## Daniel W Belsky

List of Publications by Year in descending order

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135 papers 14,331 citations

41323 49 h-index 23514 111 g-index

169 all docs

169
docs citations

169 times ranked 16436 citing authors

#	Article	IF	CITATIONS
1	A gradient of childhood self-control predicts health, wealth, and public safety. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 2693-2698.	3.3	3,429
2	The p Factor. Clinical Psychological Science, 2014, 2, 119-137.	2.4	1,805
3	Quantification of biological aging in young adults. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4104-10.	3.3	657
4	Lest we forget: comparing retrospective and prospective assessments of adverse childhood experiences in the prediction of adult health. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2016, 57, 1103-1112.	3.1	525
5	Is Adult ADHD a Childhood-Onset Neurodevelopmental Disorder? Evidence From a Four-Decade Longitudinal Cohort Study. American Journal of Psychiatry, 2015, 172, 967-977.	4.0	452
6	Social determinants of health and survival in humans and other animals. Science, 2020, 368, .	6.0	369
7	Quantification of the pace of biological aging in humans through a blood test, the DunedinPoAm DNA methylation algorithm. ELife, 2020, 9, .	2.8	268
8	Association of Childhood Blood Lead Levels With Cognitive Function and Socioeconomic Status at Age 38 Years and With IQ Change and Socioeconomic Mobility Between Childhood and Adulthood. JAMA - Journal of the American Medical Association, 2017, 317, 1244.	3.8	223
9	Bullying victimisation and risk of self harm in early adolescence: longitudinal cohort study. BMJ, The, 2012, 344, e2683-e2683.	3.0	221
10	Eleven Telomere, Epigenetic Clock, and Biomarker-Composite Quantifications of Biological Aging: Do They Measure the Same Thing?. American Journal of Epidemiology, 2018, 187, 1220-1230.	1.6	216
11	DunedinPACE, a DNA methylation biomarker of the pace of aging. ELife, 2022, 11, .	2.8	214
12	The Genetics of Success. Psychological Science, 2016, 27, 957-972.	1.8	205
13	Genetic analysis of social-class mobility in five longitudinal studies. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E7275-E7284.	3.3	204
14	Childhood forecasting of a small segment of the population with large economic burden. Nature Human Behaviour, 2017, $1$ , .	6.2	197
15	Characterizing genetic and environmental influences on variable DNA methylation using monozygotic and dizygotic twins. PLoS Genetics, 2018, 14, e1007544.	1.5	153
16	Brain-age in midlife is associated with accelerated biological aging and cognitive decline in a longitudinal birth cohort. Molecular Psychiatry, 2021, 26, 3829-3838.	4.1	151
17	Etiological features of borderline personality related characteristics in a birth cohort of 12-year-old children. Development and Psychopathology, 2012, 24, 251-265.	1.4	148
18	Investigating the genetic architecture of noncognitive skills using GWAS-by-subtraction. Nature Genetics, 2021, 53, 35-44.	9.4	145

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19	Longitudinal Incidence and Prevalence of Adverse Outcomes of Diabetes Mellitus in Elderly Patients. Archives of Internal Medicine, 2007, 167, 921.	4.3	136
20	The Longitudinal Study of Aging in Human Young Adults: Knowledge Gaps and Research Agenda. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 210-215.	1.7	135
21	Polygenic Influence on Educational Attainment. AERA Open, 2015, 1, 233285841559997.	1.3	132
22	Development and Evaluation of a Genetic Risk Score for Obesity. Biodemography and Social Biology, 2013, 59, 85-100.	0.4	131
23	Polygenic Risk and the Developmental Progression to Heavy, Persistent Smoking and Nicotine Dependence. JAMA Psychiatry, 2013, 70, 534.	6.0	130
24	Change in the Rate of Biological Aging in Response to Caloric Restriction: CALERIE Biobank Analysis. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 4-10.	1.7	119
25	Measuring Aging and Identifying Aging Phenotypes in Cancer Survivors. Journal of the National Cancer Institute, 2019, 111, 1245-1254.	3.0	119
26	Polygenic Risk, Rapid Childhood Growth, and the Development of Obesity. JAMA Pediatrics, 2012, 166, 515-21.	3.6	118
27	Analysis of DNA Methylation in Young People: Limited Evidence for an Association Between Victimization Stress and Epigenetic Variation in Blood. American Journal of Psychiatry, 2018, 175, 517-529.	4.0	114
28	Context and Sequelae of Food Insecurity in Children's Development. American Journal of Epidemiology, 2010, 172, 809-818.	1.6	111
29	Enduring mental health: Prevalence and prediction Journal of Abnormal Psychology, 2017, 126, 212-224.	2.0	104
30	Integrating Genetics and Social Science: Genetic Risk Scores. Biodemography and Social Biology, 2014, 60, 137-155.	0.4	100
31	Microvascular Abnormality in Schizophrenia as Shown by Retinal Imaging. American Journal of Psychiatry, 2013, 170, 1451-1459.	4.0	95
32	The social genome of friends and schoolmates in the National Longitudinal Study of Adolescent to Adult Health. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 702-707.	3.3	89
33	Impact of early personalâ€history characteristics on the Pace of Aging: implications for clinical trials of therapies to slow aging and extend healthspan. Aging Cell, 2017, 16, 644-651.	3.0	87
34	Assortative mating and differential fertility by phenotype and genotype across the 20th century. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 6647-6652.	3.3	82
35	Patterns of Reliability: Assessing the Reproducibility and Integrity of DNA Methylation Measurement. Patterns, 2020, 1, 100014.	3.1	78
36	Mortality selection in a genetic sample and implications for association studies. International Journal of Epidemiology, 2017, 46, 1285-1294.	0.9	77

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37	Polygenic risk and the development and course of asthma: an analysis of data from a four-decade longitudinal study. Lancet Respiratory Medicine, the, 2013, 1, 453-461.	5.2	76
38	Comparability of biological aging measures in the National Health and Nutrition Examination Study, 1999–2002. Psychoneuroendocrinology, 2019, 106, 171-178.	1.3	73
39	Translating personality psychology to help personalize preventive medicine for young adult patients Journal of Personality and Social Psychology, 2014, 106, 484-498.	2.6	72
40	LIFE-COURSE LONGITUDINAL STUDIES ARE NEEDED TO ADVANCE INTEGRATION OF GENOMICS AND SOCIAL EPIDEMIOLOGY. American Journal of Epidemiology, 2018, 187, 1337-1338.	1.6	70
41	Which adolescents develop persistent substance dependence in adulthood? Using population-representative longitudinal data to inform universal risk assessment. Psychological Medicine, 2016, 46, 877-889.	2.7	67
42	Cumulative childhood risk is associated with a new measure of chronic inflammation in adulthood. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2019, 60, 199-208.	3.1	64
43	Longitudinal Rates of Postoperative Adverse Outcomes after Glaucoma Surgery Among Medicare Beneficiaries. Ophthalmology, 2008, 115, 1109-1116.e7.	2.5	63
44	Genetics and Crime: Integrating New Genomic Discoveries Into Psychological Research About Antisocial Behavior. Psychological Science, 2018, 29, 791-803.	1.8	63
45	Resource profile and user guide of the Polygenic Index Repository. Nature Human Behaviour, 2021, 5, 1744-1758.	6.2	63
46	Trends in Cost of Major Eye Diseases to Medicare, 1991 to 2000. American Journal of Ophthalmology, 2006, 142, 976-982.e4.	1.7	61
47	Socioeconomic Disadvantage and the Pace of Biological Aging in Children. Pediatrics, 2021, 147, .	1.0	59
48	Healthy ageing: the natural consequences of good nutritionâ€"a conference report. European Journal of Nutrition, 2018, 57, 15-34.	1.8	58
49	A toolkit for quantification of biological age from blood chemistry and organ function test data: BioAge. GeroScience, 2021, 43, 2795-2808.	2.1	58
50	Genetics in Population Health Science: Strategies and Opportunities. American Journal of Public Health, 2013, 103, S73-S83.	1.5	57
51	Using DNA From Mothers and Children to Study Parental Investment in Children's Educational Attainment. Child Development, 2020, 91, 1745-1761.	1.7	55
52	Is Obesity Associated With a Decline in Intelligence Quotient During the First Half of the Life Course?. American Journal of Epidemiology, 2013, 178, 1461-1468.	1.6	54
53	Cardiorespiratory fitness and cognitive function in midlife: Neuroprotection or neuroselection?. Annals of Neurology, 2015, 77, 607-617.	2.8	54
54	Perinatal Complications and Aging Indicators by Midlife. Pediatrics, 2014, 134, e1315-e1323.	1.0	53

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55	Genetic associations with mathematics tracking and persistence in secondary school. Npj Science of Learning, 2020, 5, 1.	1.5	53
56	Polygenic Risk Predicts Obesity in Both White and Black Young Adults. PLoS ONE, 2014, 9, e101596.	1.1	52
57	Is Chronic Asthma Associated with Shorter Leukocyte Telomere Length at Midlife?. American Journal of Respiratory and Critical Care Medicine, 2014, 190, 384-391.	2.5	52
58	Establishing a generalized polyepigenetic biomarker for tobacco smoking. Translational Psychiatry, 2019, 9, 92.	2.4	51
59	Genetics of nurture: A test of the hypothesis that parents' genetics predict their observed caregiving Developmental Psychology, 2019, 55, 1461-1472.	1.2	51
60	Schools as Moderators of Genetic Associations with Life Course Attainments: Evidence from the WLS and Add Health. Sociological Science, 2018, 5, 513-540.	2.0	51
61	Phenotypic Annotation: Using Polygenic Scores to Translate Discoveries From Genome-Wide Association Studies From the Top Down. Current Directions in Psychological Science, 2019, 28, 82-90.	2.8	49
62	Genetics and the geography of health, behaviour and attainment. Nature Human Behaviour, 2019, 3, 576-586.	6.2	47
63	Longitudinal Differences in Alcohol Use in Early Adulthood. Journal of Studies on Alcohol and Drugs, 2007, 68, 727-737.	0.6	44
64	Association of Blood Chemistry Quantifications of Biological Aging With Disability and Mortality in Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1671-1679.	1.7	43
65	Can Genetics Predict Response to Complex Behavioral Interventions? Evidence from a Genetic Analysis of the Fast Track Randomized Control Trial. Journal of Policy Analysis and Management, 2015, 34, 497-518.	1.1	42
66	Borderline Symptoms at Age 12 Signal Risk for Poor Outcomes During the Transition to Adulthood: Findings From a Genetically Sensitive Longitudinal Cohort Study. Journal of the American Academy of Child and Adolescent Psychiatry, 2020, 59, 1165-1177.e2.	0.3	41
67	Childhood Bullying Victimization and Overweight in Young Adulthood: A Cohort Study. Psychosomatic Medicine, 2016, 78, 1094-1103.	1.3	39
68	Associations of Loneliness and Social Isolation With Health Span and Life Span in the U.S. Health and Retirement Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 1997-2006.	1.7	39
69	Changes in Incidence of Diabetes Mellitus–Related Eye Disease Among US Elderly Persons, 1994-2005. JAMA Ophthalmology, 2008, 126, 1548.	2.6	38
70	Life-course trajectories of body mass index from adolescence to old age: Racial and educational disparities. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118,	3.3	38
71	Genetic Heterogeneity in Depressive Symptoms Following the Death of a Spouse: Polygenic Score Analysis of the U.S. Health and Retirement Study. American Journal of Psychiatry, 2017, 174, 963-970.	4.0	37
72	Residential neighborhood greenery and children's cognitive development. Social Science and Medicine, 2019, 230, 271-279.	1.8	37

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73	Prospective developmental subtypes of alcohol dependence from age 18 to 32 years: Implications for nosology, etiology, and intervention. Development and Psychopathology, 2013, 25, 785-800.	1.4	36
74	Credit scores, cardiovascular disease risk, and human capital. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 17087-17092.	3.3	36
75	A Polygenic Score for Higher Educational Attainment is Associated with Larger Brains. Cerebral Cortex, 2019, 29, 3496-3504.	1.6	36
76	Polygenic Risk, Appetite Traits, and Weight Gain in Middle Childhood. JAMA Pediatrics, 2016, 170, e154472.	3.3	35
77	Integrating DNA Methylation Measures of Biological Aging into Social Determinants of Health Research. Current Environmental Health Reports, 2022, 9, 196-210.	3.2	35
78	Testing Black-White Disparities in Biological Aging Among Older Adults in the United States: Analysis of DNA-Methylation and Blood-Chemistry Methods. American Journal of Epidemiology, 2022, 191, 613-625.	1.6	32
79	Leptin deficiency in maltreated children. Translational Psychiatry, 2014, 4, e446-e446.	2.4	30
80	The social genome: Current findings and implications for the study of human genetics. PLoS Genetics, 2017, 13, e1006615.	1.5	29
81	Father Absence and Accelerated Reproductive Development in Non-Hispanic White Women in the United States. Demography, 2018, 55, 1245-1267.	1.2	28
82	Polygenic Risk and the Course of Attention-Deficit/Hyperactivity Disorder From Childhood to Young Adulthood: Findings From a Nationally Representative Cohort. Journal of the American Academy of Child and Adolescent Psychiatry, 2021, 60, 1147-1156.	0.3	28
83	Early-Life Intelligence Predicts Midlife Biological Age. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2016, 71, 968-977.	2.4	27
84	Translating Measures of Biological Aging to Test Effectiveness of Geroprotective Interventions: What Can We Learn from Research on Telomeres?. Frontiers in Genetics, 2017, 8, 164.	1.1	27
85	Developmental mediation of genetic variation in response to the Fast Track prevention program. Development and Psychopathology, 2015, 27, 81-95.	1.4	22
86	Developments in molecular epidemiology of aging. Emerging Topics in Life Sciences, 2019, 3, 411-421.	1.1	19
87	Short-Term Mental Health Sequelae of Bereavement Predict Long-Term Physical Health Decline in Older Adults: U.S. Health and Retirement Study Analysis. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2021, 76, 1231-1240.	2.4	19
88	Medicare Costs and Surgeon Supply in Hospital Service Areas. Annals of Surgery, 2012, 255, 474-477.	2.1	18
89	Is low cognitive functioning a predictor or consequence of major depressive disorder? A test in two longitudinal birth cohorts. Development and Psychopathology, 2017, , 1-15.	1.4	18
90	A review of the biomedical innovations for healthy longevity. Aging, 2017, 9, 7-25.	1.4	18

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91	The potential to predict the course of childhood asthma. Expert Review of Respiratory Medicine, 2014, 8, 137-141.	1.0	16
92	Mother's and children's <scp>ADHD</scp> genetic risk, household chaos and children's <scp>ADHD</scp> symptoms: A gene–environment correlation study. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2022, 63, 1153-1163.	3.1	16
93	Comparing Biological Age Estimates Using Domain-Specific Measures From the Canadian Longitudinal Study on Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, 76, 187-194.	1.7	14
94	Associations of Adverse Childhood Experiences with Frailty in Older Adults: A Cross-Sectional Analysis of Data from the Canadian Longitudinal Study on Aging. Gerontology, 2022, 68, 1091-1100.	1.4	14
95	Associations Between Life-Course Socioeconomic Conditions and the Pace of Aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2022, 77, 2257-2264.	1.7	14
96	Heavy drinking in early adulthood and outcomes at mid life. Journal of Epidemiology and Community Health, 2011, 65, 600-605.	2.0	13
97	Reply to Newman: Quantification of biological aging in young adults is not the same thing as the onset of obesity. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E7164-E7165.	<b>3.</b> 3	12
98	An exposomic framework to uncover environmental drivers of aging. Exposome, 2022, 2, osac002.	1.2	12
99	Testing Proposed Quantifications of Biological Aging in Taiwanese Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 1680-1685.	1.7	11
100	Appetite for Prevention. JAMA Pediatrics, 2014, 168, 309.	<b>3.</b> 3	10
101	Social mobility and biological aging among older adults in the United States. , 2022, 1, .		10
102	Association of facial ageing with DNA methylation and epigenetic age predictions. Clinical Epigenetics, 2018, 10, 140.	1.8	9
103	The propensity for aggressive behavior and lifetime incarceration risk: A test for gene-environment interaction (Gâ€-×â€-E) using whole-genome data. Aggression and Violent Behavior, 2019, 49, 101307.	1.2	9
104	Associations between exposure to adverse childhood experiences and biological aging: Evidence from the Canadian Longitudinal Study on Aging. Psychoneuroendocrinology, 2022, 142, 105821.	1.3	9
105	Gene-environment interaction research in psychiatric epidemiology: a framework and implications for study design. Social Psychiatry and Psychiatric Epidemiology, 2014, 49, 1525-1529.	1.6	8
106	Invited Commentary: Integrating Genomics and Social Epidemiologyâ€"Analysis of Late-Life Low Socioeconomic Status and the Conserved Transcriptional Response to Adversity. American Journal of Epidemiology, 2017, 186, 510-513.	1.6	7
107	Racial disparities in diabetes a century ago: Evidence from the pension files of US Civil War veterans. Social Science and Medicine, 2007, 64, 1766-1775.	1.8	6
108	Critical Periods in Child Development and the Transition to Adulthood. JAMA Network Open, 2021, 4, e2033359.	2.8	6

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109	Unite to predict. ELife, 2021, 10, .	2.8	5
110	Invited Commentary: Lessons for Research on Cognitive Aging From a Study of Children. American Journal of Epidemiology, 2016, 183, 1083-1085.	1.6	4
111	Determining the Optimal Outcome Measures for Studying the Social Determinants of Health. International Journal of Environmental Research and Public Health, 2020, 17, 3028.	1.2	4
112	Prevalence of Major Eye Diseases Among US Civil War Veterans, 1890-1910. JAMA Ophthalmology, 2008, 126, 246.	2.6	3
113	Swedish Register Analysis of Divorce and Alcohol Use Disorder Highlights Social Relationships as a Target for Preventive Psychiatry and Genetic Research. American Journal of Psychiatry, 2017, 174, 411-413.	4.0	3
114	Genetic variation in dopamine neurotransmission and motor development of infants born extremely″owâ€birthweight. Developmental Medicine and Child Neurology, 2020, 62, 750-757.	1.1	3
115	A polygenic score for ageâ€atâ€firstâ€birth predicts disinhibition. Journal of Child Psychology and Psychiatry and Allied Disciplines, 2020, 61, 1349-1359.	3.1	3
116	Association between the FTO rs9939609 single nucleotide polymorphism and dietary adherence during a 2-year caloric restriction intervention: Exploratory analyses from CALERIEâ,, phase 2. Experimental Gerontology, 2021, 155, 111555.	1.2	3
117	Is your environment making you older? Molecular biomarkers and new approaches to investigate the influences of environmental chemicals through aging. Medicina Del Lavoro, 2021, 112, 8-14.	0.3	3
118	Occupational cognitive stimulation, socioeconomic status, and cognitive functioning in young adulthood. SSM - Population Health, 2022, 17, 101024.	1.3	3
119	Age Profiles of Cognitive Decline and Dementia in Late Life in the Aging, Demographics, and Memory Study. Journals of Gerontology - Series B Psychological Sciences and Social Sciences, 2022, 77, 1880-1891.	2.4	3
120	Translating Polygenic Analysis for Prevention. Circulation: Cardiovascular Genetics, 2017, 10, .	5.1	2
121	To the freezers! Stored biospecimens from human randomized trials are an important new direction for studies of biological aging. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 89-90.	1.7	2
122	Vital personality scores and healthy aging: Life-course associations and familial transmission. Social Science and Medicine, 2021, 285, 114283.	1.8	2
123	Sex Differences in the Association between Metabolic Dysregulation and Cognitive Aging: The Health and Retirement Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	1.7	2
124	Social Relationships, Wealth, and Cardiometabolic Risk: Evidence from a National Longitudinal Study of U.S. Older Adults. Journal of Aging and Health, 2022, 34, 1048-1061.	0.9	2
125	QUANTIFICATIONS OF BIOLOGICAL AGING PREDICT DISABILITY AND MORTALITY IN OLDER ADULTS IN THE DUKE EPESE. Innovation in Aging, 2019, 3, S90-S90.	0.0	1
126	<i>In Reply</i> . Pediatrics, 2010, 125, e1267-e1268.	1.0	0

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127	INTEREST GROUP SESSION—EPIDEMIOLOGY OF AGING: BIOSOCIAL RESEARCH ON BRAIN AGING AND BIOLOGICAL AGING. Innovation in Aging, 2019, 3, S348-S348.	0.0	0
128	REVERSE TRANSLATION OF HUMAN BIO-AGING MEASURES TO CYNOMOLGUS MONKEYS TO TEST ASSOCIATIONS WITH DOMINANCE RANK. Innovation in Aging, 2019, 3, S349-S349.	0.0	0
129	TESTING HEALTH DISPARITIES IN COGNITIVE AND BIOLOGICAL AGING IN OLDER ADULTS IN THE UNITED STATES. Innovation in Aging, 2019, 3, S427-S427.	0.0	0
130	COMPARABILITY OF BIOLOGICAL AGING MEASURES IN THE NATIONAL HEALTH AND NUTRITION EXAMINATION STUDY, 1999-2002. Innovation in Aging, 2019, 3, S479-S479.	0.0	0
131	A MEDITERRANEAN DIET INTERVENTION ALTERS AGE-ASSOCIATED PHYSIOLOGY IN A NOVEL NON-HUMAN PRIMATE MODEL. Innovation in Aging, 2019, 3, S68-S68.	0.0	0
132	IS SELF-RATED HEALTH A WINDOW ONTO THE BIOLOGY OF HEALTH AND AGING?. Innovation in Aging, 2019, 3, S349-S349.	0.0	0
133	Comparability of biological aging measures in the National Health and Nutrition Examination Survey, 1999–2002. Psychoneuroendocrinology, 2019, 107, 75.	1.3	0
134	Association of Loneliness and Social Isolation With Healthspan and Lifespan in the U.S. Health and Retirement Study. Innovation in Aging, 2020, 4, 166-166.	0.0	0
135	Integrative Analysis of Molecular and Physiological Data to Quantify Biological Aging. Innovation in Aging, 2021, 5, 32-32.	0.0	0