



Twin Research Publications February 2022

1. Aisa MC, Barbati A, Gerli S, Clerici G, Nikolova N, Giardina I, Babucci G, De Rosa F, Cappuccini B. **Brain 3D-echographic early predictors of neuro-behavioral disorders in infants: a prospective observational study.** J Matern Fetal Neonatal Med. 2022 Feb;35(4):642-650. doi: 10.1080/14767058.2020.1730323. Epub 2020 Mar 5.
<https://pubmed.ncbi.nlm.nih.gov/32138566/>
2. Al-Ammouri I, Karasneh S, Samara D, Al-Theiabat M, Khriesat WM. **Angioplasty of Native Coarctation in a Very Low Birth Weight, Donor of Twin-Twin Transfusion Infant.** Pediatr Cardiol. 2022 Feb;43(2):467-469. doi: 10.1007/s00246-021-02752-5. Epub 2021 Oct 16.
<https://pubmed.ncbi.nlm.nih.gov/34655297/>
3. Alrumayyan N, Slauenwhite D, McAlpine SM, Roberts S, Issekutz TB, Huber AM, Liu Z, Derfalvi B. **Prolidase deficiency, a rare inborn error of immunity, clinical phenotypes, immunological features, and proposed treatments in twins.** Allergy Asthma Clin Immunol. 2022 Feb 23;18(1):17. doi: 10.1186/s13223-022-00658-2.
<https://pubmed.ncbi.nlm.nih.gov/35197125/>
4. Arnett AB, McGrath LM, Flaherty BP, Pennington BF, Willcutt EG. **Heritability and Clinical Characteristics of Neuropsychological Profiles in Youth With and Without Elevated ADHD Symptoms.** J Atten Disord. 2022 Feb 1:10870547221075842. doi: 10.1177/10870547221075842. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35102766/>
5. Arruda LCM, Gaballa A, Da Silva Rodrigues R, Makower B, Uhlin M. **SARS-CoV-2 (COVID-19)-specific T-cell and B-cell responses in convalescent rheumatoid arthritis: monozygotic twins pair case observation.** Scand J Immunol. 2022 Feb 25:e13151. doi: 10.1111/sji.13151. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35212005/>
6. Badar SA, Breman AM, Christensen CK, Graham BH, Golomb MR. **Girl-Boy Twins with Developmental Delay from 16p11.2 Triplication due to Biparental Inheritance from Two Parents with 16p11.2 Duplication.** Cytogenet Genome Res. 2022 Feb 9:1-6. doi: 10.1159/000521297. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35139523/>
7. Beam CR, Pezzoli P, Mendle J, Burt SA, Neale MC, Boker SM, Keel PK, Klump KL. **How nonshared environmental factors come to correlate with heredity.** Dev Psychopathol. 2022 Feb;34(1):321-333. doi: 10.1017/S0954579420001017. Epub 2020 Oct 29.
<https://pubmed.ncbi.nlm.nih.gov/33118912/>



8. Beksac MS, Korkmaz A, Kasapoglu T, Ozdemir P, Cosgun E, Tanacan A. **Antenatal corticosteroids for women at risk of preterm delivery: the "Emperor's New Clothes" tale in medical practice.** J Matern Fetal Neonatal Med. 2022 Feb;35(4):705-712. doi: 10.1080/14767058.2020.1731455. Epub 2020 Feb 24.
<https://pubmed.ncbi.nlm.nih.gov/32093542/>
9. Bignardi G, Chamberlain R, Kevenaer ST, Tamimy Z, Boomsma DI. **On the etiology of aesthetic chills: a behavioral genetic study.** Sci Rep. 2022 Feb 28;12(1):3247. doi: 10.1038/s41598-022-07161-z.
<https://pubmed.ncbi.nlm.nih.gov/35228562/>
10. Boehme C, Fruitman D, Eckersley L, Low R, Bennett J, McBrien A, Alvarez S, Pastuck M, Hornberger LK. **The Diagnostic Yield of Fetal Echocardiography Indications in the Current Era.** J Am Soc Echocardiogr. 2022 Feb;35(2):217-227.e1. doi: 10.1016/j.echo.2021.09.005. Epub 2021 Sep 13.
<https://pubmed.ncbi.nlm.nih.gov/34530071/>
11. Brew BK, Almqvist C, Lundholm C, Andreasson A, Lehto K, Talley NJ, Gong T. **Comorbidity of atopic diseases and gastro-oesophageal reflux evidence of a shared cause.** Clin Exp Allergy. 2022 Feb 7. doi: 10.1111/cea.14106. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35132702/>
12. Buca D, Di Mascio D, Khalil A, Acharya G, Van Mieghem T, Hack K, Murata M, Anselem O, D'Amico A, Muzii L, Liberati M, Nappi L, D'Antonio F. **Neonatal Morbidity of Monoamniotic Twin Pregnancies: A Systematic Review and Meta-analysis.** Am J Perinatol. 2022 Feb;39(3):243-251. doi: 10.1055/s-0040-1714420. Epub 2020 Jul 28.
<https://pubmed.ncbi.nlm.nih.gov/32722824/>
13. Carroll SL, Klump KL, Burt SA. **Understanding the effects of neighborhood disadvantage on youth psychopathology.** Psychol Med. 2022 Feb 16:1-11. doi: 10.1017/S0033291721005080. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35168691/>
14. Chang CC, Cox DTC, Fan Q, Nghiem TPL, Tan CLY, Oh RRY, Lin BB, Shanahan DF, Fuller RA, Gaston KJ, Carrasco LR. **People's desire to be in nature and how they experience it are partially heritable.** PLoS Biol. 2022 Feb 3;20(2):e3001500. doi: 10.1371/journal.pbio.3001500. eCollection 2022 Feb.
<https://pubmed.ncbi.nlm.nih.gov/35113853/>
15. Chen Y, Ide JS, Li CS, Chaudhary S, Le TM, Wang W, Zhornitsky S, Zhang S, Li CR. **Gray matter volumetric correlates of dimensional impulsivity traits in children: Sex differences and heritability.** Hum Brain Mapp. 2022 Feb 25. doi: 10.1002/hbm.25810.
<https://pubmed.ncbi.nlm.nih.gov/35212098/>



16. Chimenea A, García-Díaz L, Antiñolo G. **Mode of delivery, perinatal outcome and neurodevelopment in uncomplicated monochorionic diamniotic twins: a single-center retrospective cohort study.** BMC Pregnancy Childbirth. 2022 Feb 1;22(1):89. doi: 10.1186/s12884-022-04425-4.
<https://pubmed.ncbi.nlm.nih.gov/35105319/>
17. Corsi DJ, Gaudet LM, El-Chaar D, White RR, Rybak N, Harvey A, Muldoon K, Wen SW, Walker M. **Effect of high-dose folic acid supplementation on the prevention of preeclampsia in twin pregnancy.** J Matern Fetal Neonatal Med. 2022 Feb;35(3):503-508. doi: 10.1080/14767058.2020.1725882. Epub 2020 Feb 18.
<https://pubmed.ncbi.nlm.nih.gov/32067533/>
18. Cramer A, Barfod KW, Hölmich P, Pedersen DA, Christensen K. **Genetic contribution to the etiology of Achilles tendon rupture. A Danish nationwide register study of twins.** Foot Ankle Surg. 2022 Feb 25:S1268-7731(22)00046-7. doi: 10.1016/j.fas.2022.02.015. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35227591/>
19. de Castro MV, Santos KS, Apostolico JS, Fernandes ER, Almeida RR, Levin G, Magawa JY, Nunes JPS, Bruni M, Yamamoto MM, Lima AC, Silva MVR, Matos LRB, Coria VR, Castelli EC, Scliar MO, Kuramoto A, Bruno FR, Jacintho LC, Nunes K, Wang JYT, Coelho VP, Neto MN, et al. **Recurrence of COVID-19 associated with reduced T-cell responses in a monozygotic twin pair.** Open Biol. 2022 Feb;12(2):210240. doi: 10.1098/rsob.210240. Epub 2022 Feb 2.
<https://pubmed.ncbi.nlm.nih.gov/35104433/>
20. Distler JHW, O'Reilly S. **Epigenetic profiling of twins identify repression of KLF4 as a novel pathomechanism in systemic sclerosis.** Ann Rheum Dis. 2022 Feb;81(2):151-152. doi: 10.1136/annrheumdis-2021-221605. Epub 2021 Nov 29.
<https://pubmed.ncbi.nlm.nih.gov/34844928/>
21. Fu L, Li C, Li Y, Cheng X, Cui X, Jiang J, Ding N, Fang H, Tang T, Ke X. **Heritability of abnormalities in limbic networks of autism spectrum disorder children: Evidence from an autism spectrum disorder twin study.** Autism Res. 2022 Feb 24. doi: 10.1002/aur.2686. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35212461/>
22. Gibelli DM, Cappella A, Dolci C, Rosati R, Bedoni M, Sforza C. **A Longitudinal 3D Investigation on Facial Similarity among Two Monozygotic Twins in Their First Childhood: An Application of the 3D-3D Facial Superimposition Technique.** Children (Basel). 2022 Feb 2;9(2):187. doi: 10.3390/children9020187.
<https://pubmed.ncbi.nlm.nih.gov/35204908/>



-
23. Gomez NG, Monson MA, Chon AH, Korst LM, Llanes A, Chmait RH. **Outcomes of laser surgery for stage I twin-twin transfusion syndrome.** Prenat Diagn. 2022 Feb;42(2):172-179. doi: 10.1002/pd.6094. Epub 2022 Jan 20.
<https://pubmed.ncbi.nlm.nih.gov/35032038/>
24. Grøndahl ML, Tharin JE, Maroun LL, Stener Jørgensen F. **Conjoined twins after single blastocyst transfer: a case report including detailed time-lapse recording of the earliest embryogenesis, from zygote to expanded blastocyst.** Hum Reprod. 2022 Feb 4;deac004. doi: 10.1093/humrep/deac004. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35134933/>
25. Gumina S, Villani C, Carbone S, Venditto T, Candela V. **Glenoid version: the role of genetic and environmental factors on its variability. An MRI study on asymptomatic elderly twins.** Shoulder Elbow. 2022 Feb;14(1):55-59. doi: 10.1177/1758573220947027. Epub 2020 Aug 10.
<https://pubmed.ncbi.nlm.nih.gov/35154403/>
26. Hinckley JD, Saba L, Raymond K, Bartels K, Klawitter J, Christians U, Hopfer C. **An Approach to Biomarker Discovery of Cannabis Use Utilizing Proteomic, Metabolomic, and Lipidomic Analyses.** Cannabis Cannabinoid Res. 2022 Feb;7(1):65-77. doi: 10.1089/can.2020.0002. Epub 2020 Jun 19.
<https://pubmed.ncbi.nlm.nih.gov/33998853/>
27. Hosang GM, Martin J, Karlsson R, Lundström S, Larsson H, Ronald A, Lichtenstein P, Taylor MJ. **Association of Etiological Factors for Hypomanic Symptoms, Bipolar Disorder, and Other Severe Mental Illnesses.** JAMA Psychiatry. 2022 Feb 1;79(2):143-150. doi: 10.1001/jamapsychiatry.2021.3654.
<https://pubmed.ncbi.nlm.nih.gov/34910090/>
28. Ingelfinger F, Gerdes LA, Kavaka V, Krishnarajah S, Friebel E, Galli E, Zwicky P, Furrer R, Peukert C, Dutertre CA, Eglseer KM, Ginhoux F, Flierl-Hecht A, Kämpfel T, De Feo D, Schreiner B, Mundt S, Kerschensteiner M, Hohlfeld R, Beltrán E, Becher B. **Twin study reveals non-heritable immune perturbations in multiple sclerosis.** Nature. 2022 Feb 16. doi: 10.1038/s41586-022-04419-4. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35173329/>
29. Isaksson J, Ruchkin V, Aho N, Lundin Remnélius K, Marschik PB, Bölte S. **Nonshared environmental factors in the aetiology of autism and other neurodevelopmental conditions: a monozygotic co-twin control study.** Mol Autism. 2022 Feb 19;13(1):8. doi: 10.1186/s13229-022-00487-5.
<https://pubmed.ncbi.nlm.nih.gov/35183250/>



30. Iso-Markku P, Kaprio J, Lindgrén N, Rinne JO, Vuoksimaa E. **Education as a moderator of middle-age cardiovascular risk factor-old-age cognition relationships: testing cognitive reserve hypothesis in epidemiological study.** Age Ageing. 2022 Feb 2;51(2):afab228. doi: 10.1093/ageing/afab228.
<https://pubmed.ncbi.nlm.nih.gov/35134847/>
31. Iwańczyk K, Czachowski B, Sosnowska-Sienkiewicz P, Telman G, Ciążyńska P, Mańkowski P, Januszkiewicz-Lewandowska D. **Clinical, Histological, Cytogenetic and Molecular Analysis of Monozygous Twins with Wilms Tumor.** Genes (Basel). 2022 Feb 18;13(2):372. doi: 10.3390/genes13020372.
<https://pubmed.ncbi.nlm.nih.gov/35205416/>
32. Janicki E, Janssens K, Blaumeiser B. **Non-invasive prenatal testing detects blood chimerism in dizygotic twins.** Prenat Diagn. 2022 Feb;42(2):236-239. doi: 10.1002/pd.6082. Epub 2021 Dec 28.
<https://pubmed.ncbi.nlm.nih.gov/34962654/>
33. Junaid M, Slack-Smith L, Wong K, Bourke J, Baynam G, Calache H, Leonard H. **Epidemiology of Rare Craniofacial Anomalies: Retrospective Western Australian Population Data Linkage Study.** J Pediatr. 2022 Feb;241:162-172.e9. doi: 10.1016/j.jpeds.2021.09.060. Epub 2021 Oct 7.
<https://pubmed.ncbi.nlm.nih.gov/34626670/>
34. Jung YM, Lee SM, Oh S, Shin HS, Park CW, Park JS, Han D, Jun JK. **Cord Blood Proteomic Biomarkers for Predicting Adverse Neurodevelopmental Outcomes in Monoamniotic Twins.** Reprod Sci. 2022 Feb 14. doi: 10.1007/s43032-021-00825-7. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35165813/>
35. Kaartinen MT, Hang A, Barry A, Arora M, Heinonen S, Lundbom J, Hakkarainen A, Lundholm N, Rissanen A, Kaprio J, Pietiläinen KH. **Matrisome alterations in obesity - Adipose tissue transcriptome study on monozygotic weight-discordant twins.** Matrix Biol. 2022 Feb 25:S0945-053X(22)00024-5. doi: 10.1016/j.matbio.2022.02.005. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35227930/>
36. Kandaswamy R, Allegrini A, Nancarrow AF, Cave SN, Plomin R, von Stumm S. **Predicting Alcohol Use From Genome-Wide Polygenic Scores, Environmental Factors, and Their Interactions in Young Adulthood.** Psychosom Med. 2022 Feb-Mar 01;84(2):244-250. doi: 10.1097/PSY.0000000000001005.
<https://pubmed.ncbi.nlm.nih.gov/34469941/>



37. Karibe J, Kuroda S, Saito T, Ishibashi Y, Usui K, Takeshima T, Komeya M, Yumura Y. **Monozygotic adult twins with nonmosaic Klinefelter syndrome with different results of sperm retrieval.** *Andrologia*. 2022 Feb;54(1):e14266. doi: 10.1111/and.14266. Epub 2021 Oct 8. <https://pubmed.ncbi.nlm.nih.gov/34623703/>
38. Katler QS, Kawwass JF, Hurst BS, Sparks AE, McCulloh DH, Wantzman E, Toner JP. **Vanquishing Multiple Pregnancy for In Vitro Fertilization in the United States - a 25-year Endeavor.** *Am J Obstet Gynecol*. 2022 Feb 9:S0002-9378(22)00104-1. doi: 10.1016/j.ajog.2022.02.005. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35150636/>
39. Keidai Y, Iwasaki Y, Iwasaki K, Honjo S, Bastepe M, Hamasaki A. **Sporadic Pseudohypoparathyroidism Type 1B in Monozygotic Twins: Insights Into the Pathogenesis of Methylation Defects.** *J Clin Endocrinol Metab*. 2022 Feb 17;107(3):e947-e954. doi: 10.1210/clinem/dgab801. <https://pubmed.ncbi.nlm.nih.gov/34741517/>
40. Kim YS, Kang M, Choe YJ, Sung J, Lee JY, Choe SA. **Child mortality of twins and singletons among late preterm and term birth: a study of national linked birth and under-five mortality data of Korea.** *Eur J Pediatr*. 2022 Feb 15. doi: 10.1007/s00431-022-04410-1. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35166933/>
41. Korb D, Goffinet F, Sentilhes L, Kayem G, Sénat MV, Azria E, Schmitz T; JUmeaux MODE d'Accouchement (JUMODA) Study Group and the Groupe de Recherche en Obstétrique et Gynécologie (GROG)*. **Survival Without Severe Neonatal Morbidity in Very Preterm Twins According to Planned Mode of Delivery.** *Obstet Gynecol*. 2022 Feb 1;139(2):202-209. doi: 10.1097/AOG.0000000000004639. <https://pubmed.ncbi.nlm.nih.gov/35104068/>
42. Korhonen T, Hjelmberg J, Harris JR, Clemmensen S, Adami HO, Kaprio J; Nordic Twin Study of Cancer (NorTwinCan) collaboration. **Cancer in twin pairs discordant for smoking: The Nordic Twin Study of Cancer.** *Int J Cancer*. 2022 Feb 10. doi: 10.1002/ijc.33963. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35143046/>
43. Kreienkamp HJ, Wagner M, Weigand H, McConkie-Rossell A, McDonald M, Keren B, Mignot C, Gauthier J, Soucy JF, Michaud JL, Dumas M, Smith R, Löbel U, Hempel M, Kubisch C, Denecke J, Campeau PM, Bain JM, Lessel D. **Variant-specific effects define the phenotypic spectrum of HNRNP2-associated neurodevelopmental disorders in males.** *Hum Genet*. 2022 Feb;141(2):257-272. doi: 10.1007/s00439-021-02412-x. Epub 2021 Dec 14. <https://pubmed.ncbi.nlm.nih.gov/34907471/>



-
44. Le Roy CI, Kurilshikov A, Leeming ER, Visconti A, Bowyer RCE, Menni C, Fachi M, Koutnikova H, Veiga P, Zhernakova A, Derrien M, Spector TD. **Yoghurt consumption is associated with changes in the composition of the human gut microbiome and metabolome.** BMC Microbiol. 2022 Feb 3;22(1):39. doi: 10.1186/s12866-021-02364-2. <https://pubmed.ncbi.nlm.nih.gov/35114943/>
45. Lecarie EK, Doane LD, Clifford S, Lemery-Chalfant K. **The onset of pubertal development and actigraphy-assessed sleep during middle childhood: Racial, gender, and genetic effects.** Sleep Health. 2022 Feb 21:S2352-7218(21)00278-3. doi: 10.1016/j.sleh.2021.12.006. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35210201/>
46. Leeming ER, Mompeo O, Turk P, Bowyer RCE, Louca P, Johnson AJ, Spector TD, Le Roy C, Gibson R. **Characterisation, procedures and heritability of acute dietary intake in the Twins UK cohort: an observational study.** Nutr J. 2022 Feb 27;21(1):13. doi: 10.1186/s12937-022-00763-3. <https://pubmed.ncbi.nlm.nih.gov/35220977/>
47. Li YL, Li DZ. **Does chorionic villus sampling protect against fetal loss in twin pregnancy at high background risk of spontaneous miscarriage?.** Ultrasound Obstet Gynecol. 2022 Feb;59(2):273-274. doi: 10.1002/uog.24848. <https://pubmed.ncbi.nlm.nih.gov/35104928/>
48. Løke D, Løvstad M, Andelic N, Andersson S, Ystrom E, Vassend O. **The role of pain and psychological distress in fatigue: a co-twin and within-person analysis of confounding and causal relations.** Health Psychol Behav Med. 2022 Feb 9;10(1):160-179. doi: 10.1080/21642850.2022.2033121. eCollection 2022. <https://pubmed.ncbi.nlm.nih.gov/35173998/>
49. López-Briones H, Villalobos-Gómez R, Chávez-González E, Martínez-Rodríguez M, Helue-Mena A, Gámez-Varela A, Cruz-Martínez R. **Twin-to-twin transfusion syndrome and coronavirus disease 2019: impact on diagnosis, referral, eligibility for fetoscopic laser therapy, and outcomes.** AJOG Glob Rep. 2022 Feb;2(1):100040. doi: 10.1016/j.xagr.2021.100040. Epub 2022 Jan 13. <https://pubmed.ncbi.nlm.nih.gov/35039807/>
50. Majewska A, Brawura-Biskupski-Samaha R, Kozłowski S, Bomba-Opoń D, Szymusik I, Płaza O, Wielgoś M. **Twin-to-twin transfusion syndrome complicated with in utero limb ischemia of the donor twin - a case report.** BMC Pregnancy Childbirth. 2022 Feb 4;22(1):97. doi: 10.1186/s12884-022-04429-0. <https://pubmed.ncbi.nlm.nih.gov/35120489/>



-
51. Malaab M, Renaud L, Takamura N, Zimmerman KD, da Silveira WA, Ramos PS, Haddad S, Peters-Golden M, Penke LR, Wolf B, Hardiman G, Langefeld CD, Medsger TA, Feghali-Bostwick CA. **Antifibrotic factor KLF4 is repressed by the miR-10/TFAP2A/TBX5 axis in dermal fibroblasts: insights from twins discordant for systemic sclerosis.** *Ann Rheum Dis.* 2022 Feb;81(2):268-277. doi: 10.1136/annrheumdis-2021-221050. Epub 2021 Nov 8. <https://pubmed.ncbi.nlm.nih.gov/34750102/>
52. Marceau K, Neiderhiser J. **Generalist genes and specialist environments for adolescent internalizing and externalizing problems: A test of severity and directionality.** *Dev Psychopathol.* 2022 Feb;34(1):379-386. doi: 10.1017/S0954579420001108. Epub 2020 Oct 19. <https://pubmed.ncbi.nlm.nih.gov/33070802/>
53. Marsh CE, Thomas HJ, Naylor LH, Dembo LG, Scurrah KJ, Green DJ. **Left Ventricular Adaptation to Exercise Training via MRI: Studies of Twin Responses to Understand Exercise Therapy (STRUETH).** *Med Sci Sports Exerc.* 2022 Feb 24. doi: 10.1249/MSS.0000000000002899. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35220371/>
54. McCormick SA, Deater-Deckard K, Hughes C. **Household clutter and crowding constrain associations between maternal sensitivity and child theory of mind.** *Br J Dev Psychol.* 2022 Feb 17. doi: 10.1111/bjdp.12406. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35175643/>
55. Medda E, Toccaceli V, Gigantesco A, Picardi A, Fagnani C, Stazi MA. **The COVID-19 pandemic in Italy: Depressive symptoms immediately before and after the first lockdown.** *J Affect Disord.* 2022 Feb 1;298(Pt A):202-208. doi: 10.1016/j.jad.2021.10.129. Epub 2021 Oct 31. <https://pubmed.ncbi.nlm.nih.gov/34732338/>
56. Mei H, Li N, Zhang Y, Zhang D, Peng AN, Tan YF, Mei H, Xiao H, Cao JX, Zhou JQ, Zhong YY, Li RZ, Yang SP. **Gut Microbiota Diversity and Overweight/Obesity in Infancy: Results from a Nested Case-control Study.** *Curr Med Sci.* 2022 Feb;42(1):210-216. doi: 10.1007/s11596-021-2476-1. Epub 2022 Jan 4. <https://pubmed.ncbi.nlm.nih.gov/34985609/>
57. Meller CH, Izbizky GH, Aiello HA, Otaño L. **Optimal gestational age for cervical length in twins: still an open debate!** *Am J Obstet Gynecol MFM.* 2022 Feb 2:100584. doi: 10.1016/j.ajogmf.2022.100584. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35123111/>



-
58. Merino J, Linenberg I, Bermingham KM, Ganesh S, Bakker E, Delahanty LM, Chan AT, Pujol JC, Wolf J, Khatib HA, Franks PW, Spector TD, Ordovas JM, Berry SE, Valdes AM. **Validity of continuous glucose monitoring for categorizing glycemic responses to diet: implications for use in personalized nutrition.** Am J Clin Nutr. 2022 Feb 4:nqac026. doi: 10.1093/ajcn/nqac026. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35134821/>
59. Miadich SA, Swanson J, Doane LD, Davis MC, Iida M, Lemery-Chalfant K. **Effortful control and health among triads of mothers and twin children: An actor-partner interdependence modeling approach.** J Fam Psychol. 2022 Feb;36(1):102-113. doi: 10.1037/fam0000891. Epub 2021 Jul 1.
<https://pubmed.ncbi.nlm.nih.gov/34197156/>
60. Silva MJ, Mohandas N, Craig JM, Manton DJ, Saffery R, Southey MC, Burgner DP, Lucas J, Kilpatrick NM, Hopper JL, Scurrah KJ, Li S. **DNA methylation in childhood dental caries and hypomineralization.** J Dent. 2022 Feb;117:103913. doi: 10.1016/j.jdent.2021.103913. Epub 2021 Dec 5.
<https://pubmed.ncbi.nlm.nih.gov/34875274/>
61. Mosalli R, Al Matrafi A, Alqarni S, Khayyat W, Paes B. **Are multiple births at greater risk for RSV-related hospitalisation compared with singletons?.** Arch Dis Child. 2022 Feb;107(2):193-197. doi: 10.1136/archdischild-2021-322856. Epub 2021 Nov 2.
<https://pubmed.ncbi.nlm.nih.gov/34728463/>
62. Muhammad S, Laraswati B, Violetta L. **Radiology assessment of omphalopagus conjoined twins: A case report.** Radiol Case Rep. 2022 Feb 4;17(4):1169-1174. doi: 10.1016/j.radcr.2022.01.042. eCollection 2022 Apr.
<https://pubmed.ncbi.nlm.nih.gov/35169422/>
63. Nemazee L, Cuddy L, Clayton TH. **Congenital erosive and vesicular dermatosis with reticulated scarring in twins, associated with oesophageal atresia.** Clin Exp Dermatol. 2022 Feb 2. doi: 10.1111/ced.15033. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35108747/>
64. Ni P, Wang H, Cai J, Ran J, Jiang Y, Zhao L, Wei J, Ni R, Wang Y, Ma X, Wang Q, Guo W, Li T. **Generation and characterization of human-derived iPSC lines from one pair of dizygotic twins discordant for schizophrenia.** Stem Cell Res. 2022 Feb 15;60:102710. doi: 10.1016/j.scr.2022.102710. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35182860/>



65. Nicholas R, Mohammed S, Bascombe N, Dan D. **Discordant intestinal malrotation in adult monozygotic twins discovered incidentally during laparoscopic gastric bypass: A case report and review of the literature.** Int J Surg Case Rep. 2022 Feb 8;92:106819. doi: 10.1016/j.ijscr.2022.106819. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35183006/>
66. Pan JP, Liang SS, Huang MY, Zhao M, Kong PC, Liu YP, Teng XM, Wu HX. **Obstetric and neonatal outcomes after frozen-thawed embryos transfer with laser-assisted hatching: a retrospective cohort study.** Arch Gynecol Obstet. 2022 Feb;305(2):529-534. doi: 10.1007/s00404-021-06153-0. Epub 2021 Aug 14.
<https://pubmed.ncbi.nlm.nih.gov/34390385/>
67. Pashankar R, Prabulos AM, Feder HM Jr. **A woman pregnant with twins has fever, haemolysis, and thrombocytopenia caused by babesiosis: could be confused with HELLP syndrome.** Lancet. 2022 Feb 26;399(10327):e10. doi: 10.1016/S0140-6736(22)00315-4.
<https://pubmed.ncbi.nlm.nih.gov/35219396/>
68. Pavone P, Pappalardo XG, Mustafa N, Cho SY, Jin DK, Incorpora G, Falsaperla R, Marino SD, Corsello G, Parano E, Ruggieri M. **Alternating Hemiplegia of Childhood: neurological comorbidities and intrafamilial variability.** Ital J Pediatr. 2022 Feb 17;48(1):29. doi: 10.1186/s13052-021-01194-2.
<https://pubmed.ncbi.nlm.nih.gov/35177115/>
69. Pecora CS, Ferreira KV, Miot HA. **The ONE21 technique for an individualized assessment and treatment of upper face wrinkles in five pairs of identical twins with IncobotulinumtoxinA.** J Cosmet Dermatol. 2022 Feb 24. doi: 10.1111/jocd.14879. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35201665/>
70. Pedersen JH, Skytthe A, Bybjerg-Grauholm J, Kucukyildiz AS, Skov L, Debes NM, Tümer Z. **Concordance and comorbidities among monozygotic twins with tic disorders.** J Psychiatr Res. 2022 Feb;146:297-303. doi: 10.1016/j.jpsychires.2021.11.019. Epub 2021 Nov 9.
<https://pubmed.ncbi.nlm.nih.gov/34794811/>
71. Peel AJ, Purves KL, Baldwin JR, Breen G, Coleman JRI, Pingault JB, Skelton M, Ter Kuile AR, Danese A, Eley TC. **Genetic and early environmental predictors of adulthood self-reports of trauma.** Br J Psychiatry. 2022 Feb 2:1-8. doi: 10.1192/bjp.2021.207. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35105391/>



-
72. Plassman BL, Chanti-Ketterl M, Pieper CF, Yaffe K. **Traumatic brain injury and dementia risk in male veteran older twins-Controlling for genetic and early life non-genetic factors.** *Alzheimers Dement.* 2022 Feb 1. doi: 10.1002/alz.12571. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35102695/>
73. Plomin R. **Commentary: The origins of intellectual disability.** *J Child Psychol Psychiatry.* 2022 Feb 18. doi: 10.1111/jcpp.13591. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35179223/>
74. Roman A, Ramirez A, Fox N. **Optimal gestational age for cervical length in twins: still an open debate! REPLAY.** *Am J Obstet Gynecol MFM.* 2022 Feb 2:100585. doi: 10.1016/j.ajogmf.2022.100585. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35123112/>
75. Rum Y, Genzer S, Markovitch N, Jenkins J, Perry A, Knafo-Noam A. **Are there positive effects of having a sibling with special needs? Empathy and prosociality of twins of children with non-typical development.** *Child Dev.* 2022 Feb 23. doi: 10.1111/cdev.13740. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35194782/>
76. Rydzanicz M, Glinkowski W, Walczak A, Koppolu A, Kostrzewa G, Gasperowicz P, Pollak A, Stawiński P, Płoski R. **Postzygotic mosaicism of a novel PTPN11 mutation in monozygotic twins discordant for metachondromatosis.** *Am J Med Genet A.* 2022 Feb 2. doi: 10.1002/ajmg.a.62670. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35112464/>
77. Sahin E, Madendag Y, Eraslan Sahin M, Col Madendag I, Kirlangic MM. **New ultrasonographic midtrimester scoring method for predicting spontaneous preterm birth in uncomplicated asymptomatic twin pregnancies.** *J Perinat Med.* 2022 Feb 14. doi: 10.1515/jpm-2021-0419. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35146974/>
78. Sarkar A, Caughey AB, Cheng YW, Yee LM. **Perinatal Outcomes of Twin Gestations with and without Gestational Diabetes Mellitus.** *Am J Perinatol.* 2022 Feb 21. doi: 10.1055/s-0042-1743184. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35189652/>



-
79. Schlag F, Allegrini AG, Buitelaar J, Verhoef E, van Donkelaar M, Plomin R, Rimfeld K, Fisher SE, St Pourcain B. **Polygenic risk for mental disorder reveals distinct association profiles across social behaviour in the general population.** Mol Psychiatry. 2022 Feb 28. doi: 10.1038/s41380-021-01419-0. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35228676/>
80. Schmitz J, Zheng M, Lui KFH, McBride C, Ho CS, Paracchini S. **Quantitative multidimensional phenotypes improve genetic analysis of laterality traits.** Transl Psychiatry. 2022 Feb 19;12(1):68. doi: 10.1038/s41398-022-01834-z. <https://pubmed.ncbi.nlm.nih.gov/35184143/>
81. Segal NL, Pratt-Thompson E. **The 2021 Congress of the International Society for Twin Studies: Twin Research at the Cutting Edge/Twin Research: Maternal Bonding with Twins; Twins with Peters Anomaly; Selective Termination in Dichorionic Twin Pairs; Neuropsychological Function in Twins with Neurofibromatosis/News Reports: World's Most Premature Survivor – A Twin; Twins Confuse Giants' Baseball Fans; Malaysian Twins Switched at Birth; 'Biracial' Twins.** Twin Res Hum Genet. 2022 Feb 23:1-6. doi: 10.1017/thg.2022.4. Online ahead of print. <https://pubmed.ncbi.nlm.nih.gov/35193725/>
82. Silventoinen K, Vuoksimaa E, Volanen SM, Palviainen T, Rose RJ, Suominen S, Kaprio J. **The genetic background of the associations between sense of coherence and mental health, self-esteem and personality.** Soc Psychiatry Psychiatr Epidemiol. 2022 Feb;57(2):423-433. doi: 10.1007/s00127-021-02098-6. Epub 2021 May 19. <https://pubmed.ncbi.nlm.nih.gov/34009445/>
83. Sunderam S, Kissin DM, Zhang Y, Jewett A, Boulet SL, Warner L, Kroelinger CD, Barfield WD. **Assisted Reproductive Technology Surveillance - United States, 2018.** MMWR Surveill Summ. 2022 Feb 18;71(4):1-19. doi: 10.15585/mmwr.ss7104a1. <https://pubmed.ncbi.nlm.nih.gov/35176012/>
84. Sung CA, Lin TY, Lee HN, Chan KS, Hung TH, Shaw SW. **Maternal outcome of selective feticide due to fetal anomaly in late trimester: A retrospective 10 years' experience in Taiwan.** J Chin Med Assoc. 2022 Feb 1;85(2):212-215. doi: 10.1097/JCMA.0000000000000610. <https://pubmed.ncbi.nlm.nih.gov/34412066/>
85. Szyfter K, Wigowska-Sowińska J. **Congenital amusia-pathology of musical disorder.** J Appl Genet. 2022 Feb;63(1):127-131. doi: 10.1007/s13353-021-00662-z. <https://pubmed.ncbi.nlm.nih.gov/34545551/>



-
86. Tedjawirja VN, van Klink JM, Haak MC, Klumper FJ, Middeldorp JM, Miller JL, Rosner M, Baschat AA, Lopriore E, Oepkes D. **Single fetal death in monochorionic twins: benefit of intrauterine transfusion?**. *Ultrasound Obstet Gynecol.* 2022 Feb 9. doi: 10.1002/uog.24876. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35137996/>
87. Tsang S, Avery AR, Duncan GE. **Do married and/or cohabiting individuals fare better during the COVID-19 pandemic? Satisfaction with life and depression among adult twins in the United States.** *Psychol Health Med.* 2022 Feb 10:1-8. doi: 10.1080/13548506.2022.2039397. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35144511/>
88. Tsereteli N, Vallat R, Fernandez-Tajes J, Delahanty LM, Ordovas JM, Drew DA, Valdes AM, Segata N, Chan AT, Wolf J, Berry SE, Walker MP, Spector TD, Franks PW. **Impact of insufficient sleep on dysregulated blood glucose control under standardised meal conditions.** *Diabetologia.* 2022 Feb;65(2):356-365. doi: 10.1007/s00125-021-05608-y. Epub 2021 Nov 30.
<https://pubmed.ncbi.nlm.nih.gov/34845532/>
89. Wang Z, Hui Q, Goldberg J, Smith N, Kaseer B, Murrah N, Levantsevych OM, Shallenberger L, Diggers E, Bremner JD, Vaccarino V, Sun YV. **Association Between Posttraumatic Stress Disorder and Epigenetic Age Acceleration in a Sample of Twins.** *Psychosom Med.* 2022 Feb-Mar 01;84(2):151-158. doi: 10.1097/PSY.0000000000001028.
<https://pubmed.ncbi.nlm.nih.gov/34629427/>
90. Yin XQ, An YX, Yu CG, Ke J, Zhao D, Yu K. **The Association Between Fecal Short-Chain Fatty Acids, Gut Microbiota, and Visceral Fat in Monozygotic Twin Pairs.** *Diabetes Metab Syndr Obes.* 2022 Feb 5;15:359-368. doi: 10.2147/DMSO.S338113. eCollection 2022.
<https://pubmed.ncbi.nlm.nih.gov/35153497/>
91. Yusoff MA, Wee ILE, Sim JXY, Yang L. **Candida glabrata chorioamnionitis in a twin pregnancy following in vitro fertilisation: a rare cause of septic miscarriage.** *BMJ Case Rep.* 2022 Feb 3;15(2):e246629. doi: 10.1136/bcr-2021-246629.
<https://pubmed.ncbi.nlm.nih.gov/35115330/>
92. Zheng Y, Dong X, Sui C, Zhang S, Yao J, Jin L, Huang B. **Culture medium is associated with the risks of placenta previa and macrosomia in pregnancies after in vitro fertilization.** *Arch Gynecol Obstet.* 2022 Feb 28. doi: 10.1007/s00404-022-06443-1. Online ahead of print.
<https://pubmed.ncbi.nlm.nih.gov/35224651/>



93. Zhuang M, Wang W, Cui Q, Sun Y. **Successful coverage of extensive burns using only the scalp of an identical twin as donor with modified meek micrografting technique.** Asian J Surg. 2022 Feb;45(2):788-791. doi: 10.1016/j.asjsur.2021.12.027. Epub 2021 Dec 25.
<https://pubmed.ncbi.nlm.nih.gov/34961723/>