

How Much Does Education Improve Intelligence? A Meta-Analysis

Psychological Science

29, 1358-1369

DOI: [10.1177/0956797618774253](https://doi.org/10.1177/0956797618774253)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Neurobehavioral correlates of obesity are largely heritable. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 9312-9317.	3.3	105
3	Accounting for the shared environment in cognitive abilities and academic achievement with measured socioecological contexts. Developmental Science, 2019, 22, e12699.	1.3	42
5	P-curving the fusiform face area: Meta-analyses support the expertise hypothesis. Neuroscience and Biobehavioral Reviews, 2019, 104, 209-221.	2.9	31
6	The development of creativity in Chilean kindergarten and school children / Desarrollo de la creatividad en párvulos y escolares chilenos. Estudios De Psicología, 2019, 40, 608-634.	0.1	2
7	Does working memory training enhance intelligence?. Shinrigaku Kenkyu, 2019, 90, 308-326.	0.1	3
8	Decomposing the influence of mental processes on academic performance. Intelligence, 2019, 77, 101404.	1.6	14
9	Pathways from childhood sexual abuse to trait anxiety. Child Abuse and Neglect, 2019, 97, 104148.	1.3	7
10	Influence of young adult cognitive ability and additional education on later-life cognition. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 2021-2026.	3.3	100
11	The influence of familial factors on the association between IQ and educational and occupational achievement: A sibling approach. Personality and Individual Differences, 2019, 149, 100-107.	1.6	9
12	The cognitive and academic benefits of Cogmed: A meta-analysis. Educational Research Review, 2019, 27, 229-243.	4.1	57
13	APOE effects on cognition from childhood to adolescence. Neurobiology of Aging, 2019, 84, 239.e1-239.e8.	1.5	14
14	Who Gets Served in Gifted Education? Demographic Representation and a Call for Action. Gifted Child Quarterly, 2019, 63, 273-287.	1.2	77
15	The Prefrontal Cortex and Obesity: A Health Neuroscience Perspective. Trends in Cognitive Sciences, 2019, 23, 349-361.	4.0	198
16	Do Well-off Families Compensate for Low Cognitive Ability? Evidence on Social Inequality in Early Schooling from a Twin Study. Sociology of Education, 2019, 92, 150-175.	1.7	15
17	A Conversation with Heiner Rindermann. Man and the Economy, 2019, 6, .	0.1	0
19	Developing Intelligence through Instruction. , 2019, , 205-238.		0
20	The Development of Cumulative Cultural Learning. Annual Review of Developmental Psychology, 2019, 1, 119-147.	1.4	31
21	Cognitive Aging and Dementia: A Life-Span Perspective. Annual Review of Developmental Psychology, 2019, 1, 177-196.	1.4	94

#	ARTICLE	IF	CITATIONS
22	A Polygenic Score for Higher Educational Attainment is Associated with Larger Brains. <i>Cerebral Cortex</i> , 2019, 29, 3496-3504.	1.6	36
23	Cognitive Training Does Not Enhance General Cognition. <i>Trends in Cognitive Sciences</i> , 2019, 23, 9-20.	4.0	159
24	Polygenic predictors of age-related decline in cognitive ability. <i>Molecular Psychiatry</i> , 2020, 25, 2584-2598.	4.1	38
25	Easy as (Happiness) Pie? A Critical Evaluation of a Popular Model of the Determinants of Well-Being. <i>Journal of Happiness Studies</i> , 2020, 21, 1285-1301.	1.9	19
26	Are Social Media Ruining Our Lives? A Review of Meta-Analytic Evidence. <i>Review of General Psychology</i> , 2020, 24, 60-74.	2.1	113
27	Adolescent boys' physical fighting and adult life outcomes: Examining the interplay with intelligence. <i>Aggressive Behavior</i> , 2020, 46, 72-83.	1.5	5
28	Cognitive reserve attenuates age-related cognitive decline in the context of putatively accelerated brain ageing in schizophrenia-spectrum disorders. <i>Psychological Medicine</i> , 2020, 50, 1475-1489.	2.7	12
29	A Hierarchical Watershed Model of Fluid Intelligence in Childhood and Adolescence. <i>Cerebral Cortex</i> , 2020, 30, 339-352.	1.6	46
30	Education and age-related decline in cognitive performance: Systematic review and meta-analysis of longitudinal cohort studies. <i>Ageing Research Reviews</i> , 2020, 58, 101005.	5.0	81
31	Viewing Education Policy through a Genetic Lens. <i>Journal of School Choice</i> , 2020, 14, 301-315.	0.6	10
32	Lifecourse epidemiology matures: Commentary on Zhang et al. "Early-life socioeconomic status, adolescent cognitive ability, and cognition in late midlife". <i>Social Science and Medicine</i> , 2020, 244, 112645.	1.8	8
33	Why Intelligence Is Missing from American Education Policy and Practice, and What Can Be Done About It. <i>Journal of Intelligence</i> , 2020, 8, 2.	1.3	18
34	Vices of Other Minds. <i>Ethical Theory and Moral Practice</i> , 2020, 23, 875-879.	0.4	4
35	The influence of educational attainment on intelligence. <i>Intelligence</i> , 2020, 78, 101419.	1.6	19
36	Persistence and Fade-Out of Educational-Intervention Effects: Mechanisms and Potential Solutions. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2020, 21, 55-97.	6.7	95
37	Selfhood and Self-Construal. , 2020, , 179-189.		0
38	Cultural Influences on Body Image and Body Esteem. , 2020, , 190-204.		3
39	Commentary: Mendelian randomization and education "Challenges remain. <i>International Journal of Epidemiology</i> , 2020, 49, 1193-1206.	0.9	11

#	ARTICLE	IF	CITATIONS
40	Does smoking cause lower educational attainment and general cognitive ability? Triangulation of causal evidence using multiple study designs. <i>Psychological Medicine</i> , 2022, 52, 1578-1586.	2.7	10
41	Time and class: How socioeconomic status shapes conceptions of the future self. <i>Self and Identity</i> , 2020, , 1-21.	1.0	4
42	A Meta-Analysis of the Relationship Between Emotional Intelligence and Academic Performance in Secondary Education: A Multi-Stream Comparison. <i>Frontiers in Psychology</i> , 2020, 11, 1517.	1.1	53
43	<i>Feminist Theory and Methodologies.</i> , 2020, , 14-26.		1
44	Hidden talents in harsh environments. <i>Development and Psychopathology</i> , 2022, 34, 95-113.	1.4	111
45	<i>Sex, Gender, and Sexuality.</i> , 2020, , 37-51.		0
46	Education and adolescent cognitive ability as predictors of dementia in a cohort of Danish men. <i>PLoS ONE</i> , 2020, 15, e0235781.	1.1	6
47	Does Blindness Boost Working Memory? A Natural Experiment and Cross-Cultural Study. <i>Frontiers in Psychology</i> , 2020, 11, 1571.	1.1	6
48	Cognitive and academic benefits of music training with children: A multilevel meta-analysis. <i>Memory and Cognition</i> , 2020, 48, 1429-1441.	0.9	88
49	The efficacy, ethics, & pitfalls of stimulants for justice system involved individuals. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 116, 120-129.	2.9	2
50	ECLECTIC 4.0: the new learning model for business schools. <i>Higher Education, Skills and Work-based Learning</i> , 2020, 10, 581-590.	0.9	2
51	Education and Cognitive Functioning Across the Life Span. <i>Psychological Science in the Public Interest: A Journal of the American Psychological Society</i> , 2020, 21, 6-41.	6.7	397
52	<i>The Impact of Gender and Culture in Consumer Behavior.</i> , 2020, , 244-257.		0
53	Neuropsychological outcome after cardiac arrest: a prospective case control sub-study of the Targeted hypothermia versus targeted normothermia after out-of-hospital cardiac arrest trial (TTM2). <i>BMC Cardiovascular Disorders</i> , 2020, 20, 439.	0.7	5
55	<i>International and Intersectional Perspectives on the Psychology of Women.</i> , 2020, , 3-13.		0
56	The Cognitive Element Model of Reading Instruction. <i>Reading Research Quarterly</i> , 2020, 55, S77.	1.8	21
57	How Reliably Can We Measure a Child's True IQ? Socio-Economic Status Can Explain Most of the Inter-Ethnic Differences in General Non-verbal Abilities. <i>Frontiers in Psychology</i> , 2020, 11, 2000.	1.1	4
58	Robust inference in risk elicitation tasks. <i>Journal of Risk and Uncertainty</i> , 2020, 61, 195-209.	0.8	17

#	ARTICLE	IF	CITATIONS
59	We Can Boost IQ: Revisiting Kvashchev's Experiment. <i>Journal of Intelligence</i> , 2020, 8, 41.	1.3	4
60	Sex/Gender Differences in the Brain and their Relationship to Behavior. , 2020, , 63-80.		3
61	Career Development of Women. , 2020, , 275-288.		0
62	Occupational Health Psychology and Women in Asian Contexts. , 2020, , 317-328.		0
63	Happiness across Cultures and Genders. , 2020, , 451-458.		0
64	Physical Health. , 2020, , 483-496.		0
65	Identification of Modifiable Social and Behavioral Factors Associated With Childhood Cognitive Performance. <i>JAMA Pediatrics</i> , 2020, 174, 1063.	3.3	31
67	Gender and Adolescent Development across Cultures. , 2020, , 96-109.		0
68	Fertility, Childbirth, and Parenting. , 2020, , 110-123.		3
70	At the Crossroads of Women's Experience. , 2020, , 153-166.		1
71	Gender and Personality Research in Psychology. , 2020, , 167-178.		2
72	Evolutionary Roots of Women's Aggression. , 2020, , 258-272.		2
73	Women's Leadership across Cultures. , 2020, , 300-316.		0
74	Contextualizing the Many Faces of Domestic Violence. , 2020, , 355-372.		0
76	Girls, Boys, and Schools. , 2020, , 375-389.		1
77	Understanding Women's Antisocial and Criminal Behavior. , 2020, , 402-416.		0
78	Sexual Assault. , 2020, , 417-433.		2
79	Intercultural Relationships, Migrant Women, and Intersection of Identities. , 2020, , 434-448.		1

#	ARTICLE	IF	CITATIONS
80	Women under Pressure. , 2020, , 459-471.		0
81	Gender and Womenâ€™s Sexual and Reproductive Health. , 2020, , 472-482.		0
82	Women and Suicidal Behavior. , 2020, , 497-513.		6
83	Sex and Gender in Psychopathology. , 2020, , 514-525.		0
84	Women and Psychotherapy. , 2020, , 526-540.		0
86	Parting Thoughts. , 2020, , 543-546.		0
88	Sex Differences on the Brain. , 2020, , 52-62.		0
89	The Not So Subtle and Status Quo Maintaining Nature of Everyday Sexism. , 2020, , 205-220.		6
91	Workâ€™Family Interface and Crossover Effects. , 2020, , 329-341.		0
92	Intimate Relationships. , 2020, , 342-354.		0
94	The Contents and Discontents of the Natureâ€™Nurture Debate. , 2020, , 27-36.		0
95	Sex Differences in Early Life. , 2020, , 83-95.		9
96	Three Ways that Aging Affects Women Differently from Men. , 2020, , 124-136.		0
97	Sex, Gender, and Intelligence. , 2020, , 139-152.		1
98	The Psychology of Women in Entrepreneurship. , 2020, , 289-299.		0
99	The Good Country Index, Cognitive Ability and Culture. Comparative Sociology, 2020, 19, 39-68.	0.4	5
100	A Gendered Light on Empathy, Prosocial Behavior, and Forgiveness. , 2020, , 221-243.		0
101	Understanding Gender Inequality in Poverty and Social Exclusion through a Psychological Lens. , 2020, , 390-401.		0

#	ARTICLE	IF	CITATIONS
103	No decline in the principle-based thought of 9-year-old schoolchildren between 1991 and 2001. <i>Intelligence</i> , 2020, 80, 101455.	1.6	1
104	Child Sexual Abuse and Suicidal Ideation: The Differential Role of Attachment and Emotional Security in the Family System. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3163.	1.2	8
105	p-value Problems? An Examination of Evidential Value in Criminology. <i>Journal of Quantitative Criminology</i> , 2020, 36, 305-328.	2.0	3
106	Contributions of Modifiable Risk Factors to Dementia Incidence: A Bayesian Network Analysis. <i>Journal of the American Medical Directors Association</i> , 2020, 21, 1592-1599.e13.	1.2	26
108	Acute increases in brain-derived neurotrophic factor in plasma following physical exercise relates to subsequent learning in older adults. <i>Scientific Reports</i> , 2020, 10, 4395.	1.6	47
109	Talent Development in Achievement Domains: A Psychological Framework for Within- and Cross-Domain Research. <i>Perspectives on Psychological Science</i> , 2020, 15, 691-722.	5.2	48
110	Beliefs About Human Intelligence in a Sample of Teachers and Nonteachers. <i>Journal for the Education of the Gifted</i> , 2020, 43, 143-166.	0.5	9
111	Cognitive Training: How Evidence, Controversies, and Challenges Inform Education Policy. <i>Policy Insights From the Behavioral and Brain Sciences</i> , 2020, 7, 80-86.	1.4	14
112	The role of cross-disciplinary education, training, and workforce development at the intersection of transportation and health. , 2020, , 423-450.		2
113	Association of Early-Life Cognitive Enrichment With Alzheimer Disease Pathological Changes and Cognitive Decline. <i>JAMA Neurology</i> , 2020, 77, 1217.	4.5	47
114	The need to consider the predictive capacity of intelligence and its malleability within design and technology education research. <i>International Journal of Technology and Design Education</i> , 2022, 32, 1-15.	1.7	2
115	How Does Education Hone Reasoning Ability?. <i>Current Directions in Psychological Science</i> , 2020, 29, 167-173.	2.8	8
116	The Development of Academic Achievement and Cognitive Abilities: A Bidirectional Perspective. <i>Child Development Perspectives</i> , 2020, 14, 15-20.	2.1	181
117	Mind-wandering and sleepiness in adults with attention-deficit/hyperactivity disorder. <i>Psychiatry Research</i> , 2020, 287, 112901.	1.7	7
118	Smart teachers, successful students? A systematic review of the literature on teachers' cognitive abilities and teacher effectiveness. <i>Educational Research Review</i> , 2020, 30, 100312.	4.1	53
119	The Association Between Spousal Education and Cognitive Ability Among Older Mexican Adults. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 2020, 75, e129-e140.	2.4	13
120	Cognitive ability and education: How behavioural genetic research has advanced our knowledge and understanding of their association. <i>Neuroscience and Biobehavioral Reviews</i> , 2020, 111, 229-245.	2.9	44
121	Differences and secular trends in childhood IQ trajectories in Guatemala City. <i>Intelligence</i> , 2020, 80, 101438.	1.6	1

#	ARTICLE	IF	CITATIONS
122	MRI-based biomarkers of accelerated aging and dementia risk in midlife: how close are we?. Ageing Research Reviews, 2020, 61, 101075.	5.0	24
123	Assessment of the Role of IQ in Associations Between Population Density and Deprivation and Nonaffective Psychosis. JAMA Psychiatry, 2020, 77, 729.	6.0	18
124	Higher maternal plasma β -cryptoxanthin concentration is associated with better cognitive and motor development in offspring at 24 years of age. European Journal of Nutrition, 2021, 60, 703-714.	1.8	10
125	Physical activity and cognitive function: between-person and within-person associations and moderators. Aging, Neuropsychology, and Cognition, 2021, 28, 392-417.	0.7	13
126	Human capital versus signaling is empirically unresolvable. Empirical Economics, 2021, 60, 2499-2531.	1.5	7
127	Psychological interventions to improve sleep in college students: A meta-analysis of randomized controlled trials. Journal of Sleep Research, 2021, 30, e13097.	1.7	20
128	Acalculia in Aphasia. Archives of Clinical Neuropsychology, 2021, 36, 455-464.	0.3	2
129	Does Prolonged Education Causally Affect Dementia Risk When Adult Socioeconomic Status Is Not Altered? A Swedish Natural Experiment in 1.3 Million Individuals. American Journal of Epidemiology, 2021, 190, 817-826.	1.6	20
130	The Moderating Influence of School Achievement on Intelligence in Young Adulthood. Behavior Genetics, 2021, 51, 45-57.	1.4	2
131	Only some attempts at meaning making are successful: The role of change-relatedness and positive implications for the self. Journal of Personality, 2021, 89, 175-187.	1.8	11
132	Bidirectional associations between word memory and one-legged balance performance in mid and later life. Experimental Gerontology, 2021, 144, 111176.	1.2	4
133	Episodic Memory and Verbal Fluency Tasks: Normative Data from Nine Nationally Representative Samples. Journal of the International Neuropsychological Society, 2021, 27, 89-98.	1.2	11
134	Associations of maternal zinc and magnesium with offspring learning abilities and cognitive development at 4 years in GUSTO. Nutritional Neuroscience, 2021, 24, 467-476.	1.5	11
136	THE IMPACT OF INTELLIGENCE ON ECONOMIC AND FINANCIAL CRIME: A CROSS-COUNTRY STUDY. Singapore Economic Review, 0, , 1-34.	0.9	5
137	Lower amygdala fatty acid amide hydrolase in violent offenders with antisocial personality disorder: an $[^{11}C]CURB$ positron emission tomography study. Translational Psychiatry, 2021, 11, 57.	2.4	13
138	The thousand-question Spanish general knowledge database. Psicologica, 2021, 42, 109-119.	0.5	4
139	Successful Learning Environments Support and Harness Students' Identity-based Motivation: A Primer. Journal of Experimental Education, 2021, 89, 508-522.	1.6	9
140	Investigating the genetic architecture of noncognitive skills using GWAS-by-subtraction. Nature Genetics, 2021, 53, 35-44.	9.4	145

#	ARTICLE	IF	CITATIONS
141	Cultural Bias in Intelligence Assessment Using a Culture-Free Test in Moroccan Children. Archives of Clinical Neuropsychology, 2021, , .	0.3	9
142	Genetic variation, brain, and intelligence differences. Molecular Psychiatry, 2022, 27, 335-353.	4.1	57
143	Opportunities for enhancing brain health across the lifespan. BJ Psych Advances, 2022, 28, 102-111.	0.5	2
144	Who Supports Polish Educational Reforms? Exploring Actors's™ and Observers's™ Attitudes. Education Sciences, 2021, 11, 120.	1.4	3
145	Relationships Between Enriching Early-Life Experiences and Cognitive Function Later in Life Are Mediated by Educational Attainment. Journal of Cognitive Enhancement: Towards the Integration of Theory and Practice, 2021, 5, 449-458.	0.8	8
146	Individual difference predictors of learning and generalization in perceptual learning. Attention, Perception, and Psychophysics, 2021, 83, 2241-2255.	0.7	17
147	PRISMA 2020 explanation and elaboration: updated guidance and exemplars for reporting systematic reviews. BMJ, The, 2021, 372, n160.	3.0	3,413
148	The Challenges of Achieving Equity Within Public School Gifted and Talented Programs. Gifted Child Quarterly, 2022, 66, 82-94.	1.2	73
149	The COVID-19 Cost of School Closures in Earnings and Income across the World. Comparative Education Review, 0, , 000-000.	0.6	58
150	Environmental influences on the pace of brain development. Nature Reviews Neuroscience, 2021, 22, 372-384.	4.9	201
151	Intelligence, health and death. Nature Human Behaviour, 2021, 5, 416-430.	6.2	48
153	Cultural evolution of genetic heritability. Behavioral and Brain Sciences, 2022, 45, 1-147.	0.4	26
154	The neurocognitive correlates of brain entropy estimated by resting state fMRI. NeuroImage, 2021, 232, 117893.	2.1	21
155	Implications of Biological Research on Intelligence for Education and Public Policy. , 2021, , 399-415.		0
156	How Intelligence Research Can Inform Education and Public Policy. , 2021, , 434-447.		3
157	Swedish Normative Data for Mindmore: A Comprehensive Cognitive Screening Battery, Both Digital and Self-Administrated. Journal of the International Neuropsychological Society, 2022, 28, 188-202.	1.2	8
158	Change by challenge: A common genetic basis behind childhood cognitive development and cognitive training. Npj Science of Learning, 2021, 6, 16.	1.5	5
159	Contribution of IQ in young adulthood to the associations of education and occupation with cognitive ability in older age. BMC Geriatrics, 2021, 21, 346.	1.1	4

#	ARTICLE	IF	CITATIONS
160	Improving Gifted Talent Development Can Help Solve Multiple Consequential Real-World Problems. <i>Journal of Intelligence</i> , 2021, 9, 31.	1.3	6
161	Public trust, perceived accuracy, perceived likelihood, and concern on multi-model climate projections communicated with different formats. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2021, 26, 1.	1.0	0
162	Consumer behavior in social commerce: Results from a meta-analysis. <i>Technological Forecasting and Social Change</i> , 2021, 167, 120734.	6.2	54
163	Assessing cognition in people with severe mental disorders in low- and middle-income countries: a systematic review of assessment measures. <i>Social Psychiatry and Psychiatric Epidemiology</i> , 2022, 57, 435-460.	1.6	5
164	Does our cognitive empathy diminish with age? The moderator role of educational level. <i>International Psychogeriatrics</i> , 2023, 35, 207-214.	0.6	5
165	Continuous time models support the reciprocal relations between academic achievement and fluid intelligence over the course of a school year. <i>Intelligence</i> , 2021, 87, 101560.	1.6	3
166	Meta-analyses and effect sizes in applied behavior analysis: A review and discussion. <i>Journal of Applied Behavior Analysis</i> , 2021, 54, 1317-1340.	2.2	34
167	Engineering the Minds of the Future: An Intergenerational Approach to Cognitive Technology. <i>Axiomathes</i> , 0, , 1.	0.3	2
168	Baseline executive functions and receiving cognitive rehabilitation can predict treatment response in people with opioid use disorder. <i>Journal of Substance Abuse Treatment</i> , 2021, 131, 108558.	1.5	7
169	The future of intelligence research and gifted education. <i>Intelligence</i> , 2021, 87, 101546.	1.6	4
170	Effects of Neurofeedback on the Working Memory of Children with Learning Disorders – An EEG Power-Spectrum Analysis. <i>Brain Sciences</i> , 2021, 11, 957.	1.1	8
171	Individual differences in motor skill learning: Past, present and future. <i>Human Movement Science</i> , 2021, 78, 102818.	0.6	39
172	The Neuropsychological Profile of Severe and Enduring Anorexia Nervosa: A Systematic Review. <i>Frontiers in Psychology</i> , 2021, 12, 708536.	1.1	8
173	Education and Income Show Heterogeneous Relationships to Lifespan Brain and Cognitive Differences Across European and US Cohorts. <i>Cerebral Cortex</i> , 2022, 32, 839-854.	1.6	25
174	The predictors of general knowledge: Data from a Spanish megastudy. <i>Behavior Research Methods</i> , 2022, 54, 898-909.	2.3	4
175	The overlapping geography of cognitive ability and chronotype. <i>PsyCh Journal</i> , 2021, 10, 834-846.	0.5	4
176	The epidemiology of cognitive development. <i>Cognition</i> , 2021, 213, 104690.	1.1	9
177	Adaptive Behavior as an Alternative Outcome to Intelligence Quotient in Studies of Children at Risk: A Study of Preschool-Aged Children in Flint, MI, USA. <i>Frontiers in Psychology</i> , 2021, 12, 692330.	1.1	6

#	ARTICLE	IF	CITATIONS
178	Cooperation and cognition gaps for salinity: A field experiment of information provision in urban and rural areas of Bangladesh. <i>Journal of Cleaner Production</i> , 2021, 311, 127562.	4.6	2
179	Is the transition to formal leadership caused by trait extraversion? A counterfactual hazard analysis using two large panel datasets. <i>Leadership Quarterly</i> , 2022, 33, 101565.	3.6	2
180	The future of intelligence: The role of specific abilities. <i>Intelligence</i> , 2021, 88, 101549.	1.6	17
181	Improving the Methodology for Identifying Mild Cognitive Impairment in Intellectually High-Functioning Adults Using the NIH Toolbox Cognition Battery. <i>Frontiers in Psychology</i> , 2021, 12, 724888.	1.1	6
182	Age at onset and age at treatment of alcohol use disorders: Associations with educational level and intelligence. <i>Alcohol</i> , 2021, 95, 7-14.	0.8	3
183	Inequality of educational opportunity at time of schooling predicts cognitive functioning in later adulthood. <i>SSM - Population Health</i> , 2021, 15, 100837.	1.3	7
184	Developmental Histories Facilitating the Emergence of Creative Scientific Expertise: The Role of Developed Cognitive Talents, Education, and Social and Cultural Contexts. <i>Frontiers in Psychology</i> , 2021, 12, 716529.	1.1	2
185	Personality Psychology. <i>Annual Review of Psychology</i> , 2022, 73, 489-516.	9.9	33
186	To predict the future, consider the past: Revisiting Carroll (1993) as a guide to the future of intelligence research. <i>Intelligence</i> , 2021, 89, 101585.	1.6	15
187	Separating PIAAC competencies from general cognitive skills: A dimensionality and explanatory analysis. <i>Studies in Educational Evaluation</i> , 2021, 71, 101069.	1.2	1
188	Intensive schooling and cognitive ability: A case of Polish educational reform. <i>Personality and Individual Differences</i> , 2021, 183, 111121.	1.6	1
189	Learning as an Important Privilege: A Life Span Perspective with Implications for Successful Aging. <i>Human Development</i> , 2021, 65, 51-64.	1.2	6
190	Parallelization: the Fourth Leg of Cultural Globalization Theory. <i>Integrative Psychological and Behavioral Science</i> , 2021, 55, 354-370.	0.5	22
191	Cognitive Abilities and Financial Decision Making. , 2020, , 71-87.		5
192	Spearman's g found in 31 non-Western nations: Strong evidence that g is a universal phenomenon.. <i>Psychological Bulletin</i> , 2019, 145, 237-272.	5.5	65
193	The long arm of childhood intelligence on terminal decline: Evidence from the Lothian Birth Cohort 1921.. <i>Psychology and Aging</i> , 2020, 35, 806-817.	1.4	6
194	Polygenic score for educational attainment captures DNA variants shared between personality traits and educational achievement.. <i>Journal of Personality and Social Psychology</i> , 2019, 117, 1145-1163.	2.6	39
195	Education, intelligence and Alzheimer's disease: evidence from a multivariable two-sample Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2020, 49, 1163-1172.	0.9	86

#	ARTICLE	IF	CITATIONS
200	Near and Far Transfer in Cognitive Training: A Second-Order Meta-Analysis. <i>Collabra: Psychology</i> , 2019, 5, .	0.9	109
202	Human Frictions in the Transmission of Economic Policy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	10
203	Human Frictions in the Transmission of Economic Policy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4
204	Collecting big data with small screens: Group tests of children's cognition with touchscreen tablets are reliable and valid. <i>Behavior Research Methods</i> , 2021, 53, 1515-1529.	2.3	11
205	A New Study of Intelligence in Egypt. <i>Mankind Quarterly</i> , 2017, 58, 307-311.	0.1	2
206	Sex Differences in Verbal Fluency Among Young Adults. <i>Advances in Cognitive Psychology</i> , 2020, 16, 92-102.	0.2	18
207	Multivariable two-sample Mendelian randomization estimates of the effects of intelligence and education on health. <i>ELife</i> , 2019, 8, .	2.8	103
208	Filial Intelligence and Family Social Class, 1947 to 2012. <i>Sociological Science</i> , 0, 8, 325-345.	2.0	3
209	Can We Achieve "Equality" When We Have Different Understandings of Its Meaning? How Contexts and Identities Shape the Pursuit of Egalitarian Goals. <i>Psychological Inquiry</i> , 2021, 32, 155-164.	0.4	11
210	The Breadth of Impacts from the Abecedarian Project Early Intervention on Cognitive Skills. <i>Journal of Research on Educational Effectiveness</i> , 2022, 15, 243-262.	0.9	4
211	Antenatal steroids and neurodevelopment in 12-year-old children born extremely preterm. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2022, 111, 314-322.	0.7	2
212	Using large, publicly available data sets to study adolescent development: opportunities and challenges. <i>Current Opinion in Psychology</i> , 2022, 44, 303-308.	2.5	20
213	Organising The Distribution of Thinking Levels at Different Education Levels in Indonesia. , 0, , .		0
214	Gutter er gutter. , 2019, 36, 115-132.	0.1	0
215	Solid numbers, missed opportunities: Review of The intelligence of nations.. <i>Evolutionary Behavioral Sciences</i> , 2021, 15, 389-397.	0.7	1
217	Why Your Mind Is Like a Shark: Testing the Idea of Mutualism. <i>Frontiers for Young Minds</i> , 0, 8, .	0.8	0
218	Zdolności numeryczne jako kluczowe zdolności poznawcze w procesie podejmowania decyzji. <i>Decyzje</i> , 2020, 2020, .	0.3	1
221	The Legacy: Coming to Terms With the Origins and Development of the Gifted-Child Movement. <i>Roeper Review</i> , 2021, 43, 227-241.	0.6	17

#	ARTICLE	IF	CITATIONS
222	Cognitive and Academic Skills in Two Developmental Cohorts of Different Ability Level: A Mutualistic Network Perspective. <i>Journal of Applied Research in Memory and Cognition</i> , 2021, , .	0.7	0
223	Occupational cognitive complexity and episodic memory in old age. <i>Intelligence</i> , 2021, 89, 101598.	1.6	4
224	Distinct Latent Profiles of Working Memory and Processing Speed in Adults with ADHD. <i>Developmental Neuropsychology</i> , 2021, 46, 574-587.	1.0	5
226	Select on Intelligence. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
227	Mediators of the associations between family income during adolescence and adult long-term memory and working memory. <i>Cognitive Development</i> , 2022, 61, 101140.	0.7	2
228	Intelligence Can Be Used to Make a More Equitable Society but Only When Properly Defined and Applied. <i>Journal of Intelligence</i> , 2021, 9, 57.	1.3	5
229	Money matters (especially if you are good at math): Numeracy, verbal intelligence, education, and income in satisfaction judgments. <i>PLoS ONE</i> , 2021, 16, e0259331.	1.1	6
230	Human Frictions in the Transmission of Economic Policy. <i>SSRN Electronic Journal</i> , 0, , .	0.4	0
232	Wie kreativ kann Künstliche Intelligenz sein? Eine psychologische Reflexion. , 2022, , 347-358.		2
234	Examining relations between performance on non-verbal executive function and verbal self-regulation tasks in demographically diverse populations. <i>Developmental Science</i> , 2022, 25, .	1.3	9
235	Prenatal urinary metabolites of polycyclic aromatic hydrocarbons and toddler cognition, language, and behavior. <i>Environment International</i> , 2022, 159, 107039.	4.8	11
236	Mind the Gap: Measuring Academic Underachievement Using Stochastic Frontier Analysis. <i>Exceptional Children</i> , 2022, 88, 442-459.	1.4	2
237	Rural/urban dwelling across the life-course and late-life cognitive ability in Mexico. <i>SSM - Population Health</i> , 2022, 17, 101031.	1.3	4
238	What Longitudinal Research and Large-Scale Population Representative Studies Can Tell Us About Gifted Students and Education Policy 50 Years After the Marland Report. <i>Journal for the Education of the Gifted</i> , 0, , 016235322110639.	0.5	0
239	The Economics and Econometrics of Gene-Environment Interplay. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
240	The Economics and Econometrics of Gene-Environment Interplay. <i>SSRN Electronic Journal</i> , 0, , .	0.4	1
241	General cognitive ability assessment in the German National Cohort (NAKO) – The block-adaptive number series task. <i>World Journal of Biological Psychiatry</i> , 2023, 24, 924-935.	1.3	5
242	The assessment of cognitive function in the German National Cohort (NAKO) – Associations of demographics and psychiatric symptoms with cognitive test performance. <i>World Journal of Biological Psychiatry</i> , 2022, , 1-15.	1.3	8

#	ARTICLE	IF	CITATIONS
244	The Role of Intelligence and Self-Concept for Teachersâ€™ Competence. <i>Journal of Intelligence</i> , 2022, 10, 20.	1.3	1
245	Course of intellectual functioning in schizophrenia and bipolar disorder: a 10-year follow-up study. <i>Psychological Medicine</i> , 2022, , 1-9.	2.7	1
246	Moving up but not getting ahead: Family socioeconomic position in pregnancy, social mobility, and child cognitive development in the first seven years of life. <i>SSM - Population Health</i> , 2022, 17, 101064.	1.3	2
248	Entropy of city street networks linked to future spatial navigation ability. <i>Nature</i> , 2022, 604, 104-110.	13.7	76
249	Long-Term Consequences of Repeated School Closures During the COVID-19 Pandemic for Reading and Mathematics Competencies. <i>Frontiers in Education</i> , 2022, 13, .	1.2	11
250	The Montreal cognitive assessment as a cognitive screening tool in sickle cell disease: Associations with clinically significant cognitive domains. <i>British Journal of Haematology</i> , 2022, , .	1.2	7
251	Student Characteristics, Institutional Factors, and Outcomes in Higher Education and Beyond: An Analysis of Standardized Test Scores and Other Factors at the Institutional Level with School Rankings and Salary. <i>Journal of Intelligence</i> , 2022, 10, 22.	1.3	0
252	Literacy improves the comprehension of object relatives. <i>Cognition</i> , 2022, 224, 104958.	1.1	6
253	Cognitive and academic skills in two developmental cohorts of different ability level: A mutualistic network perspective.. <i>Journal of Applied Research in Memory and Cognition</i> , 2022, 11, 209-217.	0.7	3
254	Depression and episodic memory across the adult lifespan: A meta-analytic review.. <i>Psychological Bulletin</i> , 2021, 147, 1184-1214.	5.5	15
255	The secular trend of intelligence test scores: The Danish experience for young men born between 1940 and 2000. <i>PLoS ONE</i> , 2021, 16, e0261117.	1.1	5
256	School Does Not Kill Creativity. <i>European Psychologist</i> , 2022, 27, 263-275.	1.8	14
257	Selecting for Learning Potential: Is Implicit Learning the New Cognitive Ability?. <i>Journal of Intelligence</i> , 2022, 10, 24.	1.3	0
258	Multidisciplinary perspectives and field strengthening questions for gifted education research. <i>High Ability Studies</i> , 2023, 34, 39-59.	1.0	1
259	Not by g alone: The benefits of a college education among individuals with low levels of general cognitive ability. <i>Intelligence</i> , 2022, 92, 101642.	1.6	3
261	Promoting Transformational Giftedness Through Service Learning. , 2022, , 131-142.		1
263	The role of school education in time-dependent changes of cognitive abilities in cohorts from midlife to old age. <i>Aging and Mental Health</i> , 2023, 27, 729-735.	1.5	1
264	International differences in math and science tilts: The stability, geography, and predictive power of tilt for economic criteria. <i>Intelligence</i> , 2022, 92, 101646.	1.6	4

#	ARTICLE	IF	CITATIONS
265	The impact of digital media on children's intelligence while controlling for genetic differences in cognition and socioeconomic background. <i>Scientific Reports</i> , 2022, 12, 7720.	1.6	28
266	Genetic associations with learning over 100 days of practice. <i>Npj Science of Learning</i> , 2022, 7, 7.	1.5	2
267	Alarming large unemployment gap despite of above-average education in adults with ASD without intellectual disability in Germany: a cross-sectional study. <i>European Archives of Psychiatry and Clinical Neuroscience</i> , 2022, , .	1.8	4
268	The Course of General Cognitive Ability in Individuals With Psychotic Disorders. <i>JAMA Psychiatry</i> , 2022, 79, 659.	6.0	23
269	Cognitive Profiles of Adolescent Inpatients with Substance Use Disorder. <i>Children</i> , 2022, 9, 756.	0.6	2
270	Cognitive Reserve and Related Constructs: A Unified Framework Across Cognitive and Brain Dimensions of Aging. <i>Frontiers in Aging Neuroscience</i> , 0, 14, .	1.7	13
271	Learning to read may help promote attention by increasing the volume of the left middle frontal gyrus and enhancing its connectivity to the ventral attention network. <i>Cerebral Cortex</i> , 2023, 33, 2260-2272.	1.6	9
272	Creativity and its relationship with intelligence and reading skills in children: an exploratory study. <i>Psicologia: Reflexao E Critica</i> , 2022, 35, .	0.4	1
273	Far transfer effects of executive working memory training on cognitive flexibility. <i>Current Psychology</i> , 0, , .	1.7	0
274	Long-term health-related quality of life in patients with ruptured arteriovenous malformations treated in childhood. <i>Journal of Neurosurgery: Pediatrics</i> , 2022, 30, 292-300.	0.8	0
275	Clarifying the relationship between randomness dismissal and conspiracist ideation: A preregistered replication and meta-analysis. <i>Journal of Experimental Social Psychology</i> , 2022, 102, 104357.	1.3	2
276	Additive Technologies for Adaptive Creativity Flexible Express Design in an Exponential Economy. <i>Lecture Notes in Networks and Systems</i> , 2022, , 231-242.	0.5	3
277	PROTOCOL: School-based language, math, and reading interventions for executive functions in children and adolescents: A systematic review. <i>Campbell Systematic Reviews</i> , 2022, 18, .	1.2	0
278	The influence of SES, cognitive, and non-cognitive abilities on grades: cross-sectional and longitudinal evidence from two Swedish cohorts. <i>European Journal of Psychology of Education</i> , 2023, 38, 587-603.	1.3	8
280	Effectiveness of Musical Training on Reading Comprehension in Elementary School Children. Is There an Associative Cognitive Benefit?. <i>Frontiers in Education</i> , 0, 7, .	1.2	2
281	Belief traps: Tackling the inertia of harmful beliefs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	13
282	Neuropsychological performance in patients with focal drug-resistant epilepsy and different factors that affect their performance. <i>Egyptian Journal of Neurology, Psychiatry and Neurosurgery</i> , 2022, 58, .	0.4	1
283	Genetic evidence that the causal association of educational attainment with reduced risk of Alzheimer's disease is driven by intelligence. <i>Neurobiology of Aging</i> , 2022, 119, 127-135.	1.5	5

#	ARTICLE	IF	CITATIONS
284	Learning loss and learning recovery. <i>Decision</i> , 2022, 49, 183-188.	0.8	7
285	Do Salient Social Norms Moderate Mortality Salience Effects? A (Challenging) Meta-Analysis of Terror Management Studies. <i>Personality and Social Psychology Review</i> , 2023, 27, 195-225.	3.4	6
287	Integrating cultural evolution and behavioral genetics. <i>Behavioral and Brain Sciences</i> , 2022, 45, .	0.4	0
288	Transhumanismâ€™Agency Enhancement. <i>The International Library of Bioethics</i> , 2022, , 127-147.	0.1	0
289	Experience of Playing a Musical Instrument and Lifetime Change in General Cognitive Ability: Evidence From the Lothian Birth Cohort 1936. <i>Psychological Science</i> , 2022, 33, 1495-1508.	1.8	5
290	Changing priorities in the development of cognitive competence and school learning: A general theory. <i>Frontiers in Psychology</i> , 0, 13, .	1.1	2
291	Vietnamâ€™s exceptional educational achievement: a thematic review of the emerging literature. , 2022, 1, .		1
292	Hochbegabung unter einer Entwicklungsperspektive: Grundlagen und Implikationen fÃ¼r die Empirische Bildungsforschung. , 2022, , 1199-1220.		0
293	Self-Employment and Eudaimonic Well-Being: The Mediating Role of Problem- and Emotion-Focused Coping. <i>Entrepreneurship Theory and Practice</i> , 2023, 47, 2121-2154.	7.1	10
294	The Emperor Has No Clothes: The Naked Truth About the Construct Validity of Traditional Methods of Gifted Identification. <i>Roeper Review</i> , 2022, 44, 231-248.	0.6	7
295	Increased Screen Time as a Cause of Declining Physical, Psychological Health, and Sleep Patterns: A Literary Review. <i>Cureus</i> , 2022, , .	0.2	9
296	Sex-Specific Protective Effects of Cognitive Reserve on Age-Related Cognitive Decline. <i>Neurology</i> , 2023, 100, .	1.5	1
297	Educational attainment, structural brain reserve and Alzheimerâ€™s disease: a Mendelian randomization analysis. <i>Brain</i> , 2023, 146, 2059-2074.	3.7	15
298	A new look at the relations between attachment and intelligence. <i>Developmental Review</i> , 2023, 67, 101054.	2.6	3
299	Intelligence, education level, and risk of Parkinsonâ€™s disease in European populations: A Mendelian randomization study. <i>Frontiers in Genetics</i> , 0, 13, .	1.1	4
300	Intelligences. , 2023, , 198-208.		0
301	Education and neurocognitive aging - is there a relation?. , 2023, , 512-519.		0
302	Early-life stature, preschool cognitive development, schooling attainment, and cognitive functioning in adulthood: a prospective study in four birth cohorts. <i>The Lancet Global Health</i> , 2023, 11, e95-e104.	2.9	9

#	ARTICLE	IF	CITATIONS
303	Ongoing trends of human intelligence. <i>Intelligence</i> , 2023, 96, 101708.	1.6	3
304	Schooling substantially improves intelligence, but neither lessens nor widens the impacts of socioeconomics and genetics. <i>Npj Science of Learning</i> , 2022, 7, .	1.5	4
305	Modifiable Lifestyle Activities Affect Cognition in Cognitively Healthy Middle-Aged Individuals at Risk for Late-Life Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2023, 91, 833-846.	1.2	3
306	Genetic support of a causal relationship between cannabis use and educational attainment: a two-sample Mendelian randomization study of European ancestry. <i>Addiction</i> , 2023, 118, 698-710.	1.7	1
307	National Mean IQ Estimates: Validity, Data Quality, and Recommendations. <i>Evolutionary Psychological Science</i> , 2023, 9, 197-223.	0.8	2
308	The effects of socioeconomic status on personality development in adulthood and aging. <i>Journal of Personality</i> , 2024, 92, 243-260.	1.8	1
310	Do easy-to-read adaptations really facilitate sentence processing for adults with a lower level of education? An experimental eye-tracking study. <i>Learning and Instruction</i> , 2023, 84, 101731.	1.9	1
311	No evidence of a positive effect of learning Chinese language as an L2 on spatial ability. <i>Scientific Reports</i> , 2023, 13, .	1.6	4
312	Personality, intelligence, and academic achievement: Charting their developmental interplay. <i>Journal of Personality</i> , 2023, 91, 1326-1343.	1.8	7
313	Gender, Personality, and Cognitive Resilience against Early-Life Disadvantage. <i>Journals of Gerontology - Series B Psychological Sciences and Social Sciences</i> , 0, , .	2.4	0
314	Can Intelligence Affect Alcohol-, Smoking-, and Physical Activity-Related Behaviors? A Mendelian Randomization Study. <i>Journal of Intelligence</i> , 2023, 11, 29.	1.3	1
315	The future of intelligence: A prediction of the Flynn effect based on past student assessment studies until the year 2100. <i>Personality and Individual Differences</i> , 2023, 206, 112110.	1.6	3
316	The association between cognitive ability and body mass index: A sibling-comparison analysis in four longitudinal studies. <i>PLoS Medicine</i> , 2023, 20, e1004207.	3.9	2
317	The Associations between Results in Different Domains of Cognitive and Psychomotor Abilities Measured in Medical Students. <i>Brain Sciences</i> , 2023, 13, 185.	1.1	0
319	Are Large Admissions Test Coaching Effects Widespread? A Longitudinal Analysis of Admissions Test Scores. <i>Applied Measurement in Education</i> , 2023, 36, 1-13.	0.5	0
320	Stability of mental abilities and physical growth from 6 months to 65 years: Findings from the Zurich Longitudinal Studies. <i>Intelligence</i> , 2023, 97, 101730.	1.6	1
321	A multi-faceted role of dual-state dopamine signaling in working memory, attentional control, and intelligence. <i>Frontiers in Behavioral Neuroscience</i> , 0, 17, .	1.0	3
323	Students' intelligence test results after six and sixteen months of irregular schooling due to the COVID-19 pandemic. <i>PLoS ONE</i> , 2023, 18, e0281779.	1.1	2

#	ARTICLE	IF	CITATIONS
325	Which blueberries are better value? The development and validation of the functional numeracy assessment for adults with aphasia. <i>International Journal of Language and Communication Disorders</i> , 2023, 58, 1294-1315.	0.7	0
326	Nature, Nurture, and the Meaning of Educational Attainment: Differences by Sex and Socioeconomic Status. <i>Twin Research and Human Genetics</i> , 0, , 1-9.	0.3	0
327	No Appreciable Effect of Education on Aging-Associated Declines in Cognition: A 20-Year Follow-Up Study. <i>Psychological Science</i> , 2023, 34, 527-536.	1.8	1
329	Re-Engaging Individuals & Societies for Structural Evolution: A Brain Health Equity Neuropsychology Research Framework. <i>Archives of Clinical Neuropsychology</i> , 2023, 38, 347-364.	0.3	1
330	The Etiological and Predictive Association Between ADHD and Cognitive Performance From Childhood to Young Adulthood. <i>Journal of Attention Disorders</i> , 2023, 27, 709-720.	1.5	2
331	One-year cognitive outcomes from a multiple real-world skill learning intervention with older adults. <i>Aging and Mental Health</i> , 2023, 27, 2134-2143.	1.5	1
332	What Makes Us Smart?. <i>Topics in Cognitive Science</i> , 2024, 16, 322-342.	1.1	5
357	Experience and Intelligence. , 2023, , 192-228.		0
358	Enhancing Intelligence. , 2023, , 375-393.		0
377	Cognitive Ability as Both the Flynn Effect and Dysgenics. <i>SpringerBriefs in Psychology</i> , 2023, , 43-51.	0.1	0
380	Upanisadic Teaching and Its Application Today. <i>Advances in Psychology, Mental Health, and Behavioral Studies</i> , 2024, , 260-278.	0.1	0
383	The relationships among school engagement, students' emotions, and academic performance in an elementary online learning. , 2024, , .		0
387	Persönlichkeitsentwicklung. , 2024, , 317-400.		0