

# Brendan P Zietsch

## List of Publications by Year in descending order

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Version: 2024-02-01

93  
papers

3,519  
citations

186265

28  
h-index

161849

54  
g-index

103  
all docs

103  
docs citations

103  
times ranked

4318  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior. <i>Science</i> , 2019, 365, .  | 12.6 | 245       |
| 2  | Genetic evidence of assortative mating in humans. <i>Nature Human Behaviour</i> , 2017, 1, .  | 12.0 | 242       |
| 3  | Genetic and environmental influences on cannabis use initiation and problematic use: a meta-analysis of twin studies. <i>Addiction</i> , 2010, 105, 417-430.  | 3.3  | 218       |
| 4  | Genetic correlates of social stratification in Great Britain. <i>Nature Human Behaviour</i> , 2019, 3, 1332-1342.   | 12.0 | 177       |
| 5  | MAINTENANCE OF GENETIC VARIATION IN HUMAN PERSONALITY: TESTING EVOLUTIONARY MODELS BY ESTIMATING HERITABILITY DUE TO COMMON CAUSAL VARIANTS AND INVESTIGATING THE EFFECT OF DISTANT INBREEDING. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 3238-3251. | 2.3  | 166       |
| 6  | A genome-wide association study of Cloninger's temperament scales: Implications for the evolutionary genetics of personality. <i>Biological Psychology</i> , 2010, 85, 306-317.   | 2.2  | 150       |
| 7  | Specializations of the granular prefrontal cortex of primates: Implications for cognitive processing. <i>The Anatomical Record Part A: Discoveries in Molecular, Cellular, and Evolutionary Biology</i> , 2006, 288A, 26-35.  | 2.0  | 134       |
| 8  | Variation in Human Mate Choice: Simultaneously Investigating Heritability, Parental Influence, Sexual Imprinting, and Assortative Mating. <i>American Naturalist</i> , 2011, 177, 605-616.  | 2.1  | 131       |
| 9  | Experimental evidence that women's mate preferences are directly influenced by cues of pathogen prevalence and resource scarcity. <i>Biology Letters</i> , 2011, 7, 892-895.  | 2.3  | 119       |
| 10 | Common and specific genetic influences on EEG power bands delta, theta, alpha, and beta. <i>Biological Psychology</i> , 2007, 75, 154-164.  | 2.2  | 92        |
| 11 | Genetic factors predisposing to homosexuality may increase mating success in heterosexuals. <i>Evolution and Human Behavior</i> , 2008, 29, 424-433.  | 2.2  | 84        |
| 12 | Do shared etiological factors contribute to the relationship between sexual orientation and depression?. <i>Psychological Medicine</i> , 2012, 42, 521-532.   | 4.5  | 80        |
| 13 | Genetic and Environmental Influences on Optimism and its Relationship to Mental and Self-Rated Health: A Study of Aging Twins. <i>Behavior Genetics</i> , 2009, 39, 597-604.  | 2.1  | 79        |
| 14 | A critique of life history approaches to human trait covariation. <i>Evolution and Human Behavior</i> , 2020, 41, 527-535.  | 2.2  | 74        |
| 15 | Estimating Heritability from Twin Studies. <i>Methods in Molecular Biology</i> , 2012, 850, 151-170.  | 0.9  | 66        |
| 16 | The Genetic Correlation between Height and IQ: Shared Genes or Assortative Mating?. <i>PLoS Genetics</i> , 2013, 9, e1003451.   | 3.5  | 61        |
| 17 | Variation in Women's Preferences Regarding Male Facial Masculinity Is Better Explained by Genetic Differences Than by Previously Identified Context-Dependent Effects. <i>Psychological Science</i> , 2015, 26, 1440-1448.  | 3.3  | 56        |
| 18 | Genetic and Environmental Influences on Risky Sexual Behaviour and its Relationship With Personality. <i>Behavior Genetics</i> , 2010, 40, 12-21.   | 2.1  | 50        |

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|----|---|-----|-----------|
| 19 | The quantitative genetics of disgust sensitivity.. <i>Emotion</i> , 2016, 16, 43-51.  | 1.8 | 50        |
| 20 | Individual differences as the output of evolved calibration mechanisms: does the theory make sense in view of empirical observations?. <i>Current Opinion in Psychology</i> , 2016, 7, 71-75.   | 4.9 | 50        |
| 21 | Perfect genetic correlation between number of offspring and grandoffspring in an industrialized human population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 1032-1036.                | 7.1 | 49        |
| 22 | Did sexual selection shape human music? Testing predictions from the sexual selection hypothesis of music evolution using a large genetically informative sample of over 10,000 twins. <i>Evolution and Human Behavior</i> , 2015, 36, 359-366. | 2.2 | 47        |
| 23 | Genetic Factors That Increase Male Facial Masculinity Decrease Facial Attractiveness of Female Relatives. <i>Psychological Science</i> , 2014, 25, 476-484.   | 3.3 | 46        |
| 24 | Region-specific sex differences in the hippocampus. <i>NeuroImage</i> , 2020, 215, 116781.  | 4.2 | 45        |
| 25 | Sexual Orientation and Psychiatric Vulnerability: A Twin Study of Neuroticism and Psychoticism. <i>Archives of Sexual Behavior</i> , 2011, 40, 133-142.   | 1.9 | 43        |
| 26 | Female Orgasm Rates are Largely Independent of Other Traits: Implications for "Female Orgasmic Disorder" and Evolutionary Theories of Orgasm. <i>Journal of Sexual Medicine</i> , 2011, 8, 2305-2316.   | 0.6 | 36        |
| 27 | Older fathers' children have lower evolutionary fitness across four centuries and in four populations. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2017, 284, 20171562.  | 2.6 | 34        |
| 28 | The Association of Genotype-Based Inbreeding Coefficient with a Range of Physical and Psychological Human Traits. <i>PLoS ONE</i> , 2014, 9, e103102.   | 2.5 | 31        |
| 29 | Genetic and Environmental Influences on Individual Differences in Attitudes Toward Homosexuality: An Australian Twin Study. <i>Behavior Genetics</i> , 2008, 38, 257-265.   | 2.1 | 30        |
| 30 | Human facial attributes, but not perceived intelligence, are used as cues of health and resource provision potential. <i>Behavioral Ecology</i> , 2013, 24, 779-787.  | 2.2 | 30        |
| 31 | A multivariate approach to human mate preferences. <i>Evolution and Human Behavior</i> , 2014, 35, 193-203.   | 2.2 | 30        |
| 32 | Genetic analysis of human extrapair mating: heritability, between-sex correlation, and receptor genes for vasopressin and oxytocin. <i>Evolution and Human Behavior</i> , 2015, 36, 130-136.  | 2.2 | 29        |
| 33 | Facial averageness and genetic quality: testing heritability, genetic correlation with attractiveness, and the paternal age effect. <i>Evolution and Human Behavior</i> , 2016, 37, 61-66.  | 2.2 | 29        |
| 34 | No evidence for genetic assortative mating beyond that due to population stratification. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E4137.   | 7.1 | 28        |
| 35 | Estimating Heritability from Twin Studies. <i>Methods in Molecular Biology</i> , 2017, 1666, 171-194.   | 0.9 | 28        |
| 36 | Genetic analysis of orgasmic function in twins and siblings does not support the by-product theory of female orgasm. <i>Animal Behaviour</i> , 2011, 82, 1097-1101.   | 1.9 | 27        |

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|----|---|------|-----------|
| 37 | Genomic evidence consistent with antagonistic pleiotropy may help explain the evolutionary maintenance of same-sex sexual behaviour in humans. <i>Nature Human Behaviour</i> , 2021, 5, 1251-1258.                              | 12.0 | 27        |
| 38 | Fractal Analysis: Pitfalls and Revelations in Neuroscience. , 2005, , 85-94.  |      | 26        |
| 39 | Evolutionary behavioral genetics. <i>Current Opinion in Behavioral Sciences</i> , 2015, 2, 73-80.   | 3.9  | 26        |
| 40 | No direct relationship between human female orgasm rate and number of offspring. <i>Animal Behaviour</i> , 2013, 86, 253-255.   | 1.9  | 24        |
| 41 | The Association of Genetic Predisposition to Depressive Symptoms with Non-suicidal and Suicidal Self-Injuries. <i>Behavior Genetics</i> , 2017, 47, 3-10.   | 2.1  | 24        |
| 42 | Estimating the Sex-Specific Effects of Genes on Facial Attractiveness and Sexual Dimorphism. <i>Behavior Genetics</i> , 2014, 44, 270-281.  | 2.1  | 23        |
| 43 | Pathogen disgust sensitivity and resource scarcity are associated with mate preference for different waist-to-hip ratios, shoulder-to-hip ratios, and body mass index. <i>Evolution and Human Behavior</i> , 2015, 36, 480-488. | 2.2  | 23        |
| 44 | Genetic Basis of a Cognitive Complexity Metric. <i>PLoS ONE</i> , 2015, 10, e0123886.   | 2.5  | 22        |
| 45 | No association of candidate genes with cannabis use in a large sample of Australian twin families. <i>Addiction Biology</i> , 2012, 17, 687-690.  | 2.6  | 20        |
| 46 | Women's pathogen disgust predicting preference for facial masculinity may be specific to age and study design. <i>Evolution and Human Behavior</i> , 2015, 36, 249-255.   | 2.2  | 20        |
| 47 | Shared aetiology of risky sexual behaviour and adolescent misconduct: genetic and environmental influences. <i>Genes, Brain and Behavior</i> , 2009, 8, 107-113.  | 2.2  | 19        |
| 48 | Nineteen and Up study (19Up): understanding pathways to mental health disorders in young Australian twins. <i>BMJ Open</i> , 2018, 8, e018959.  | 1.9  | 19        |
| 49 | Twenty-Five and Up (25Up) Study: A New Wave of the Brisbane Longitudinal Twin Study. <i>Twin Research and Human Genetics</i> , 2019, 22, 154-163.   | 0.6  | 19        |
| 50 | HERITABILITY OF PREFERENCES FOR MULTIPLE CUES OF MATE QUALITY IN HUMANS. <i>Evolution; International Journal of Organic Evolution</i> , 2012, 66, 1762-1772.  | 2.3  | 18        |
| 51 | No genetic contribution to variation in human offspring sex ratio: a total population study of 4.7 million births. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2020, 287, 20192849.                        | 2.6  | 18        |
| 52 | No relationship between intelligence and facial attractiveness in a large, genetically informative sample. <i>Evolution and Human Behavior</i> , 2015, 36, 240-247.   | 2.2  | 17        |
| 53 | Sex Differences in Misperceptions of Sexual Interest Can Be Explained by Sociosexual Orientation and Men Projecting Their Own Interest Onto Women. <i>Psychological Science</i> , 2020, 31, 184-192.                            | 3.3  | 17        |
| 54 | Testing the mate-choice hypothesis of the female orgasm: disentangling traits and behaviours. <i>Socioaffective Neuroscience &amp; Psychology</i> , 2016, 6, 31562.   | 2.9  | 15        |

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|----|--|-----|-----------|
| 55 | Longitudinal Relationships Between Parents' and Children's Behavior Need Not Implicate the Influence of Parental Behavior and May Reflect Genetics: Comment on Waldinger and Schulz (2016). <i>Psychological Science</i> , 2018, 29, 154-157.                    | 3.3 | 15        |
| 56 | Associations between the <i>CADM2</i> gene, substance use, risky sexual behavior, and self-control: A phenome-wide association study. <i>Addiction Biology</i> , 2021, 26, e13015.   | 2.6 | 15        |
| 57 | Evidence for Genetic Variation in Human Mate Preferences for Sexually Dimorphic Physical Traits. <i>PLoS ONE</i> , 2012, 7, e49294.  | 2.5 | 12        |
| 58 | A high-powered replication study finds no effect of starting or stopping hormonal contraceptive use on relationship quality. <i>Evolution and Human Behavior</i> , 2018, 39, 373-379.  | 2.2 | 12        |
| 59 | Testing the extreme male brain hypothesis: Is autism spectrum disorder associated with a more male-typical brain?. <i>Autism Research</i> , 2021, 14, 1597-1608.   | 3.8 | 11        |
| 60 | FRACTAL ANALYSIS OF PYRAMIDAL CELLS IN THE VISUAL CORTEX OF THE GALAGO (OTOLEMUR GARNETTI): REGIONAL VARIATION IN DENDRITIC BRANCHING PATTERNS BETWEEN VISUAL AREAS. <i>Fractals</i> , 2005, 13, 83-90.  | 3.7 | 10        |
| 61 | Predicting Sensation Seeking From Dopamine Genes. <i>Psychological Science</i> , 2011, 22, 413-415.  | 3.3 | 10        |
| 62 | A test of the facultative calibration/reactive heritability model of extraversion. <i>Evolution and Human Behavior</i> , 2015, 36, 414-419.  | 2.2 | 10        |
| 63 | Are Sex Differences in Human Brain Structure Associated With Sex Differences in Behavior?. <i>Psychological Science</i> , 2021, 32, 1183-1197.   | 3.3 | 10        |
| 64 | Reasons for Caution About the Fraternal Birth Order Effect. <i>Archives of Sexual Behavior</i> , 2018, 47, 47-48.  | 1.9 | 9         |
| 65 | FRACTAL ANALYSIS AS A TOOL FOR STUDYING SPECIALIZATION IN NEURONAL STRUCTURE: THE STUDY OF THE EVOLUTION OF THE PRIMATE CEREBRAL CORTEX AND HUMAN INTELLECT. <i>International Journal of Modeling, Simulation, and Scientific Computing</i> , 2005, 08, 217-227. | 1.4 | 8         |
| 66 | Reported associations between receptor genes and human sociality are explained by methodological errors and do not replicate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E9185-E9186.                   | 7.1 | 8         |
| 67 | Facial Trustworthiness is Associated with Heritable Aspects of Face Shape. <i>Adaptive Human Behavior and Physiology</i> , 2017, 3, 351-364.   | 1.1 | 8         |
| 68 | The Kinsey scale is ill-suited to most sexuality research because it does not measure a single construct. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 27080-27080.                                       | 7.1 | 8         |
| 69 | For the good of evolutionary psychology, let's reunite proximate and ultimate explanations. <i>Evolution and Human Behavior</i> , 2021, 42, 76-78.   | 2.2 | 8         |
| 70 | Intelligence can be detected but is not found attractive in videos and live interactions. <i>Evolution and Human Behavior</i> , 2021, 42, 507-516.   | 2.2 | 8         |
| 71 | No Evidence for Social Genetic Effects or Genetic Similarity Among Friends Beyond that Due to Population Stratification: A Reappraisal of Domingue et al (2018). <i>Behavior Genetics</i> , 2020, 50, 67-71.   | 2.1 | 7         |
| 72 | Confusion in the science of evolution and orgasm: a reply to Wallen, Myers and Lloyd. <i>Animal Behaviour</i> , 2012, 84, e5-e7.   | 1.9 | 6         |

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|----|---|------|-----------|
| 73 | Testing the prediction from sexual selection of a positive genetic correlation between human mate preferences and corresponding traits. <i>Evolution and Human Behavior</i> , 2014, 35, 497-501.                          | 2.2  | 6         |
| 74 | Male and Female Nipples as a Test Case for the Assumption that Functional Features Vary Less than Nonfunctional Byproducts. <i>Adaptive Human Behavior and Physiology</i> , 2018, 4, 344-353.                             | 1.1  | 6         |
| 75 | Why are some people more jealous than others? Genetic and environmental factors. <i>Evolution and Human Behavior</i> , 2022, 43, 26-33.   | 2.2  | 6         |
| 76 | The Role of Genes and Environment in Degree of Partner Self-Similarity. <i>Behavior Genetics</i> , 2017, 47, 25-35.   | 2.1  | 5         |
| 77 | Preferences for Sexually Dimorphic Body Characteristics Revealed in a Large Sample of Speed Daters. <i>Social Psychological and Personality Science</i> , 2021, 12, 225-236.  | 3.9  | 5         |
| 78 | Response to Comment on "Large-scale GWAS reveals insights into the genetic architecture of same-sex sexual behavior". <i>Science</i> , 2021, 371, .   | 12.6 | 5         |
| 79 | An all-positive correlation matrix is not evidence of domain-general intelligence. <i>Behavioral and Brain Sciences</i> , 2017, 40, e197.   | 0.7  | 4         |
| 80 | Genome studies must account for history"Response. <i>Science</i> , 2019, 366, 1461-1462.  | 12.6 | 4         |
| 81 | The link between deprivation and its behavioural constellation is confounded by genetic factors. <i>Behavioral and Brain Sciences</i> , 2017, 40, e343.   | 0.7  | 3         |
| 82 | Assessing the accuracy of perceptions of intelligence based on heritable facial features. <i>Intelligence</i> , 2017, 64, 1-8.  | 3.0  | 3         |
| 83 | More Evidence and Context Are Needed to Evaluate the Possibility That Scent Perception Is Part of the Same-Sex Sexual Behavior Story. <i>Archives of Sexual Behavior</i> , 2021, 50, 2313-2315.                           | 1.9  | 3         |
| 84 | Is Prejudice Heritable? Evidence from Twin Studies. , 0, , 222-238.   |      | 2         |
| 85 | When theory cannot explain data, the theory needs rethinking. Invited replies to: Orzack SH, Hardy ICW. 2021, and Lehtonen J. 2021. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2021, 288, 20210304. | 2.6  | 2         |
| 86 | Relaxed selection and mutation accumulation are best studied empirically: reply to Woodley of Menie <i>et al</i> .. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180092.                 | 2.6  | 1         |
| 87 | Absolute and relative estimates of genetic and environmental variance in brain structure volumes. <i>Brain Structure and Function</i> , 2019, 224, 2805-2821.   | 2.3  | 1         |
| 88 | Nick Martin's Contributions to Human Sexuality Research. <i>Twin Research and Human Genetics</i> , 2020, 23, 116-117.   | 0.6  | 0         |
| 89 | Twin Studies. , 2021, , 8252-8255.  |      | 0         |
| 90 | Recessive Genes. , 2021, , 6491-6493.   |      | 0         |

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|----|---|----|-----------|
| 91 | Personality, Evolutionary Models of. , 2015, , 899-905. |    | 0         |
| 92 | Twin Studies. , 2016, , 1-3.                            |    | 0         |
| 93 | Recessive Genes. , 2016, , 1-3.                         |    | 0         |