital: a 10-year review.** *J Obstet Gynaecol.* 2021 Mar 6:1-11. doi: 10.1080/01443615.2020.1854698. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33682597/>
5. Barbati A, Aisa MC, Cappuccini B, Zamarra M, Gerli S, Di Renzo GC. **Urinary Cystatin-C, a marker to assess and monitor neonatal kidney maturation and function: validation in twins.** *Pediatr Res.* 2021 Mar;89(4):932-939. doi: 10.1038/s41390-020-0965-8. Epub 2020 May 18.
<https://pubmed.ncbi.nlm.nih.gov/32422644/>
6. Benito Vielba M, De Bonrosto Torralba C, Álvarez Sarrado L, Tajada Duaso M, Campillos Maza JM, Castán Mateo S. **Uterocervical angle at 20 weeks: A promising predictor of spontaneous preterm birth in twin pregnancies.** *Eur J Obstet Gynecol Reprod Biol.* 2021 Mar 20;260:131-136. doi: 10.1016/j.ejogrb.2021.03.025. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33773259/>
7. Berentsen GD, Azzolini F, Skaug HJ, Lie RT, Gjessing HK. **Heritability curves: A local measure of heritability in family models.** *Stat Med.* 2021 Mar 15;40(6):1357-1382. doi: 10.1002/sim.8845. Epub 2020 Dec 17.
<https://pubmed.ncbi.nlm.nih.gov/33336424/>



8. Bidzan-Bluma I. **Twin-To-Twin Transfusion Syndrome Donor and Recipient and Their Subsequent Cognitive Functioning in Late Childhood as Juvenile Athletes-A Case Study.** Int J Environ Res Public Health. 2021 Mar 4;18(5):2545. doi: 10.3390/ijerph18052545.
<https://pubmed.ncbi.nlm.nih.gov/33806653/>
9. Bodnar LM, Cartus AR, Parisi SM, Abrams B, Himes KP, Eckhardt CL, Braxter B, Hutcheon JA. **Pregnancy weight gain in twin gestations and maternal and child health outcomes at 5 years.** Int J Obes (Lond). 2021 Mar 3. doi: 10.1038/s41366-021-00792-8. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33658683/>
10. Cahn AJ, Little G, Beaulieu C, Tétreault P. **Diffusion properties of the fornix assessed by deterministic tractography shows age, sex, volume, cognitive, hemispheric, and twin relationships in young adults from the Human Connectome Project.** Brain Struct Funct. 2021 Mar;226(2):381-395. doi: 10.1007/s00429-020-02181-9.
<https://pubmed.ncbi.nlm.nih.gov/33386420/>
11. Chitrit Y, Korb D, Morin C, Schmitz T, Oury JF, Sibony O. **Perinatal mortality and morbidity, timing and route of delivery in monoamniotic twin pregnancies: a retrospective cohort study.** Arch Gynecol Obstet. 2021 Mar;303(3):685-693. doi: 10.1007/s00404-020-05782-1. Epub 2020 Sep 9.
<https://pubmed.ncbi.nlm.nih.gov/32902675/>
12. de Vries LP, Baselmans BML, Luykx JJ, de Zeeuw EL, Minică CC, de Geus EJC, Vinkers CH, Bartels M. **Genetic evidence for a large overlap and potential bidirectional causal effects between resilience and well-being.** Neurobiol Stress. 2021 Mar 14;14:100315. doi: 10.1016/j.ynstr.2021.100315. eCollection 2021 May.
<https://pubmed.ncbi.nlm.nih.gov/33816719/>
13. Demir M, Sertel E, Ture MZ. **Twin pregnancy in which both fetuses have Cantrell's pentalogy: A case report and literature review.** Eur J Obstet Gynecol Reprod Biol. 2021 Mar 15;260:64-69. doi: 10.1016/j.ejogrb.2021.03.016. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33743359/>
14. EPPPIC Group. **Evaluating Progestogens for Preventing Preterm birth International Collaborative (EPPPIC): meta-analysis of individual participant data from randomised controlled trials.** Lancet. 2021 Mar 27;397(10280):1183-1194. doi: 10.1016/S0140-6736(21)00217-8.
<https://pubmed.ncbi.nlm.nih.gov/33773630/>



15. Euser S, Vrijhof CI, Van den Bulk BG, Vermeulen R, Bakermans-Kranenburg MJ, van IJzendoorn MH. **Video-feedback promotes sensitive limit-setting in parents of twin preschoolers: a randomized controlled trial.** BMC Psychol. 2021 Mar 19;9(1):46. doi: 10.1186/s40359-021-00548-z.
<https://pubmed.ncbi.nlm.nih.gov/33741044/>
16. Fedorowski A, Pirouzifard M, Sundquist J, Sundquist K, Sutton R, Zöller B. **Risk Factors for Syncope Associated With Multigenerational Relatives With a History of Syncope.** JAMA Netw Open. 2021 Mar 1;4(3):e212521. doi: 10.1001/jamanetworkopen.2021.2521.
<https://pubmed.ncbi.nlm.nih.gov/33783519/>
17. Fessehaye A, Abubeker FA, Daba M. **Locked twins-remote from term: a case report.** J Med Case Rep. 2021 Mar 12;15(1):115. doi: 10.1186/s13256-021-02725-5.
<https://pubmed.ncbi.nlm.nih.gov/33706772/>
18. Ghimire LV, Chou FS, Moon-Grady AJ. **High Birth Prevalence of Congenital Heart Diseases in Conjoined Twins and Higher Order Multiple Births.** Am J Cardiol. 2021 Mar 1;142:159-160. doi: 10.1016/j.amjcard.2020.12.074. Epub 2021 Jan 6.
<https://pubmed.ncbi.nlm.nih.gov/33417878/>
19. Goodin DS, Khankhanian P, Gourraud PA, Vince N. **The nature of genetic and environmental susceptibility to multiple sclerosis.** PLoS One. 2021 Mar 22;16(3):e0246157. doi: 10.1371/journal.pone.0246157. eCollection 2021.
<https://pubmed.ncbi.nlm.nih.gov/33750973/>
20. Gustavson DE, Panizzon MS, Kremen WS, Reynolds CA, Pahlen S, Nygaard M, Wod M, Catts VS, Lee T, Gatz M, Franz CE; IGEMS Consortium. **Genetic and Environmental Influences on Semantic Verbal Fluency Across Midlife and Later Life.** Behav Genet. 2021 Mar;51(2):99-109. doi: 10.1007/s10519-021-10048-w. Epub 2021 Feb 6.
<https://pubmed.ncbi.nlm.nih.gov/33547998/>
21. Halevy T, Nezer M, Halevy J, Ziv-Baran T, Barzilay E, Katorza E. **Twin discordance: a study of volumetric fetal brain MRI and neurodevelopmental outcome.** Eur Radiol. 2021 Mar 16. doi: 10.1007/s00330-021-07773-5. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33723640/>
22. Hall JG. **The mystery of monozygotic twinning II: What can monozygotic twinning tell us about Amyoplasia from a review of the various mechanisms and types of monozygotic twinning?** Am J Med Genet A. 2021 Mar 25. doi: 10.1002/ajmg.a.62177. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33765349/>



-
23. Hall JG. **The mystery of monozygotic twinning I: What can Amyoplasia tell us about monozygotic twinning and the possible role of twin-twin transfusion?.** Am J Med Genet A. 2021 Mar 24. doi: 10.1002/ajmg.a.62172. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33760374/>
24. Hames JL, Gasteiger C, McKenzie MR, Rowley S, Serlachius AS, Juth V, Petrie KJ. **Predictors of parental stress from admission to discharge in the neonatal special care unit.** Child Care Health Dev. 2021 Mar;47(2):243-251. doi: 10.1111/cch.12829. Epub 2020 Nov 18.
<https://pubmed.ncbi.nlm.nih.gov/33171525/>
25. Hana T, Ogiwara H, Migita O, Nakabayashi K, Hata K, Morota N. **Deleterious fibronectin type III-related gene variants may induce a spinal extradural arachnoid cyst: an exome sequencing study of identical twin cases.** Childs Nerv Syst. 2021 Mar 27. doi: 10.1007/s00381-021-05137-4. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33772355/>
26. Haworth S, Esberg A, Kuja-Halkola R, Lundberg P, Magnusson PKE, Johansson I. **Using national register data to estimate the heritability of periodontitis.** J Clin Periodontol. 2021 Mar 21. doi: 10.1111/jcpe.13459. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33745184/>
27. Hernyes A, Piroska M, Fejer B, Szalontai L, Szabo H, Forgo B, Jermendy AL, Molnar AA, Maurovich-Horvat P, Jermendy G, Merkely B, Tarnoki DL, Tarnoki AD. **Overlapping Genetic Background of Coronary Artery and Carotid/Femoral Atherosclerotic Calcification.** Medicina (Kaunas). 2021 Mar 9;57(3):252. doi: 10.3390/medicina57030252.
<https://pubmed.ncbi.nlm.nih.gov/33803199/>
28. Hikida Y, Sumikura H, Okada H, Fujino T, Tanaka M, Sakai Y, Okahara S, Inoue R. **The value of the portable fibrinogen measuring device-a case report of severe postpartum hemorrhage with obstetric disseminated intravascular coagulation.** JA Clin Rep. 2021 Mar 9;7(1):23. doi: 10.1186/s40981-021-00426-y.
<https://pubmed.ncbi.nlm.nih.gov/33687590/>
29. Hu Q, Ma H, Shen J, Zhuang Z, Li J, Huang X, Li X, Li H. **Case Report: A Novel PAX3 Mutation Associated With Waardenburg Syndrome Type 1.** Front Genet. 2021 Mar 4;12:609040. doi: 10.3389/fgene.2021.609040. eCollection 2021.
<https://pubmed.ncbi.nlm.nih.gov/33747040/>



30. Huang MH, Cheng CM, Tsai SJ, Bai YM, Li CT, Lin WC, Su TP, Chen TJ, Chen MH. **Familial coaggregation of major psychiatric disorders among first-degree relatives of patients with obsessive-compulsive disorder: a nationwide study.** Psychol Med. 2021 Mar;51(4):680-687. doi: 10.1017/S0033291719003696. Epub 2020 Jan 7. <https://pubmed.ncbi.nlm.nih.gov/31907096/>
31. Hufer-Thamm A, Riemann R. **On the link of self-esteem, life satisfaction, and Neuroticism.** J Pers. 2021 Mar 6. doi: 10.1111/jopy.12632. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33675547/>
32. Iso-Markku P, Kaprio J, Lindgren N, Rinne JO, Vuoksimaa E. **Middle-age dementia risk scores and old-age cognition: a quasi-experimental population-based twin study with over 20-year follow-up.** J Neurol Neurosurg Psychiatry. 2021 Mar;92(3):323-330. doi: 10.1136/jnnp-2020-324009. Epub 2020 Nov 5. <https://pubmed.ncbi.nlm.nih.gov/33154181/>
33. Ivanov VZ, Mataix-Cols D, Serlachius E, Brander G, Elmquist A, Enander J, Rück C. **The developmental origins of hoarding disorder in adolescence: a longitudinal clinical interview study following an epidemiological survey.** Eur Child Adolesc Psychiatry. 2021 Mar;30(3):415-425. doi: 10.1007/s00787-020-01527-2. Epub 2020 Apr 18. <https://pubmed.ncbi.nlm.nih.gov/32306089/>
34. Jahanfar S, Ho JJ, Jaafar SH, Abraha I, Noura M, Ross CR, Pammi M. **Ultrasound for diagnosis of birth weight discordance in twin pregnancies.** Cochrane Database Syst Rev. 2021 Mar 9;3:CD012553. doi: 10.1002/14651858.CD012553.pub2. <https://pubmed.ncbi.nlm.nih.gov/33686672/>
35. Jiang N, Xu J, Li X, Wang Y, Zhuang L, Qin S. **Negative Parenting Affects Adolescent Internalizing Symptoms Through Alterations in Amygdala-Prefrontal Circuitry: A Longitudinal Twin Study.** Biol Psychiatry. 2021 Mar 15;89(6):560-569. doi: 10.1016/j.biopsych.2020.08.002. Epub 2020 Aug 7. <https://pubmed.ncbi.nlm.nih.gov/33097228/>
36. Kaartinen MT, Arora M, Heinonen S, Hang A, Barry A, Lundbom J, Hakkarainen A, Lundholm N, Rissanen A, Kaprio J, Pietiläinen KH. **F13A1 transglutaminase expression in human adipose tissue increases in acquired excess weight and associates with inflammatory status of adipocytes.** Int J Obes (Lond). 2021 Mar;45(3):577-587. doi: 10.1038/s41366-020-00722-0. Epub 2020 Nov 21. <https://pubmed.ncbi.nlm.nih.gov/33221826/>
37. Kim HJ, Kazmi SZ, Kang T, Sohn SY, Kim DS, Hann HJ, Ahn HS. **Familial Risk of Hashimoto's Thyroiditis Among First-Degree Relatives: A Population-Based Study in Korea.** Thyroid. 2021 Mar 19. doi: 10.1089/thy.2020.0213. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33514269/>



-
38. Kmietowicz Z. **Sixty seconds on . . . twins.** BMJ. 2021 Mar 12;372:n709. doi: 10.1136/bmj.n709.
<https://pubmed.ncbi.nlm.nih.gov/33712486/>
39. Koch L. **Same genomes, but different.** Nat Rev Genet. 2021 Mar;22(3):135. doi: 10.1038/s41576-021-00328-w.
<https://pubmed.ncbi.nlm.nih.gov/33442001/>
40. Konijnenberg E, Tomassen J, den Braber A, Ten Kate M, Yaqub M, Mulder SD, Nivard MG, Vanderstichele H, Lammertsma AA, Teunissen CE, van Berckel BNM, Boomsma DI, Scheltens P, Tijms BM, Visser PJ. **Onset of Preclinical Alzheimer Disease in Monozygotic Twins.** Ann Neurol. 2021 May;89(5):987-1000. doi: 10.1002/ana.26048. Epub 2021 Mar 4.
<https://pubmed.ncbi.nlm.nih.gov/33583080/>
41. Kyei Barffour I, Kyei Baah Kwarkoh R. **GREB1L as a candidate gene of Mayer-Rokitansky-Küster-Hauser Syndrome.** Eur J Med Genet. 2021 Mar;64(3):104158. doi: 10.1016/j.ejmg.2021.104158. Epub 2021 Feb 4.
<https://pubmed.ncbi.nlm.nih.gov/33548512/>
42. Langenbucher A, Bowen D, Sakhtemani R, Bournique E, Wise JF, Zou L, Bhagwat AS, Buisson R, Lawrence MS. **An extended APOE3A mutation signature in cancer.** Nat Commun. 2021 Mar 11;12(1):1602. doi: 10.1038/s41467-021-21891-0.
<https://pubmed.ncbi.nlm.nih.gov/33707442/>
43. Lazzeroni D, Concarì P, Moderato L. **Correction: Simultaneous COVID-19 in Monozygotic Twins.** Ann Intern Med. 2021 Mar;174(3):436. doi: 10.7326/L21-0013. Epub 2021 Feb 2.
<https://pubmed.ncbi.nlm.nih.gov/33524295/>
44. Lewkowitz AK, López JD, Keller M, Rosenbloom JI, Macones GA, Olsen MA, Cahill AG. **Association between delivering live-born twins and acute psychiatric illness within 1 year of delivery.** Am J Obstet Gynecol. 2021 Mar;224(3):302.e1-302.e23. doi: 10.1016/j.ajog.2020.09.005. Epub 2020 Sep 12.
<https://pubmed.ncbi.nlm.nih.gov/32926857/>
45. Li Y, Jia C, Lin X, Lin L, Li L, Fan X, Huang X, Xu Z, Wang H, Wu F, Liu G. **The Diversity of the Intestinal Flora Disturbed After Feeding Intolerance Recovery in Preterm Twins.** Front Pediatr. 2021 Mar 10;9:648979. doi: 10.3389/fped.2021.648979. eCollection 2021.
<https://pubmed.ncbi.nlm.nih.gov/33791261/>



-
46. Liao C, Gao W, Cao W, Lv J, Yu C, Wang S, Pang Z, Cong L, Wang H, Wu X, Li L. **Associations of Metabolic/Obesity Phenotypes with Insulin Resistance and C-Reactive Protein: Results from the CNTR Study.** Diabetes Metab Syndr Obes. 2021 Mar 15;14:1141-1151. doi: 10.2147/DMSO.S298499. eCollection 2021. <https://pubmed.ncbi.nlm.nih.gov/33758523/>
47. Liu N, Hu Q, Liao H, Wang X, Yu H. **Vasa previa: Perinatal outcomes in singleton and multiple pregnancies.** Biosci Trends. 2021 Mar 21. doi: 10.5582/bst.2021.01052. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33746156/>
48. Lohynska R, Jirkovska M, Novakova-Jiresova A, Mazana E, Vambersky K, Veselsky T, Kindlova A, Stankusova H, Malinova B. **Radiotherapy dose limit for uterus fertility sparing in curative chemoradiotherapy for rectal cancer.** Biomed Pap Med Fac Univ Palacky Olomouc Czech Repub. 2021 Mar;165(1):99-101. doi: 10.5507/bp.2020.039. Epub 2020 Sep 21. <https://pubmed.ncbi.nlm.nih.gov/32975243/>
49. Magnusson K, Turkiewicz A, Snoeker B, Hughes V, Englund M. **The heritability of doctor-diagnosed traumatic and degenerative meniscus tears.** Osteoarthritis Cartilage. 2021 Mar 17:S1063-4584(21)00635-X. doi: 10.1016/j.joca.2021.03.005. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33744431/>
50. Matsumoto N, Park J, Tomizawa R, Kawashima H, Hosomi K, Mizuguchi K, Honda C, Ozaki R, Iwatani Y, Watanabe M, Kunisawa J. **Relationship between Nutrient Intake and Human Gut Microbiota in Monozygotic Twins.** Medicina (Kaunas). 2021 Mar 16;57(3):275. doi: 10.3390/medicina57030275. <https://pubmed.ncbi.nlm.nih.gov/33809761/>
51. McGregor T, Purves KL, Constantinou E, Baas JMP, Barry TJ, Carr E, Craske MG, Lester KJ, Palaiologou E, Breen G, Young KS, Eley TC. **Large-scale remote fear conditioning: Demonstration of associations with anxiety using the FLARe smartphone app.** Depress Anxiety. 2021 Mar 19. doi: 10.1002/da.23146. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33739564/>
52. Menardi A, Reineberg AE, Vallesi A, Friedman NP, Banich MT, Santarnecchi E. **Heritability of brain resilience to perturbation in humans.** Neuroimage. 2021 Mar 29;235:118013. doi: 10.1016/j.neuroimage.2021.118013. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33794357/>



-
53. Miadich SA, Breitenstein RS, Davis MC, Doane LD, Lemery-Chalfant K. **Pediatric recurring pain in the community: the role of children's sleep and internalizing symptoms.** J Behav Med. 2021 Mar 15. doi: 10.1007/s10865-021-00209-x. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33723674/>
54. Mon A, Yip J, Zalud I, Thompson KS. **Monochorionic Triplet Pregnancies With Twin Reversed Arterial Perfusion and Acardiac Triplet: Report of Two Cases and Literature Review.** Pediatr Dev Pathol. 2021 Mar-Apr;24(2):142-147. doi: 10.1177/1093526620984143. Epub 2021 Jan 13.
<https://pubmed.ncbi.nlm.nih.gov/33439111/>
55. Monden C, Pison G, Smits J. **Twin Peaks: more twinning in humans than ever before.** Hum Reprod. 2021 Mar 12:deab029. doi: 10.1093/humrep/deab029. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33709110/>
56. Mosimann B, Amylidi-Mohr S, Surbek DV, Raio L. **Double inferior vena cava in a monochorionic twin pregnancy with selective fetal growth restriction.** BMJ Case Rep. 2021 Mar 10;14(3):e240379. doi: 10.1136/bcr-2020-240379.
<https://pubmed.ncbi.nlm.nih.gov/33692063/>
57. Orozco-Quinga X, González-Andrade F. **Maternal and Perinatal Factors Associated With Twin Pregnancies in Ecuador.** Twin Res Hum Genet. 2021 Mar 23:1-7. doi: 10.1017/thg.2021.12. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33752776/>
58. Ou X, Bai Z. **A case of heteropaternal superfecundation identified by microhap sequencing of maternal plasma cell-free DNA: A case of HS identified by microhap sequencing.** Forensic Sci Int Genet. 2021 Mar;51:102458. doi: 10.1016/j.fsigen.2020.102458. Epub 2020 Dec 26.
<https://pubmed.ncbi.nlm.nih.gov/33373912/>
59. Ozturk S, Pinar E, Ketrez FN, Özçalışkan Ş. **Effect of sex and dyad composition on speech and gesture development of singleton and twin children.** J Child Lang. 2021 Mar 25:1-19. doi: 10.1017/S0305000920000744. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33764287/>
60. Papadopoulou M, Karavasilis E, Christidi F, Argyropoulos GD, Skitsa I, Makrydakis G, Efsthathopoulos E, Zambelis T, Karandreas N. **Multimodal Neurophysiological and Neuroimaging Evidence of Genetic Influence on Motor Control: A Case Report of Monozygotic Twins.** Cogn Behav Neurol. 2021 Mar 3;34(1):53-62. doi: 10.1097/WNN.0000000000000262.
<https://pubmed.ncbi.nlm.nih.gov/33652469/>



-
61. Patterson TG, Carvalho-E-Silva AP, Aquino D, Ferreira M, Ferreira P. **Factors associated with care-seeking for low back pain when genetics and the familial environment are considered.** *Musculoskelet Sci Pract.* 2021 Mar 13;53:102365. doi: 10.1016/j.msksp.2021.102365. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33765632/>
62. Piroska M, Tarnoki DL, Szabo H, Jokkel Z, Meszaros S, Horvath C, Tarnoki AD. **Strong Genetic Effects on Bone Mineral Density in Multiple Locations with Two Different Techniques: Results from a Cross-Sectional Twin Study.** *Medicina (Kaunas).* 2021 Mar 8;57(3):248. doi: 10.3390/medicina57030248.
<https://pubmed.ncbi.nlm.nih.gov/33800136/>
63. Podobnik U, Peternel V, Selan J. **Drawing development of identical and non-identical twins: A case study of triplets.** *Heliyon.* 2021 Mar 16;7(3):e06431. doi: 10.1016/j.heliyon.2021.e06431. eCollection 2021 Mar.
<https://pubmed.ncbi.nlm.nih.gov/33768171/>
64. Rahimi-Sharbat F, Ghaemi M, Nassr AA, Shamshirsaz AA, Shirazi M. **Radiofrequency ablation for selective fetal reduction in complicated Monochorionic twins; comparing the outcomes according to the indications.** *BMC Pregnancy Childbirth.* 2021 Mar 6;21(1):189. doi: 10.1186/s12884-021-03656-1.
<https://pubmed.ncbi.nlm.nih.gov/33676436/>
65. Repetti GG, Kim Y, Pereira AC, Ingles J, Russell MW, Lakdawala NK, Ho CY, Day S, Semsarian C, McDonough B, DePalma SR, Quiat D, Green EM, Seidman CE, Seidman JG. **Discordant clinical features of identical hypertrophic cardiomyopathy twins.** *Proc Natl Acad Sci U S A.* 2021 Mar 9;118(10):e2021717118. doi: 10.1073/pnas.2021717118.
<https://pubmed.ncbi.nlm.nih.gov/33658374/>
66. Rimfeld K, Malanchini M, Allegrini AG, Packer AE, McMillan A, Ogden R, Webster L, Shakeshaft NG, Schofield KL, Pingault JB, Stringaris A, von Stumm S, Plomin R. **Genetic Correlates of Psychological Responses to the COVID-19 Crisis in Young Adult Twins in Great Britain.** *Behav Genet.* 2021 Mar;51(2):110-124. doi: 10.1007/s10519-021-10050-2. Epub 2021 Feb 24.
<https://pubmed.ncbi.nlm.nih.gov/33624124/>
67. Ryu BH, Baek EH, Kim DH, Kim SE, Kim HJ, Cho OH, Hong SI, Do HJ, Park CH. **Preterm Twins Born to a Mother with Miliary Tuberculosis: Importance of Early Recognition and Prompt Response in Infection Control to Manage Congenital Tuberculosis Exposure in a Neonatal Intensive Care Unit.** *Jpn J Infect Dis.* 2021 Mar 24;74(2):97-101. doi: 10.7883/yoken.JJID.2020.183. Epub 2020 Aug 1.
<https://pubmed.ncbi.nlm.nih.gov/32741929/>



-
68. Sahu PK, Singh G, Gupta DK, Mahapatra AK, Kale SS. **Pre- and Postoperative Rehabilitation of Craniopagus Conjoined Twins: A Case Report.** Phys Occup Ther Pediatr. 2021 Mar 22;1-18. doi: 10.1080/01942638.2021.1899100. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33745416/>
69. Sawyers C, Sheerin C, Eastman M, Burchett J, Howell P, Neigh G, Amstadter AB, Hettrema J, Roberson-Nay R. **Genetic and environmental influences on cortisol reactivity to a psychosocial stressor in adolescents and young adults.** Psychoneuroendocrinology. 2021 May;127:105195. doi: 10.1016/j.psyneuen.2021.105195. Epub 2021 Mar 8. <https://pubmed.ncbi.nlm.nih.gov/33714784/>
70. Segal NL, Niculae FJ, Becker EN, Shih EY. **Reared-apart/reared-together Chinese twins and virtual twins: Evolving research program and general intelligence findings.** J Exp Child Psychol. 2021 Jul;207:105106. doi: 10.1016/j.jecp.2021.105106. <https://pubmed.ncbi.nlm.nih.gov/33743413/>
71. Segal NL. **Do Males Affect Twinning Events? A Review of Current Findings/Twin Research Reviews: Monozygotic Twins Discordant for Parkinson's Disease; Fetal Loss in Twin Pregnancies Following Prenatal Diagnosis; Uterine Rupture and Repair in an Early Twin Pregnancy;.** Twin Res Hum Genet. 2021 Mar 19;1-5. doi: 10.1017/thg.2021.8. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33736741/>
72. Shah AS, Black ED, Simon DM, Gambello MJ, Garber KB, Iannucci GJ, Riedesel EL, Kasi AS. **Heterogeneous Pulmonary Phenotypes in Filamin A Mutation-Related Lung Disease.** Pediatr Allergy Immunol Pulmonol. 2021 Mar;34(1):7-14. doi: 10.1089/ped.2020.1280. <https://pubmed.ncbi.nlm.nih.gov/33734874/>
73. Shea SK, Likins BJ, Boan AD, Newman RB, Finneran MM. **DICHORIONIC TWIN-SPECIFIC VERSUS SINGLETON GROWTH REFERENCES FOR DIAGNOSIS OF FETAL GROWTH RESTRICTION.** Am J Obstet Gynecol. 2021 Mar 23:S0002-9378(21)00186-1. doi: 10.1016/j.ajog.2021.03.022. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/33771495/>
74. Shelton L, Roper D, Williams M, Delanty J. **Kawasaki shock syndrome in monozygotic twins.** J Paediatr Child Health. 2021 Mar 25. doi: 10.1111/jpc.15454. <https://pubmed.ncbi.nlm.nih.gov/33768591/>
75. Silver IA, Nedelec JL, Segal NL, Lonergan H. **Heteropaternal Siblings Misclassified as Dizygotic Twins: A Potential Biasing Factor for Heritability Estimates?.** Behav Genet. 2021 Mar;51(2):137-143. doi: 10.1007/s10519-020-10039-3. Epub 2021 Jan 5. <https://pubmed.ncbi.nlm.nih.gov/33400062/>



-
76. Simpson S, Kaislasuo J, Peng G, Aldo P, Paidas M, Guller S, Mor G, Pal L. **Peri-implantation cytokine profile differs between singleton and twin IVF pregnancies.** Am J Reprod Immunol. 2021 Mar;85(3):e13348. doi: 10.1111/aji.13348.
<https://pubmed.ncbi.nlm.nih.gov/32946159/>
77. Skoglund C, Tiger A, Rück C, Petrovic P, Asherson P, Hellner C, Mataix-Cols D, Kuja-Halkola R. **Familial risk and heritability of diagnosed borderline personality disorder: a register study of the Swedish population.** Mol Psychiatry. 2021 Mar;26(3):999-1008. doi: 10.1038/s41380-019-0442-0. Epub 2019 Jun 3.
<https://pubmed.ncbi.nlm.nih.gov/31160693/>
78. Skov J, Calissendorff J, Eriksson D, Magnusson P, Kämpe O, Bensing S, Kuja-Halkola R. **Limited Genetic Overlap Between Overt Hashimoto's Thyroiditis and Graves' Disease in Twins: A Population-based Study.** J Clin Endocrinol Metab. 2021 Mar 25;106(4):1101-1110. doi: 10.1210/clinem/dgaa956.
<https://pubmed.ncbi.nlm.nih.gov/33382429/>
79. Smedler E, Kleppe J, Neufeld J, Lundin K, Bölte S, Landén M. **Cerebrospinal fluid and serum protein markers in autism: A co-twin study.** J Neurochem. 2021 Mar 6. doi: 10.1111/jnc.15338. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33675537/>
80. Sobral-Leite M, da Silva JL, Pimenta-Inada HK, Mendes Boisson AS, Romeiro PA, Soares Parago FM, Valadão da Silva MVM, de Melo AC. **Gastrointestinal Stromal Tumor in Monozygotic Twins Shows Distinct Mutational Status: A Case Report.** Am J Case Rep. 2021 Mar 6;22:e929887. doi: 10.12659/AJCR.929887.
<https://pubmed.ncbi.nlm.nih.gov/33674549/>
81. Song L, Yu B, Yang Y, Liang J, Zhang Y, Ding L, Wang T, Wan X, Yang X, Tang J, Wang S, Li B, Li Y, Feng H. **Identification of functional cooperative mutations of GNAO1 in human acute lymphoblastic leukemia.** Blood. 2021 Mar 4;137(9):1181-1191. doi: 10.1182/blood.2020005622.
<https://pubmed.ncbi.nlm.nih.gov/32898863/>
82. Svendsen AJ, Westergaard MCW, Draborg AH, Holst R, Kyvik KO, Jakobsen MA, Junker P, Houen G. **Altered Antibody Response to Epstein-Barr Virus in Patients With Rheumatoid Arthritis and Healthy Subjects Predisposed to the Disease. A Twin Study.** Front Immunol. 2021 Mar 11;12:650713. doi: 10.3389/fimmu.2021.650713.
<https://pubmed.ncbi.nlm.nih.gov/33777048/>
83. Torvik FA, Flatø M, McAdams TA, Colman I, Silventoinen K, Stoltenberg C. **Early Puberty Is Associated With Higher Academic Achievement in Boys and Girls and Partially Explains Academic Sex Differences.** J Adolesc Health. 2021 Mar 22:S1054-139X(21)00068-9. doi: 10.1016/j.jadohealth.2021.02.001.
<https://pubmed.ncbi.nlm.nih.gov/33795203/>



-
84. Trombetta A, Comar M, Tommasini A, Canton M, Campisciano G, Zanotta N, Cason C, Maso G, Risso FM. **SARS-CoV-2 Infection and Inflammatory Response in a Twin Pregnancy.** Int J Environ Res Public Health. 2021 Mar 17;18(6):3075. doi: 10.3390/ijerph18063075.
<https://pubmed.ncbi.nlm.nih.gov/33802696/>
85. Varghaei P, Yoon G, Estiar MA, Veyron S, Leveille E, Dupré N, Trempe JF, Rouleau GA, Gan-Or Z. **GCH1 mutations in hereditary spastic paraplegia.** Clin Genet. 2021 Mar 13. doi: 10.1111/cge.13955. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33713342/>
86. Vinberg M, Wium-Andersen MK, Wium-Andersen IK, Jørgensen MB, Christensen K, Osler M. **Intrauterine testosterone exposure and depression risk in opposite-sex and same-sex twins, a Danish register study.** Psychol Med. 2021 Mar 16:1-6. doi: 10.1017/S003329172100057X. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33722322/>
87. Wan Y, Cheng Y, Liu Y, Shen L, Hou J. **Screening and identification of a novel FHL2 mutation by whole exome sequencing in twins with familial Waldenström macroglobulinemia.** Cancer. 2021 Mar 25. doi: 10.1002/cncr.33454.
<https://pubmed.ncbi.nlm.nih.gov/33764527/>
- 88.
89. Wang XJ, Li LY, Yuan PB, Wang Y, Zhao YY, Wei Y. **[Effect of placental vascular distribution on residual anastomoses after fetoscopic laser surgery for twin to twin transfusion syndrome].** Zhonghua Fu Chan Ke Za Zhi. 2021 Mar 25;56(3):171-177. doi: 10.3760/cma.j.cn112141-20200903-00689.
<https://pubmed.ncbi.nlm.nih.gov/33874711/>
90. Yang J, Shang X, Liu F, Wang Q, Liu C, Sun Y, Li G. **[Analysis of pathogenic variants in a Chinese pedigree affected with hyaline fibromatosis syndrome].** Zhonghua Yi Xue Yi Chuan Xue Za Zhi. 2021 Mar 10;38(3):232-237. doi: 10.3760/cma.j.cn511374-20200625-00472.
<https://pubmed.ncbi.nlm.nih.gov/33751531/>
91. Yang R, Xu H, Pedersen NL, Li X, Yu J, Bao C, Qi X, Xu W. **A healthy lifestyle mitigates the risk of heart disease related to type 2 diabetes: a prospective nested case-control study in a nationwide Swedish twin cohort.** Diabetologia. 2021 Mar;64(3):530-539. doi: 10.1007/s00125-020-05324-z. Epub 2020 Nov 10.
<https://pubmed.ncbi.nlm.nih.gov/33169206/>
92. Yang W, Li X, Pan KY, Yang R, Song R, Qi X, Pedersen NL, Xu W. **Association of life-course depression with the risk of dementia in late life: A nationwide twin study.** Alzheimers Dement. 2021 Mar 3. doi: 10.1002/alz.12303. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33656267/>



-
93. Yang Y, Wen L, Han TL, Zhang L, Fu H, Gan J, Saffery R, Tong C, Li J, Qi H, Baker PN, Kilby MD. **Twin-twin transfusion syndrome is associated with alterations in the metabolic profile of maternal plasma in early gestation: a pilot study.** *Prenat Diagn.* 2021 Mar 15. doi: 10.1002/pd.5933. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33720417/>
94. Yang YD, Li DZ. **Sonographic detection of monochorionic monozygotic twins discordant for sex: Implications for prenatal genetic counseling.** *Eur J Obstet Gynecol Reprod Biol.* 2021 Mar 10:S0301-2115(21)00114-7. doi: 10.1016/j.ejogrb.2021.03.004. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33722426/>
95. Yi J, Wu X. **Twin reversed arterial perfusion sequence: A case report.** *Int J Gynaecol Obstet.* 2021 Mar;152(3):450-451. doi: 10.1002/ijgo.13369. Epub 2020 Sep 22.
<https://pubmed.ncbi.nlm.nih.gov/32892359/>
96. Yu D, Wu HY, Zhang ZP, Chi WD, Liu KK, Liu M, Wang MQ, Song JJ. **First observation of conjoined twins in *Oryzias melastigma*.** *J Fish Dis.* 2021 Mar 25. doi: 10.1111/jfd.13365. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/33764499/>
97. Zaami S, Masselli G, Brunelli R, Taschini G, Caprasecca S, Marinelli E. **Twin-to-Twin Transfusion Syndrome: Diagnostic Imaging and Its Role in Staving Off Malpractice Charges and Litigation.** *Diagnostics (Basel).* 2021 Mar 4;11(3):445. doi: 10.3390/diagnostics11030445.
<https://pubmed.ncbi.nlm.nih.gov/33806678/>
98. Zanetti M, Clavenna A, Pandolfini C, Pansieri C, Calati MG, Cartabia M, Miglio D, Bonati M. **Informatics Methodology Used in the Web-Based Portal of the NASCITA Cohort Study: Development and Implementation Study.** *J Med Internet Res.* 2021 Mar 12;23(3):e23087. doi: 10.2196/23087.
<https://pubmed.ncbi.nlm.nih.gov/33709930/>
99. Zhang YM, Shao SM, Zhang XR, Liu J, Zeng CM. **[Perinatal conditions of late preterm twins versus early term twins].** *Zhongguo Dang Dai Er Ke Za Zhi.* 2021 Mar;23(3):242-247. doi: 10.7499/j.issn.1008-8830.2011126.
<https://pubmed.ncbi.nlm.nih.gov/33691916/>