



Genetic, behavioural and cognitive mechanisms underpinning the association between mother and offspring mental health problems: mental (M) health (H) intergenerational transmission (INT) -(MHINT)

Wyniki

Informacje na temat projektu

MHINT

Identyfikator umowy o grant: 758813

[Strona internetowa projektu](#)

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CORDIS oferuje możliwość skorzystania z odnośników do publicznie dostępnych publikacji i rezultatów projektów realizowanych w ramach programów ramowych HORYZONT.

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Publikacje

Peer reviewed articles (39)

[Proxy gene-by-environment Mendelian randomization study of the association between cigarette smoking during pregnancy and offspring mental health](#) 

Autorzy: Hannah M Sallis; Robyn E Wootton; George Davey Smith; Marcus R Munafò

Opublikowane w: Crossref, Numer 6, 2023, ISSN 1025-2495

Wydawca: IJE

DOI: 10.1093/ije/dyad022

[Early parenting interventions to prevent internalising problems in children and adolescents: a global systematic review and network meta-analysis](#) 

Autorzy: Ilaria Costantini; José A López-López; Deborah Caldwell; Amy Campbell; Veronica Hadjipanayi; Sarah J Cantrell; Tallulah Thomas; Nathan Badmann; Elise Paul; Deborah M James; Miguel Cordero; Tom Jewell; Jonathan Evans; Rebecca M Pearson

Opublikowane w: Costantini , I , Lopez-Lopez , J , Caldwell , D , Campbell , A , Hadjipanayi , V , Cantrell , S , Thomas , T , Badmann , N , Paul , E , James , D , Cordero , M , Jewell , T , Evans , J & Pearson , R 2023 , ' Early parenting interventions to prevent internalising problems in children and adolescents: a global systematic review and network meta-analysis ' , BMJ Mental Health , vol. 26 , no. 1 , e300, Numer 1, 2023, ISSN 1756-1833

Wydawca: BMJ open

DOI: 10.1136/bmjment-2023-300811

Grandmothers' mental health is associated with grandchildren's emotional and behavioral development:a three-generation prospective study in Brazil

Autorzy: Pearson, R; Culpin, I; Loret De Mola, C; Matijasevich, A; Santos, I; Horta, B; Barros, F; Stein, A

Opublikowane w: Pearson , R , Culpin , I , Loret de Mola , C , Matijasevich , A , Santos , I S , L Horta , B , Barros , F C & Alan , S 2019 , ' Grandmothers' mental health is associated with grandchildren's emotional and behavioral development : a three-generation prospective study in Brazil ' , BMC Psychiatry , vol. 19 , no. 1 , 184 . <https://doi.org/10.1186/s12888-019-2166-8>, Numer 6, 2019, ISSN 1471-

[The second generation of The Avon Longitudinal Study of Parents and Children \(ALSPAC-G2\): a cohort profile](#)

Autorzy: Deborah A. Lawlor, Melanie Lewcock, Louise Rena-Jones, Claire Rollings, Vikki Yip, Daniel Smith, Rebecca M. Pearson, Laura Johnson, Louise A. C. Millard, Nashita Patel, Andy Skinner, Kate Tilling

Opublikowane w: Wellcome Open Research, Numer 4, 2019, Strona(/y) 36, ISSN 2398-502X

Wydawca: Wellcome Open

DOI: 10.12688/wellcomeopenres.15087.1

[The nature and structure of maternal parenting practices and infant behaviors in U.S. national and international samples](#)

Autorzy: Marc H. Bornstein, Diane L. Putnick, Gianluca Esposito, Rebecca M. Pearson

Opublikowane w: Frontiers in Child and Adolescent Psychiatry, Numer 2, 2023, ISSN 2813-4540

Wydawca: Frontiers

DOI: 10.3389/frcha.2023.1124037

[Joint associations of parental personality traits and socioeconomic position with trajectories of offspring depression: findings from up to 6925 families in a UK birth cohort](#)

Autorzy: Tim Cadman, Alex S. F. Kwong, Paul Moran, Heather O'Mahen, Iryna Culpin, Deborah A Lawlor, Rebecca M. Pearson

Opublikowane w: jcpp advances, 2024, ISSN 2692-9384

Wydawca: JCPP

DOI: 10.1101/2020.08.19.20177899

[Protocol for a systematic review and network meta-analysis of randomised controlled trials examining the effectiveness of early parenting interventions in preventing internalising problems in children and adolescents](#)

Autorzy: Ilaria Costantini, Elise Paul, Deborah M. Caldwell, José A. López-López, Rebecca M. Pearson

Opublikowane w: Systematic Reviews, Numer 9/1, 2020, ISSN 2046-4053

Wydawca: BioMed Central

DOI: 10.1186/s13643-020-01500-9

[Specific domains of early parenting, their heritability and differential association with adolescent behavioural and emotional disorders and academic achievement](#)

Autorzy: Iryna Culpin, Marc H. Bornstein, Diane L. Putnick, Hannah Sallis, Ruby Lee, Miguel Cordero, Priya Rajyaguru, Katarzyna Kordas, Tim Cadman, Rebecca M. Pearson

Opublikowane w: European Child & Adolescent Psychiatry, Numer 29/10, 2020, Strona(/y) 1401-1409, ISSN 1018-8827

Wydawca: Dr. Dietrich Steinkopff Verlag

DOI: 10.1007/s00787-019-01449-8

[Depressive symptoms measured using the Edinburgh Postnatal Depression Scale in mothers and partners in the ALSPAC Study: A data note](#)

Autorzy: Elise Paul, Rebecca Pearson

Opublikowane w: Wellcome Open, 2020, ISSN 2398-502X

Wydawca: F1000 Research Ltd.

DOI: 10.12688/wellcomeopenres.15925.2

[Genetic and Environmental Risk Factors Associated With Trajectories of Depression Symptoms From Adolescence to Young Adulthood](#)

Autorzy: Alex S. F. Kwong, José A. López-López, Gemma Hammerton, David Manley, Nicholas J. Timpson, George Leckie, Rebecca M. Pearson

Opublikowane w: JAMA Network Open, Numer 2/6, 2019, Strona(/y) e196587, ISSN 2574-3805

Wydawca: JAMA Network

DOI: 10.1001/jamanetworkopen.2019.6587

[Locus of Control and Negative Cognitive Styles in Adolescence as Risk Factors for Depression Onset in Young Adulthood: Findings From a Prospective Birth Cohort Study](#)

Autorzy: Ilaria Costantini, Alex S. F. Kwong, Daniel Smith, Melanie Lewcock, Deborah A. Lawlor, Paul Moran, Kate Tilling, Jean Golding, Rebecca M. Pearson

Opublikowane w: Frontiers in Psychology, Numer 12, 2021, ISSN 1664-1078

Wydawca: Frontiers Research Foundation

DOI: 10.3389/fpsyg.2021.599240

[Gene–environment correlations and causal effects of childhood maltreatment on physical and mental health: a genetically informed approach](#)

Autorzy: Varun Warriar, Alex S F Kwong, Mannan Luo, Shareefa Dalvie, Jazz Croft, Hannah M Sallis, Jessie Baldwin, Marcus R Munafò, Caroline M Nievergelt, Andrew J Grant, Stephen Burgess, Tyler M Moore, Ran Barzilay, Andrew McIntosh, Marinus H van IJzendoorn, Charlotte A M Cecil

Opublikowane w: The Lancet Psychiatry, Numer 8, 2022, Strona(/y) 373-386, ISSN 2215-0366

Wydawca: Elsevier Limited

DOI: 10.1016/s2215-0366(20)30569-1

[Childhood trajectories of internalising and externalising problems associated with a polygenic risk score for neuroticism in a UK birth cohort study](#)

Autorzy: Ilaria Costantini, Hannah Sallis, Kate Tilling, Daniel Major-Smith, Rebecca M. Pearson, Daphne-Zacharenia Kounali

Opublikowane w: JCPP Advances, Numer 3, 2023, ISSN 2692-9384

Wydawca: JCPP

DOI: 10.1002/jcv2.12141

[Investigating the causal relationship between allergic disease and mental health](#)

Autorzy: Ashley Budu-Aggrey, Sally Joyce, Neil M. Davies, Lavinia Paternoster, Marcus R. Munafò, Sara J. Brown, Jonathan Evans, Hannah M. Sallis

Opublikowane w: Clinical & Experimental Allergy, Numer 51, 2023, Strona(/y) 1449-1458, ISSN 0954-7894

Wydawca: Blackwell Publishing Inc.

DOI: 10.1111/cea.14010

[Relative effects of breastfeeding intention and practice on maternal responsiveness](#)

Autorzy: Jones, Catherine L.; Culpin, Iryna; Evans, Jonathan; Pearson, Rebecca M.

Opublikowane w: Infant Mental Health Journal, Numer 5, 2019, ISSN 0163-9641

Wydawca: John Wiley & Sons Inc.

DOI: 10.1002/imhj.21832

[Quantifying the efficacy of an automated facial coding software using videos of parents](#)

Autorzy: R. Burgess, I. Culpin, I. Costantini, H. Bould, I. Nabney, R. M. Pearson

Opublikowane w: Frontiers in Psychology, Numer 14, 2023, ISSN 1664-1078

Wydawca: Frontiers Research Foundation

DOI: 10.3389/fpsyg.2023.1223806

[Through each other's eyes: initial results and protocol for the co-design of an observational measure of adolescent-parent interaction using first-person perspective](#)

Autorzy: Nicky Wright, Rebecca M. Pearson, Danielle Crook, Alice Bond, Tom Jewell

Opublikowane w: Frontiers in Child and Adolescent Psychiatry, Numer 2, 2024, ISSN 2813-4540

Wydawca: frontiers

DOI: 10.3389/frcha.2023.1214890

[Maternal and paternal depressive symptoms and parental vocalisation behaviours in infancy: findings from UK-based birth cohort](#)

Autorzy: Amy Campbell, Gemma Lewis, Ilaria Costantini, Miguel Cordero, Andy Skinner, Esther Dermott, Tina Miller, Mari-Rose Kennedy, Iryna Culpin

Opublikowane w: Frontiers in Child and Adolescent Psychiatry, Numer 2, 2023, ISSN 2813-4540

Wydawca: Frontiers

DOI: 10.3389/frcha.2023.1122371

[Maternal and paternal depression and child mental health trajectories: evidence from the Avon Longitudinal Study of Parents and Children](#) 

Autorzy: Priya Rajyaguru; Alex S. F. Kwong; Elizabeth Braithwaite; Rebecca M Pearson

Opublikowane w: British Journal of Psychiatry Open, Numer 2, 2021, ISSN 1472-1465

Wydawca: British Journal Psychiatry

DOI: 10.1192/bjo.2021.959

[Thoughts of self-harm in early and late pregnancy in urban South Africa: Investigating prevalence, predictors and screening options](#) 

Autorzy: S Redinger, R M Pearson, B Houle, S A Norris, T J Rochat

Opublikowane w: South African Medical Journal, Numer 111, 2021, Strona(/y) 627, ISSN 2078-5135

Wydawca: Africa

DOI: 10.7196/samj.2021.v111i7.15058

[Combined polygenic risk scores of different psychiatric traits predict general and specific psychopathology in childhood](#) 

Autorzy: Alexander Neumann, Alexia Jolicoeur-Martineau, Eszter Szekely, Hannah M. Sallis, Kieran O'Donnel, Celia M.T. Greenwood, Robert Levitan, Michael J. Meaney, Ashley Wazana, Jonathan Evans, Henning Tiemeier

Opublikowane w: Journal of Child Psychology and Psychiatry, Numer 63, 2023, Strona(/y) 636-645, ISSN 0021-9630

Wydawca: Blackwell Publishing Inc.

DOI: 10.1111/jcpp.13501

[Father absence and trajectories of offspring mental health across adolescence and young adulthood: Findings from a UK-birth cohort](#) 

Autorzy: Iryna Culpin, Hein Heuvelman, Dheeraj Rai, Rebecca M. Pearson, Carol Joinson, Jon Heron, Jonathan Evans, Alex S.F. Kwong

Opublikowane w: Journal of Affective Disorders, Numer 314, 2024, Strona(/y) 150-159, ISSN 0165-0327

Wydawca: Elsevier BV

DOI: 10.1016/j.jad.2022.07.016

[A Quantitative Evaluation of Thin Slice Sampling for Parent-Infant Interactions](#) 

Autorzy: Romana Burgess, Ilaria Costantini, Marc H. Bornstein, Amy Campbell, Miguel A. Cordero Vega, Iryna Culpin, Hayley Dingsdale, Rosalind M. John, Mari-Rose Kennedy, Hannah R. Tyson, Rebecca M. Pearson, Ian Nabney

Opublikowane w: Journal of Nonverbal Behavior, Numer 47, 2023, Strona(/y) 117-210, ISSN 0191-5886

Wydawca: Kluwer Academic/Plenum Publishers

DOI: 10.1007/s10919-022-00420-7

[Prevalence of Prenatal Depression Symptoms Among 2 Generations of Pregnant Mothers](#) 

Autorzy: Rebecca M. Pearson, Rebecca E. Carnegie, Callum Cree, Claire Rollings, Louise Rena-Jones, Jonathan Evans, Alan Stein, Kate Tilling, Melanie Lewcock, Debbie A. Lawlor

Opublikowane w: JAMA Network Open, Numer 1/3, 2018, Strona(/y) e180725, ISSN 2574-3805

Wydawca: JAMA

DOI: 10.1001/jamanetworkopen.2018.0725

[Identifying stakeholder priorities in use of wearable cameras for researching parent-child interactions](#) 

Autorzy: Andy Skinner; Ilaria Costantini; Christopher J Stone; James Darios; Mike Gray; Iryna Culpin; Rebecca M. Pearson

Opublikowane w: Skinner , A L , Costantini , I , Stone , C J , Darios , J , Gray , M , Culpin , I & Pearson , R 2023 , ' Identifying stakeholder priorities in use of wearable cameras for researching parent-child interactions ' , Frontiers in Child And Adolescent Psychiatry , vol. 2 . <https://doi.org/10.3389/frcha.2023.1111299>, Numer 7, 2023, ISSN 2813-4540

Wydawca: Frontiers

DOI: 10.31234/osf.io/9vxc7

[Prenatal smoking, alcohol and caffeine exposure and offspring externalising disorders: A systematic review and meta-analysis](#) 

Autorzy: Elis Haan, Kirsten E. Westmoreland, Laura Schellhas, Hannah M. Sallis, Gemma Taylor, Luisa Zuccolo, Marcus R. Munafò

Opublikowane w: Addiction, 2024, ISSN 1360-0443

Wydawca: Addiction

DOI: 10.1101/2021.06.02.21258212

[The Avon Longitudinal Study of Parents and Children - A resource for COVID-19 research: Generation 2 questionnaire data capture May-July 2020](#) 

Autorzy: Daniel Smith, Kate Northstone, Claire Bowring, Nicholas Wells, Michael Crawford, Rebecca M. Pearson, Amy Thomas, Ellen Brooks-Pollock, Deborah A. Lawlor, Nicholas John Timpson

Opublikowane w: Wellcome Open Research, Numer 5, 2022, Strona(/y) 278, ISSN 2398-502X

Wydawca: WO

DOI: 10.12688/wellcomeopenres.16414.1

[THE IMPACT OF ROUTINES ON EMOTIONAL AND BEHAVIOURAL DIFFICULTIES IN CHILDREN AND ON PARENTAL ANXIETY DURING COVID-19](#) 

Autorzy: Vera Lees, Rosie Hay, Helen Bould, Alex S. F. Kwong, Daniel Major-Smith, Daphne Kounali, Rebecca M Pearson

Opublikowane w: Frontiers of Child and Adolescent Psychiatry, 2024, ISSN

2692-9384

Wydawca: frontiers

DOI: 10.1101/2022.03.25.22272950

Polygenic risk for depression, anxiety and neuroticism are associated with the severity and rate of change in depressive symptoms across adolescence

Autorzy: Kwong, A. S. F., Morris, T. T., Pearson, R. M., Timpson, N. J., Rice, F., Stergiakouli, E. & Tilling, K. M.,

Opublikowane w: JCPP, 2021, ISSN 1469-7610

Wydawca: JCPP

[Depressive symptoms and academic achievement in UK adolescents: a cross-lagged analysis with genetic covariates](#)

Autorzy: José A. López-López, Alex S.F. Kwong, Liz Washbrook, Kate Tilling, Mina S. Fazel, Rebecca M. Pearson

Opublikowane w: Journal of Affective Disorders, Numer 284, 2021, Strona(/y) 104-113, ISSN 0165-0327

Wydawca: Elsevier BV

DOI: 10.1016/j.jad.2021.01.091

[Mendelian randomisation for psychiatry: how does it work, and what can it tell us?](#)

Autorzy: Robyn E. Wootton, Hannah J. Jones, Hannah M. Sallis

Opublikowane w: Molecular Psychiatry, Numer 27, 2024, Strona(/y) 53-57, ISSN 1359-4184

Wydawca: Nature Publishing Group

DOI: 10.1038/s41380-021-01173-3

[Mental health before and during the COVID-19 pandemic in two longitudinal UK population cohorts](#)

Autorzy: Alex S. F. Kwong, Rebecca M. Pearson, Mark J. Adams, Kate Northstone, Kate Tilling, Daniel Smith, Chloe Fawns-Ritchie, Helen Bould, Naomi Warne, Stanley Zammit, David J. Gunnell, Paul A. Moran, Nadia Micali, Abraham Reichenberg, Matthew Hickman, Dheeraj Rai, Simon Haworth, Archie Campbell, Drew Altschul, Robin Flaig, Andrew M. McIntosh, Deborah A. Lawlor, David Porteous, Nicholas J. Timpson

Opublikowane w: The British Journal of Psychiatry, 2021, Strona(/y) 1-10, ISSN 0007-1250

Wydawca: Royal College of Psychiatrists

DOI: 10.1192/bjp.2020.242

[Maternal and offspring genetic risk score analyses of fetal alcohol exposure and attention-deficit hyperactivity disorder risk in offspring](#)

Autorzy: Elis Haan, Hannah M. Sallis, Eivind Ystrom, Pål Rasmus Njølstad, Ole A. Andreassen, Ted Reichborn-Kjennerud, Marcus R. Munafò, Alexandra Havdahl, Luisa Zuccolo

Opublikowane w: Alcoholism: Clinical and Experimental Research, Numer 45, 2023, Strona(/y) 2090-2102, ISSN 0145-6008

Wydawca: Lippincott Williams & Wilkins Ltd.

DOI: 10.1111/acer.14692

[Maternal perinatal depressive symptoms and offspring psychotic experiences at 18 years of age: a longitudinal study](#) 

Autorzy: Ramya Srinivasan, Rebecca M Pearson, Sonia Johnson, Gemma Lewis, Glyn Lewis

Opublikowane w: The Lancet Psychiatry, Numer 7, 2020, Strona(/y) 431-440, ISSN 2215-0366

Wydawca: Elsevier Limited

DOI: 10.1016/s2215-0366(20)30132-2

[First trimester antenatal depression and anxiety: prevalence and associated factors in an urban population in Soweto, South Africa](#) 

Autorzy: S. Redinger, S. A. Norris, R. M. Pearson, L. Richter, T. Rochat

Opublikowane w: Journal of Developmental Origins of Health and Disease, Numer 9/1, 2018, Strona(/y) 30-40, ISSN 2040-1744

Wydawca: Cambridge University Press

DOI: 10.1017/s204017441700071x

[Parental monitoring longitudinally associates with reduced risk of adolescent mental health problems](#) 

Autorzy: Tim Cadman, Elise Paul, Iryna Culpin, Hannah Sallis, Helen Bould, Rebecca M Pearson

Opublikowane w: Journal Affective Disorders, 2022, ISSN 0165-0327

Wydawca: Elsevier BV

DOI: 10.1016/j.jadr.2022.100420

[Maternal postnatal depressive symptoms and offspring emotional and behavioral development at age 7 years in a U.K. birth cohort: The role of paternal involvement](#) 

Autorzy: Culpin, I., Hammerton, G., Stein, A., Bornstein, M. H., Tiemeier, H., Cadman, T., Fredriksen, E., Evans, J., Miller, T., Dermott, E., Heron, J., Sallis, H. M., & Pearson, R. M

Opublikowane w: Developmental Psychology, 2023, ISSN 1939-0599

Wydawca: Developmental Psychology

DOI: 10.1037/dev0001482

[Let's call it the effect allele: a suggestion for GWAS naming conventions.](#) 

Autorzy: Robyn E Wootton; Hannah M Sallis

Opublikowane w: Wootton , R E & Sallis , H M 2020 , ' Let's call it the effect allele : A suggestion for GWAS naming convention ' , International Journal of Epidemiology . <https://doi.org/10.1093/ije/dyaa149>, Numer 2, 2020, ISSN 1464-

3685

Wydawca: Int Journal Epidemiology

DOI: 10.1093/ije/dyaa149

[Maternal postnatal depression and offspring depression at age 24 years in a UK-birth cohort: the mediating role of maternal nurturing behaviours concerning feeding, crying and sleeping](#) 

Autorzy: Iryna Culpin, Gemma Hammerton, Marc H. Bornstein, Jon Heron, Jonathan Evans, Tim Cadman, Hannah M. Sallis, Kate Tilling, Alan Stein, Alex S.F. Kwong, Rebecca M. Pearson

Opublikowane w: Wellcome Open Research, Numer 6, 2024, Strona(/y) 187, ISSN 2398-502X

Wydawca: Wellcome Open

DOI: 10.12688/wellcomeopenres.17006.2

Other (5)



[Trajectories of child emotional and behavioural difficulties before and during the COVID-19 pandemic in a longitudinal UK cohort](#) 

Autorzy: Elise Paul, Daphne Kounali, Alex S. F. Kwong, Daniel Smith, Ilaria Costantini, Deborah A. Lawlor, Kapil Sayal, Helen Bould, Nicholas J. Timpson, Kate Northstone, Melanie Lewcock, Kate Tilling, Rebecca M. Pearson

Opublikowane w: 2022

Wydawca: Cold Spring Harbor Laboratory

DOI: 10.1101/2021.05.11.21257040

[Direct and indirect genetic pathways between parental neuroticism and offspring emotional problems across development: evidence from 7 cohorts across 5 European nations](#) 

Autorzy: Hannah M. Sallis, Ilaria Costantini, Melisa T. Chuong, Katri Kantojärvi, Robyn E. Wootton, Hannah J. Jones, Lea Sirignano, Josef Frank, Fabian Streit, Stephanie H. Witt, Lea Zillich, Maria Gilles, Helga Ask, Alex S. F. Kwong, Mark J Adams, Kate Tilling, Deborah A. Lawlor, Nicholas J. Timpson, Tiina Paunio, Alexandra Havdahl, Andrew M. McIntosh, Alan Stein, Deborah James, Rebecca M. Pearson

Opublikowane w: 2024

Wydawca: Cold Spring Harbor Laboratory

DOI: 10.1101/2024.09.12.24313313

[Emotional Context, Learning, and Decision-Making: Associations with Mental Health and Personality in Nulliparous and Pregnant Women from a UK Birth Cohort](#) 

Autorzy: Ilaria Costantini, Axel Montout, Paul Moran, Daphne Kounali, Rebecca Pearson, Casimir Johannes Hendrikus Ludwig

Opublikowane w: Emotional Context, Learning, and Decision-Making:

Associations with Mental Health and Personality in Nulliparous and Pregnant Women from a UK Birth Cohort, 2024

Wydawca: Center for Open Science

DOI: 10.31234/osf.io/q3r8s

[To know and be known: the proportion of genetic similarity for liability for neuroticism in mother-child and mother-father dyads is associated with reported relationship quality. PsyArXiv; 2023. DOI: 10.31234/osf.io/n8v25.](#) 

Autorzy: Pearson RM, Braithwaite E, Cadman T

Opublikowane w: OSF, 2024

Wydawca: OSF

DOI: 10.31234/osf.io/n8v25

[Mental Health Intergenerational Transmission \(MHINT\) Process Manual](#) 

Autorzy: Ilaria Costantini, Miguel Cordero, Amy Campbell, Romana Burgess, Kiran Glen, Georgianna Moraitopoulou, Elise Paul, Marc H. Bornstein, Iryna Culpin, Rebecca M. Pearson

Opublikowane w: 2022

Wydawca: Center for Open Science

DOI: 10.31219/osf.io/s6n4h

Non-peer reviewed articles (1)

[Behavioural signatures of intergenerational transmission of mental health: triangulation of epidemiology and developmental psychology](#) 

Autorzy: Rebecca Pearson, Ilaria Costantini, Iryna Culpin, Amy Campbell, Romana Burgess, Miguel Cordero, Andy Radford, Tamsen Rochat, Alessandra Prioreschi

Opublikowane w: The Project Repository Journal, Numer 11, 2021, Strona(/y) 106-109, ISSN 2632-4067

Wydawca: EDMA

DOI: 10.54050/prj1117728

Pozostałe produkty badawcze

Pozostałe produkty badawcze dostępne przez OpenAire (1) 



[The causal effect of cigarette smoking on healthcare costs](#) 

Autorzy: Dixon, PC; Sallis, H; Munafo, M; Smith, GD; Howe, L
Opublikowane w: medRxiv

Ostatnia aktualizacja: 19 Lutego 2025

Permalink: <https://cordis.europa.eu/project/id/758813/results/pl>

European Union, 2025