

BIBLIOGRAFIE

- Ackerman, Phillip L. and Eric D. Heggestad (1997). Intelligence, Personality, and Interests: Evidence for Overlapping Traits, *Psychological Bulletin* 121 (2): 219–245.
- Adam, David (2018). *The Genius Within: Smart Pills, Brain Hacks and Adventures in Intelligence* (London: Picador).
- Adey, Philip and Michael Shayer (1994). *Really Raising Standards: Cognitive Intervention and Academic Achievement* (London and New York: Routledge).
- Ali, Afia, Gareth Ambler, Andre Strydom, Dheeraj Rai, Claudia Cooper, Sally McManus, Scott Weich, H. Meltzer, Simon Dein and Angela Hassiotis (2013). The Relationship Between Happiness and Intelligence Quotient: The Contribution of Socio-Economic and Clinical Factors, *Psychological Medicine* 43(6): 1303–1312.
- Alvarus Pelagius (1992). The Complaint of the Church. In Brian Tierney (ed.), *The Middle Ages, Vol. 1: Sources of Medieval History*, 5th edn (New York: McGraw-Hill Education), pp. 296–297.
- Anderson, James W., Bryan M. Johnstone and Daniel T. Remley (1999). Breast-Feeding and Cognitive Development: A Meta-Analysis, *American Journal of Clinical Nutrition* 70(4): 525–535.
- Anderson, John R. (1996). ACT: A Simple Theory of Complex Cognition, *American Psychologist* 51(4): 355–365.
- Andrews, Jon, David Robinson and Jo Hutchinson (2017). *Closing the Gap? Trends in Educational Attainment and Disadvantage* (London: Education Policy Institute). Available at: https://epi.org.uk/wp-content/uploads/2017/08/Closing-the-Gap_EPI-.pdf.
- Arnold, Matthew (2006 [1869]). *Culture and Anarchy* (Oxford: Oxford University Press).
- Asbury, Kathryn and Robert Plomin (2013). *G is for Genes: The Impact of Genetics on Education and Achievement* (Chichester: Wiley).
- Ashton, Kevin (2015). *How to Fly a Horse: The Secret History of Creation, Invention and Discovery* (London: Windmill Books).
- Astley, Susan (2003). FAS/FAE: Their Impact on Psychosocial Child Development with a View to Diagnosis. In Richard E. Tremblay, Ronald G. Barr and Ray DeV. Peters (eds), *Encyclopedia on Early Childhood Development*. Available at: <http://www.child-encyclopedia.com/documents/AstleyANGxp.pdf>.
- Au, Jacky, Ellen Sheehan, Nancy Tsai, Greg J. Duncan, Martin Buschkuhl and Susanne M. Jaeggi (2014). Improving Fluid Intelligence with Training on Working Memory: A Meta-Analysis, *Psychonomic Bulletin & Review* 22(2): 366–377.
- Ausubel, David P. (1965). An Evaluation of the Conceptual Schemes Approach to Science Curriculum Development, *Journal of Research in Science Teaching* 3: 255–264.
- Baddely, Alan (2012). Working Memory: Theories, Models, and Controversies, *Annual Review of Psychology* 63: 1–29.
- Baldwin, James Mark (1896a). A New Factor in Evolution, *American Naturalist* 30: 441–451: 536–553.
- Baldwin, James Mark (1896b). Consciousness and Evolution, *Psychological Review* 3: 300–309. Available at: [https://brocku.ca/Media/James Baldwin/Baldwin_1896_b.html](https://brocku.ca/Media/James%20Baldwin/Baldwin_1896_b.html).
- Bargh, John A. (2012). Priming Effects Replicate Just Fine, Thanks, *Psychology Today* (11 May). Available at: <https://www.psychologytoday.com/blog/the-natural-unconscious/201205/priming-effects-replicate-just-fine-thanks>.
- Barrett, David B., George T. Kurian and Todd M. Johnston (2001). *World Christian Encyclopedia: A Comparative Survey of Churches and Religions in the Modern World* (New York: Oxford University Press).
- Bartlett, Frederic C. (1920). Experiments on the Reproduction of Folk-Stories, *Folklore* 31(1): 30–47.
- Bartol, Thomas M. Jr, Cailey Bromer, Justin Kinney, Michael A. Chirillo, Jennifer N. Bourne, Kristen M. Harris and Terrence J. Sejnowski (2015). Nanoconnectomic Upper Bound on the Variability of Synaptic Plasticity, *eLife* 4: e10778.
- Bates, Timothy C. (2007). Fluctuating Asymmetry and Intelligence, *Intelligence* 35(1): 41–46.
- Beja-Pereira, Albano, Gordon Luikart, Philip R. England, Daniel G. Bradley, Oliver C. Jann, Giorgio Bertorelle et al. (2005). Gene-Culture Coevolution Between Cattle Milk Protein Genes and Human Lactase Genes, *Nature Genetics* 35: 311–313.
- Beldoch, Michael (1964). *Sensitivity to Expression of Emotional Meaning in Three Modes of Communication*. In Joel R. Dovidio and Michael Beldoch (eds), *The Communication of Emotional Meaning* (New York: McGraw-Hill), pp. 31–42.

- Birbalsingh, Katherine (ed.) (2016). *Battle Hymn of the Tiger Teachers: The Michaela Way* (Woodbridge: John Catt Educational).
- Bisseret, André (1970). Mémoire opérationnelle et structure du travail [Working Memory and Work Structure], *Bulletin de Psychologie* 24: 280–294. English summary published as: Analysis of Mental Processes Involved in Air Traffic Control, *Ergonomics* 14 (1971): 565–570.
- Bjork, Elizabeth and Robert A. Bjork (2003). Intentional Forgetting Can Increase, Not Decrease, Residual Influences of To-Be-Forgotten Information, *Journal of Experimental Psychology: Learning, Memory, and Cognition* 29 (4): 524–531.
- Bjork, Robert A. (n.d.). The Theory of Disuse and the Role of Forgetting in Human Memory [video]. Available at: <http://gocognitive.net/interviews/theory-disuse-and-role-forgetting-human-memory>.
- Bjork, Robert A. and Marcia C. Linn (2002). Introducing Desirable Difficulties for Educational Applications in Science (IDDEAS). Available at: <https://belmontteach.files.wordpress.com/2015/09/bjork-introducing-desirable-difficulties.pdf>.
- Bloom, Allan (1987). *The Closing of the American Mind: How Higher Education Has Failed Democracy and Impoverished the Souls of Today's Students* (New York: Simon & Schuster).
- Bloom, Benjamin S. (1956). *Taxonomy of Educational Objectives. Vol. 1: The Classification of Educational Goals* (London: D. McKay).
- Boaler, Jo (2014). *The Educators*, BBC Radio 4 [audio] (29 September). Available at <https://www.bbc.co.uk/programmes/b04gw6rh>.
- Boaler, Jo (2015). Fluency Without Fear: Research Evidence on the Best Ways to Learn Math Facts, *YouCubed* (28 January). Available at: <https://www.youcubed.org/evidence/fluency-without-fear/>.
- Boghossian, Paul (2007). *Fear of Knowledge: Against Relativism and Constructivism* (New York: Oxford University Press).
- Boring, Edward (1923). Intelligence as the Tests Test It, *New Republic* 36: 35–37.
- Bouchard, Jr, Thomas J. (2004). Genetic Influence on Human Psychological Traits: A Survey, *Current Directions in Psychological Science* 13(4): 148–151.
- Bourdieu, Pierre (1973). *Cultural Reproduction and Social Reproduction in Knowledge, Education and Cultural Change* (London: Tavistock).
- Boorstin Daniel J. (1970). A Case of Hypochondria, *Newsweek* (6 July).
- Boxer, Adam (2018). Novices, Experts and Everything In-between: Epistemology and Pedagogy, *A Chemical Orthodoxy* (10 May). Available at: <https://achemicalorthodoxy.wordpress.com/2018/05/10/novices-experts-and-everything-in-between-epistemology-and-pedagogy/>.
- Bratsberg, Bernt and Ole Rogeberg (2018). Flynn Effect and its Reversal Are Both Environmentally Caused, *Proceedings of the National Academy of Sciences* 115 (26). doi:10.1073/pnas.1718793115
- Brinch, Christian and Ann Galloway (2011). Schooling in Adolescence Raises IQ Scores, *Proceedings of the National Academy of Sciences of the United States of America* 109: 425–430.
- Bruner, Jerome S. (1960). *The Process of Education* (Cambridge, MA: Harvard University Press).
- Bruner, Jerome S. (1966). *Toward a Theory of Instruction* (Cambridge, MA: Belknap Press).
- Cabeza, Robert and Moscovitch, Morris (2013). Memory Systems, Processing Modes, and Components: Functional Neuroimaging Evidence, *Perspectives on Psychological Science* 8(1), 49–55.
- Cáceres, Mario, Joel Lachuer, Matthew A. Zapala, John C. Redmond, Lili Kudo, Daniel H. Geschwind, David J. Lockhart, Todd M. Preuss and Carolee Barlow (2003). Elevated Gene Expression Levels Distinguish Humans from Non-Human Primate Brains, *Proceedings of the National Academy of Sciences of the United States of America* 100(22): 13030–13035.
- Cadwalladr, Carole (2015). The 'Granny Cloud': The Network of Volunteers Helping Poorer Children Learn, *The Guardian* (2 August). Available at: <https://www.theguardian.com/education/2015/aug/02/sugata-mitra-school-in-the-cloud>.
- Cahan, Sorel and Nora Cohen (1989). Age versus Schooling Effects on Intelligence Development, *Child Development* 60: 1239–1249.
- Calvin, Catherine M., G. David Batty, Geoff Der, Caroline E. Brett, Adele Taylor, Alison Pattie et al. (2017). Childhood Intelligence in Relation to Major Causes of Death in 68 Year Follow-up: Prospective Population Study, *BMJ*, 357: j2708.
- Caplan, Bryan (2018). *The Case Against Education: Why the Education System is a Waste of Time and Money* (Princeton, NJ: Princeton University Press).

- Carey, Benedict (2014). *How We Learn* (London: Macmillan).
- Carey, Mark. M. Jackson, Alessandro Antonello and Jaclyn Rushing (2016). Glaciers, Gender, and Science: A Feminist Glaciology Framework for Global Environmental Change Research, *Progress in Human Geography* 40(6): 770–793.
- Carlsson, Magnus, Gordon B. Dahl, Björn Öckert and Dan-Olof Rooth (2015). The Effect of Schooling on Cognitive Skills, *Review of Economics and Statistics* 97(3): 533–547.
- Carraher, Terezinha N., David W. Carraher and Analúcia D. Schliemann (1985). Mathematics in the Street and in School, *British Journal of Developmental Psychology* 3, 21–29.
- Cattell, Raymond B. (1971). *Abilities: Their Structure, Growth, and Action* (Boston, MA: Houghton Mifflin).
- Cavazotte, Flavia, Valter Moreno and Mateus Hickmann (2012). Effects of Leader Intelligence, Personality and Emotional Intelligence on Transformational Leadership and Managerial Performance, *Leadership Quarterly* 23(3): 443–455.
- Ceci, Stephen J. (1991). How Much Does Schooling Influence General Intelligence and its Cognitive Components? A Reassessment of the Evidence, *Developmental Psychology* 27(5): 703–722.
- Cepeda, Nicholas J., Edward Vul, Doug Rohrer, John T. Wixted and Harold Pashler (2008). Spacing Effects in Learning: A Temporal Ridgeline of Optimal Retention, *Psychological Science* 19: 1095–1102.
- Chandler, Paul and John Sweller (1992). The Split-Attention Effect as a Factor in the Design of Instruction, *British Journal of Educational Psychology* 62(2), 233–246.
- Chase, William G. and Herbert A. Simon (1973). Perception in Chess, *Cognitive Psychology* 4(1): 55–81.
- Chi, Michelene T. H., Paul J. Feltovich and Robert Glaser (1981). Categorization and Representation of Physics Problems by Experts and Novices, *Cognitive Science* 5, 121–152.
- Chivers, Tom (2017). A Mindset ‘Revolution’ Sweeping Britain’s Classrooms May Be Based on Shaky Science, *BuzzFeed* (14 January). Available at: https://www.buzzfeed.com/tomchivers/what-is-your-mindset?utm_term=.lv42Bb4l9#.ucWBv7RQG.
- Christodoulou, Daisy (2014). *Seven Myths About Education* (Abingdon: Routledge).
- Clark, Richard E., Paul A. Kirschner and John Sweller (2012). Putting Students on the Path to Learning: The Case for Fully Guided Instruction, *American Educator* 41(2): 75–86. Available at: <https://www.aft.org/sites/default/files/periodicals/Clark.pdf>.
- Clark, Ruth Colvin (2015). *Evidence-Based Training Methods* (Alexandria, VA: ATD Press).
- Clark, Ruth Colvin, Frank Nguyen and John Sweller (2006). *Efficiency in Learning: Evidence-Based Guidelines to Manage Cognitive Load* (San Francisco, CA: Pfeiffer).
- Cliffordson, Christina and Jan-Eric Gustafsson (2008). Effects of Age and Schooling on Intellectual Performance: Estimates Obtained from Analysis of Continuous Variation in Age and Length of Schooling, *Intelligence* 36(2): 143–152.
- Cohen, Gillian (1990). Why is it Difficult to Put Names to Faces? *British Journal of Psychology* 81: 287–297.
- Collins, Harry (2010). *Tacit and Explicit Knowledge* (Chicago, IL: University of Chicago Press).
- Connor, Charles E. (2005). Neuroscience: Friends and Grandmothers, *Nature* 435: 1036–1037.
- Courtwright, David T. (2010). *Violent Land: Single Men and Social Disorder from the Frontier to the Inner City* (Cambridge, MA: Harvard University Press).
- Cowan, Nelson (2001). The Magical Number 4 in Short-Term Memory: A Reconsideration of Mental Storage Capacity, *Behavioral and Brain Sciences* 24(1): 87–114.
- Crocker, Jennifer, Marc-Andre Olivier and Noah Nuer, N. (2009). Self-Image Goals and Compassionate Goals: Costs and Benefits, *Self and Identity* 8: 251–269.
- Darwin, Charles (1871). *The Descent of Man, and Selection in Relation to Sex* (London: John Murray). Available at: <http://darwin-online.org.uk/content/frameset?pageseq=1&itemID=F937.1&viewtype=text>.
- Dawkins, Richard (2016). *The Selfish Gene: 40th Anniversary Edition* (Oxford: Oxford University Press).
- de Vries, Robert and Jason Rentfrow (2016). *A Winning Personality: The Effects of Background on Personality and Earnings* (London: Sage).

- Trust). Available at: <https://www.suttontrust.com/wp-content/uploads/2016/01/Winning-Personality-FINAL.pdf>.
- Deans for Impact (2015). *The Science of Learning* (Austin, TX: Deans for Impact). Available at: http://www.deansforimpact.org/pdfs/The_Science_of_Learning.pdf.
- Deary, Ian J. (2001). *Intelligence: A Very Short Introduction* (New York: Oxford University Press).
- Deary, Ian J., Steve Strand, Pauline Smith and Cres Fernandes (2007). Intelligence and Educational Achievement, *Intelligence* 35(1): 12–21.
- Deary, Ian J. (2008). Why Do Intelligent People Live Longer?, *Nature* 456: 175–176.
- Deary, Ian J., G. David Batty and Catherine R. Gale (2008). Bright Children Become Enlightened Adults, *Psychological Science* 19(1): 1–6.
- Deary, Ian J., Steve Strand, Pauline Smith and Cres Fernandes (2007). Intelligence and Educational Achievement, *Intelligence* 35(1): 13–21.
- Dehaene, S. (2010). *Reading in the Brain: The New Science of How We Read* (London: Penguin).
- Dennett, Daniel C. (1987). *The Intentional Stance* (Cambridge, MA: MIT Press).
- Dennett, Daniel C. (1991). *Consciousness Explained* (London: Penguin).
- Detterman, Douglas K. (1993). The Case for the Prosecution: Transfer as an Epiphenomenon. In Douglas K. Detterman and Robert J. Sternberg (eds), *Transfer on Trial: Intelligence, Cognition, and Instruction* (Westport, CT: Ablex Publishing), pp. 1–23.
- Detterman, Douglas K. (2016). Education and Intelligence: Pity the Poor Teacher Because Student Characteristics are More Significant Than Teachers or Schools, *Spanish Journal of Psychology* 19(93): 1–11.
- Diamond, Jared (1998). *Guns, Germs and Steel: A Short History of Everybody for the Last 13,000 Years* (London: Vintage).
- Dickens, William T. and James R. Flynn (2006). Black Americans Reduce the Racial IQ Gap: Evidence from Standardization Samples, *Psychological Science* 17(10): 913–920.
- Didau, David (2015). *What If Everything You Knew About Education Was Wrong?* (Carmarthen: Crown House Publishing).
- Didau, David and Nick Rose (2016). *What Every Teacher Needs to Know About Psychology* (Woodbridge: John Catt Educational).
- Dolan, Paul (2014). *Happiness by Design: Finding Pleasure in Everyday Life* (London: Penguin).
- Doyle, Arthur Conan (2001 [1887]). *A Study in Scarlet* (London: Penguin).
- Doyle, Arthur Conan (2001 [1890]), *The Sign of Four* (London: Penguin).
- Dunlosky, John (2013). Strengthening the Student Toolbox: Study Strategies to Boost Learning, *American Educator* 37(3): 12–21. Available at: <https://www.aft.org/sites/default/files/periodicals/dunlosky.pdf>.
- Dunlosky, John and Thomas O. Nelson (1994). Does the Sensitivity of Judgements of Learning (JoLs) to the Effects of Various Study Activities Depend Upon When the JoLs Occur?, *Journal of Memory and Language*, 33, 545–565.
- Dunlosky, John, Katherine A. Rawson, Elizabeth J. Marsh, Mitchell J. Nathan and Daniel T. Willingham (2013). Improving Students' Learning with Effective Learning Techniques: Promising Directions from Cognitive and Educational Psychology, *Psychological Science in the Public Interest* 14(1), 4–58.
- Dweck, Carol S. (2015a). Carol Dweck Revisits the 'Growth Mindset', *Education Week* (23 September). Available at: <https://www.stem.org.uk/system/files/community-resources/2016/06/DweckEducationWeek.pdf>.
- Dweck, Carol S. (2015b). *Mindset: How You Can Fulfill Your Potential* (London: Constable & Robinson).
- Dweck, Carol S. (2018). Growth Mindset Interventions Yield Impressive Results, *The Conversation* (26 June). Available at: <https://theconversation.com/growth-mindset-interventions-lead-impressive-results-97423>.
- Ebbinghaus, Hermann (1913 [1885]). *Memory: A Contribution to Experimental Psychology*, tr. Henry A. Ruger and Clara E. Bussenius (New York: Dover Teachers College, Columbia University).
- Education Endowment Foundation (EEF) (2015). *Changing Mindsets: Evaluation Report and Executive Summary* (London: EEF). Available at: https://v1.educationendowmentfoundation.org.uk/uploads/pdf/Changing_Mindsets.pdf.
- Education Week Research Center (2016). *Mindset in the Classroom: A National Study of K-12 Teachers*. Available at: http://www.edweek.org/media/ewrc_mindsetintheclassroom_sept2016.pdf.

- Egbert of Liège (2013). *The Well-Laden Ship*, tr. Robert Gary Babcock (Cambridge, MA: Harvard University Press).
- Enquist, Magnus, Stefano Ghirlanda and Kimmo Eriksson (2011). Modelling the Evolution and Diversity of Cumulative Culture, *Philosophical Transactions B* 366(1563): 412–423.
- Enquist, Magnus, Stefano Ghirlanda, Arne Jarrick and Carl Adam Wachtmeister (2008). Why Does Human Culture Increase Exponentially?, *Theoretical Population Biology* 74(1): 46–55.
- Epstein, David (2014). *The Sports Gene: Talent, Practice and the Truth About Success* (London: Yellow Jersey).
- Ericsson, Anders and Pool, Robert. (2016). *Peak: Secrets from the New Science of Expertise* (London: Bodley Head).
- Ericsson, K. Anders (2007). Deliberate Practice and the Modifiability of Body and Mind: Toward a Science of the Structure and Acquisition of Expert and Elite Performance, *International Journal of Sport Psychology* 38(1): 4–34.
- Ericsson, K. Anders and Neil Charness (1994). Expert Performance: Its Structure and Acquisition, *American Psychologist* 49(8): 725–747.
- Ericsson, K. Anders, Ralf Th. Krampe and Clemens Tesch-Römer (1993). The Role of Deliberate Practice in the Acquisition of Expert Performance, *Psychological Review* 100(3): 361–406.
- Ericsson, K. Anders, Michael J. Prietula and Edward T. Cokely (2007). The Making of an Expert, *Harvard Business Review* 85(7–8): 114–121.
- Farrington, David P. (2007). Origins of Violent Behavior Over the Life Span. In Daniel J. Flannery, Alexander T. Vazsonyi and Irwin D. Waldman (eds), *The Cambridge Handbook of Violent Behavior and Aggression* (Cambridge: Cambridge University Press), pp. 19–48.
- Feynman, Richard P. (1973). Names Don't Constitute Knowledge [video of Yorkshire Television interview]. Available at: <https://youtube.com/IFIYKmos3-s>
- Feynman, Richard P. (1974). Cargo Cult Science: Some Remarks on Science, Pseudoscience, and Learning How to Not Fool Yourself. Available at: <http://calteches.library.caltech.edu/51/2/CargoCult.htm>.
- Fisch, Karl (2008). Shift Happens [video]. Available at: <https://www.youtube.com/watch?v=emx92kBKads>.
- Fitts, Paul M. and Michael I. Posner (1979). *Human Performance* (Westwood, CT: Greenwood Press).
- Flynn, James R. (1987). Massive IQ Gains in 14 Nations: What IQ Tests Really Measure, *Psychological Bulletin* 101(2): 171–191.
- Flynn, James R. (2007). *What is Intelligence? Beyond the Flynn Effect* (Cambridge: Cambridge University Press).
- Flynn, James R. (2012). *Are We Getting Smarter? Rising IQ in the Twenty-First Century* (Cambridge: Cambridge University Press).
- Flynn, James R. (2013). Why Our IQ levels are Higher Than Our Grandparents', *TED.com*. Available at: https://www.ted.com/talks/james_flynn_why_our_iq_levels_are_higher_than_our_grandparents/transcript.
- Foer, Joshua (2012a). Feats of Memory Anyone Can Do [video], *TED.com*. Available at: http://www.ted.com/talks/joshua_foer_feats_of_memory_anyone_can_do?awesm=on.ted.com_Foer&utm_campaign=&utm_medium=on.ted.com-static&utm_source=t.co&utm_content=awesm-publisher.
- Foer, Joshua (2012b). *Moonwalking with Einstein: The Art and Science of Remembering Everything* (New York: Penguin).
- Ford, Martin E. and Marie S. Tisak (1983). A Further Search for Social Intelligence, *Journal of Educational Psychology* 75(2): 196–206.
- Fordham, Michael (2017). Knowledge as the Currency of Teaching, *Clio et cetera* (12 October). Available at: <https://clioetcetera.com/2017/10/12/knowledge-as-the-currency-of-teaching>.
- Freund, Phillip A. and Heinz Holling (2011). Who Wants to Take an Intelligence Test? Personality and Achievement Motivation in the Context of Ability Testing, *Personality and Individual Differences* 50(5): 723–728.
- Fuller, R. Buckminster (1981). *Critical Path*, 2nd rev. edn (New York: St Martin's Press).
- Gale, Catherine R., G. David Batty, Per Tynelius, Ian J. Deary and Finn Rasmussen (2010). Intelligence in Early Adulthood and Subsequent Hospitalization and Admission Rates for the Whole Range of Mental Disorders: Longitudinal Study of 1,049,663 Men, *Epidemiology* 21(1): 70–77.
- Gardner, Howard (1983). *Frames of Mind: The Theory of Multiple Intelligences* (New York: Basic Books).
- Gardner, Howard (2016). Multiple Intelligences: Prelude, Theory, and Aftermath. In Robert J. Sternberg, Susan T. Fiske and Donald J. Fiske (eds), *Handbook of Intelligence* (New York: Guilford Press), pp. 1–15.

- (eds), *Scientists Making a Difference: One Hundred Eminent Behavioral and Brain Scientists Talk About Their Most Important Contributions* (New York: Cambridge University Press), pp. 167–170.
- Geary, David C. (2007). Educating the Evolved Mind: Conceptual Foundations for an Evolutionary Educational Psychology. In Jerry S. Carlson and Joel R. Levin (eds), *Educating the Evolved Mind: Conceptual Foundations for an Evolutionary Educational Psychology* (Charlotte, NC: Information Age Publishing), pp. 1–99.
- Geary, David C. and Daniel B. Berch (2016). Evolution and Children's Cognitive and Academic Development. In David C. Geary and Daniel B. Berch (eds), *Evolutionary Perspectives on Child Development and Education* (Basel: Springer International Publishing), pp. 217–250.
- Genovese, Jeremy E. (2002). Cognitive Skills Valued by Educators: Historical Content Analysis of Testing in Ohio, *Journal of Educational Research* 96: 101–114.
- George, Andrew R. (2005). In Search of the é.dub.ba.a: The Ancient Mesopotamian School in Literature and Reality. In Yitzhak Sefati, Pinhas Artzi, Chaim Cohen, Barry L. Eichler and Victor A. Hurowitz, *An Experienced Scribe Who Neglects Nothing: Ancient Near Eastern Studies in Honor of Jacob Klein* (Potomac, MD: CDL Press), pp. 127–137.
- Gladwell, Malcom (2009). *Outliers: The Story of Success* (London: Penguin).
- Glass, Arnold L. and Mengxue Kang (2018). Dividing Attention in the Classroom Reduces Exam Performance, *Educational Psychology* (26 July). Available at: <https://www.tandfonline.com/doi/full/10.1080/01443410.2018.1489046>.
- Godden, Duncan R. and Alan D. Baddeley (1975). Context-Dependent Memory in Two Natural Environments: On Land and Underwater, *British Journal of Psychology* 66(3): 325–331.
- Goleman, Daniel (1995). *Emotional Intelligence: Why It Can Matter More Than IQ* (London: Bloomsbury).
- Gosse, Philip H. (1857). *Omphalos: An Attempt to Untie the Geological Knot* (London: John Van Voorst).
- Gottfredson, Linda S. (1997). Mainstream Science on Intelligence: An Editorial with 52 Signatories, History, and Bibliography, *Intelligence* 24: 13–23.
- Gould, Stephen J. (1981). *The Mismeasure of Man* (New York: Norton & Co.).
- Gross-Loh, Christine (2016). How Praise Became a Consolation Prize [interview with Carol Dweck], *The Atlantic* (16 December). Available at: <https://www.theatlantic.com/education/archive/2016/12/how-praise-became-a-consolation-prize/510845/>.
- Haidt, Jonathan (2012). *The Righteous Mind: Why Good People Are Divided by Politics and Religion* (London: Penguin).
- Haier, Richard J. (2017). *The Neuroscience of Intelligence* (New York: Cambridge University Press).
- Heck, Patrick R., Daniel J. Simons and Christopher F. Chabris (2018). 65% of Americans Believe They Are Above Average in Intelligence: Results of Two Nationally Representative Surveys, *PLOS ONE* 13(7): e0200103. Available at: <http://journals.plos.org/plosone/article/citation?id=10.1371/journal.pone.0200103>.
- Guardian, The (2018a). Atlas Jogged: Humanoid Robot Can Now Run Through a Park All By Itself (11 May). Available at: <https://www.theguardian.com/technology/2018/may/11/boston-dynamics-atlas-jog-humanoid-robot-run-through-park>.
- Guardian, The (2018b). Can These Robots Build An Ikea Chair? (18 April). Available at: <https://www.theguardian.com/technology/video/2018/apr/18/can-these-robots-build-an-ikea-chair-video>.
- Hallam, Susan, Tiija Rinta, Maria Varvarigou, Andrea Creech, Ioulia Papageorgi, Teresa Gomes and Jennifer Lanipekun (2012). The Development of Practising Strategies in Young People, *Psychology of Music* 40(5): 652–680.
- Hansen, Karsten T., James J. Heckman and Kathleen J. Mullen (2004). The Effect of Schooling and Ability on Achievement Test Scores, *Journal of Econometrics* 121(1–2): 39–98.
- Harari, Yuval Noah (2016). *Homo Deus: A Brief History of Tomorrow* (London: Penguin).
- Hari, Johann (2010). The Two Churchills, *New York Times* (12 August). Available at: <https://www.nytimes.com/2010/08/15/books/review/Hari-t.html>.
- Härnqvist, Kjell (1968). Relative Changes in Intelligence from 13 to 18. I: Background and Methodology, *Scandinavian Journal of Psychology* 9(1): 50–64.

- Harris, Judith R. (1999). *The Nurture Assumption: Why Children Turn Out the Way They Do* (London: Bloomsbury).
- Harrison, Tyler L., Zach Shipstead, Kenny L. Hicks, David Z. Hambrick, Thomas S. Redick and Randall W. Engle (2013). Working Memory Training May Increase Working Memory Capacity But Not Fluid Intelligence, *Psychological Science* 24(12): 2409–2419.
- Hart, Betty and Todd R. Risley (1995). *Meaningful Differences in the Everyday Experience of Young American Children* (Baltimore, MD: Brookes Publishing).
- Hattie, John (2008). *Visible Learning: A Synthesis of Over 800 Meta-Analyses Relating to Achievement* (Abingdon: Routledge).
- Hattie, John and Gregory Yates (2014). *Visible Learning and the Science of How We Learn* (Abingdon: Routledge).
- Heath, Chip and Dan Heath (2007). *Made to Stick: Why Some Ideas Take Hold and Others Come Unstuck* (London: Arrow Books).
- Henke, Katharina (2010). A Model for Memory Systems Based on Processing Modes Rather Than Consciousness, *Nature Reviews Neuroscience* 11(7): 523–532.
- Herrnstein, Richard J. and Charles Murray (1996). *The Bell Curve: Intelligence and Class Structure in American Life* (New York: Free Press).
- Hirsch, Jr, Eric Donald (1988). *Cultural Literacy: What Every American Needs to Know* (Boston, MA: Houghton Mifflin).
- Hirsch, Jr, Eric Donald (2000). 'You Can Always Look It Up' ... Or Can You?, *American Educator* 24(1): 4–9. Available at: <https://www.aft.org/sites/default/files/periodicals/LookItUpSpring2000.pdf>.
- Hirsch, Jr, Eric Donald (2016). *Why Knowledge Matters: Rescuing Our Children from Failed Educational Theory* (Cambridge, MA: Harvard Education Press).
- Hofstadter, Douglas and Emmanuel Sander (2013). *Surfaces and Essences* (New York: Basic Books).
- Howard-Jones, Paul (2018). *Evolution of the Learning Brain: Or How You Got To Be So Smart* (Abingdon: Routledge).
- Howe, Michael J. A. (1998). Can IQ change?, *The Psychologist* 11: 69–72.
- Howe, Michael J. A. (1999). *Genius Explained* (Cambridge: Cambridge University Press).
- IBM Global Technology Services (2006). The Toxic Terabyte: How Data-Dumping Threatens Business Efficiency (July). Available at: http://www-935.ibm.com/services/no/cio/leverage/levinfo_wp_gts_thetoxic.pdf.
- Intelligence and Its Measurement: A Symposium (1921). *Journal of Educational Psychology*, 12(3): 123–147.
- Jaeggi, Susanne M., Martin Buschkuhl, John Jonides and Walter J. Perrig (2008). Improving Fluid Intelligence with Training on Working Memory, *PNAS* 105(19): 6829–6833.
- Jerrim, John (2017). *Global Gaps: Comparing Socio-economic Gaps in the Performance of Highly Able UK Pupils Internationally* (London: Sutton Trust). Available at: https://www.suttontrust.com/wp-content/uploads/2017/02/Global-Gaps_FINAL_V2_WEB.pdf.
- Johns, Lindsay (2010). In Praise of Dead White Men, *Prospect Magazine* (23 September). Available at: <https://www.prospectmagazine.co.uk/magazine/in-defence-of-dead-white-men>.
- Jones, Garrett (2008). Are Smarter Groups More Cooperative? Evidence from Prisoner's Dilemma Experiments, 1959–2003, *Journal of Economic Behaviour & Organisation* 68(3–4): 489–497.
- Joseph, Dana and Daniel A. Newman (2010). Emotional Intelligence: An Integrative Meta-Analysis and Cascading Model, *Journal of Applied Psychology* 95(1): 54–78.
- Jubilee Centre for Character and Virtues (2017). *A Framework for Character Education in Schools* (Birmingham: Jubilee Centre for Character and Virtues). Available at: <https://www.jubileecentre.ac.uk/userfiles/jubileecentre/pdf/character-education/Framework%20for%20Character%20Education.pdf>.
- Jussim, Lee and Kent D. Harber (2005). Teacher Expectations and Self-Fulfilling Prophecies: Knowns and Unknowns, Resolved and Unresolved Controversies, *Personality and Social Psychology Review* 9(2): 131–155.
- Kalenze, Eric (2014). *Education is Upside-Down: Reframing Reform to Focus on the Right Problems* (Lanham, MD: Rowman & Littlefield).
- Kalyuga, Slava, Paul Ayres, Paul Chandler and John Sweller (2003). The Expertise Reversal Effect, *Educational Psychologist* 38(1): 29–38.
- Kennedy, Benjamin H. (1881). *The Theaetetus of Plato*, with translation and notes (Cambridge: Cambridge University Press).

- Kerr, Hugo (n.d.). *The Cognitive Psychology of Literacy Teaching: Reading, Writing, Spelling, Dyslexia (& A Bit Besides)*. Available at: <http://www.hugokerr.info/book.pdf>.
- Keyes, Daniel (1966). *Flowers for Algernon* (New York: Harcourt).
- King, Jr, Martin Luther (1947). The Purpose of Education, *The Maroon Tiger* [Morehouse College Student Paper]. Available at: <https://www.drmartinlutherkingjr.com/thepurposeofeducation.htm>.
- Kini, Tara and Anne Podolsky (2016). Does Teaching Experience Increase Teacher Effectiveness? A Review of the Research, *Learning Policy Institute* (3 June). Available at: <https://learningpolicyinstitute.org/product/does-teaching-experience-increase-teacher-effectiveness-review-research>.
- Kirschner, Paul A. (2009). Epistemology or Pedagogy, That Is the Question. Available at: <https://dspace.ou.nl/bitstream/1820/2326/1/Epistemology%20or%20Pedagogy%20-%20That%20is%20the%20Question.pdf>.
- Kirschner, Paul A., John Sweller and Richard E. Clark (2006). Why Minimal Guidance During Instruction Does Not Work: An Analysis of the Failure of Constructivist, Discovery, Problem-Based, Experiential, and Inquiry-Based Teaching, *Educational Psychologist* 41(2): 75–86.
- Kleinerman, Alexandra (2011). *Education in Early 2nd Millennium BC Babylonia: The Sumerian Epistolary Miscellany* (Leiden: Brill).
- Konnikova, Maria (2016). Practice Doesn't Make Perfect, *The New Yorker* (28 September). Available at: <https://www.newyorker.com/science/maria-konnikova/practice-doesnt-make-perfect>.
- Kristjánsson, Kristján (2016). *The Sutton Trust Report and Its Fallout: Some Curious Ideas About the Shaping of Personality as 'Character Education'* (Birmingham: Jubilee Centre for Character and Virtues). Available at: <https://www.jubileecentre.ac.uk/userfiles/jubileecentre/pdf/insight-series/Kristjansson%20K%20-%20The%20Sutton%20Trust%20Report%20and%20Its%20Fallout.pdf>.
- Kuncel, Nathan R. and Sarah A. Hezlett (2010). Fact and Fiction in Cognitive Ability Testing for Admissions and Hiring Decisions, *Current Directions in Psychological Science* 19(6): 339–345.
- Laland, Kevin N. (2017). *Darwin's Unfinished Symphony: How Culture Made the Human Mind* (Princeton, NJ: Princeton University Press).
- Larkin, Jill, John McDermott, Dorothea P. Simon and Herbert A. Simon (1980). Expert and Novice Performance in Solving Physics Problems, *Science* 208(4450): 1335–1342.
- Lattman, Peter (2007). The Origins of Justice Stewart's 'I Know It When I See It', *Wall Street Journal Law Blog* (27 September). Available at: <https://blogs.wsj.com/law/2007/09/27/the-origins-of-justice-stewarts-i-know-it-when-i-see-it/>.
- Lave, Jean (1988). *Cognition in Practice: Mind, Mathematics, and Culture in Everyday Life* (Cambridge, MA: Cambridge University Press).
- Lawson, Rebecca (2006). The Science of Cyclopedia: Failures to Understand How Everyday Objects Work, *Memory & Cognition* 34(8): 1667–1675.
- Lee, Chee Ha and Slava Kalyuga (2014). Expertise Reversal Effect and its Instructional Implications. In Victor A. Benassi, Catherine E. Overson and Christopher M. Hakala (eds), *Applying Science of Learning in Education: Infusing Psychological Science into the Curriculum* (Washington, DC: American Psychological Association). Available at: <http://teachpsych.org/Resources/Documents/ebooks/asle2014.pdf>, pp. 31–44.
- Legg, Shane and Marcus Hutter (2007). A Collection of Definitions of Intelligence, *Frontiers in Artificial Intelligence and Applications* 157: 17–24.
- Lehrer, Jonah (2010). The Itch of Curiosity, *Wired* (8 March). Available at <https://www.wired.com/2010/08/the-itch-of-curiosity/>.
- Leslie, Ian (2014). *Curious: The Desire To Know and Why Your Future Depends On It* (London: Quercus Editions).
- Li, Yue and Timothy C. Bates (2017). Does Growth Mindset Improve Children's IQ, Educational Attainment or Response to Setbacks? Active-Control Interventions and Data on Children's Own Mindsets. Available at: <https://osf.io/preprints/socarxiv/tsdwy>.
- Liu, Hui-Ju (2010). The Relation of Academic Self-Concept to Motivation among University EFL Students, *Feng Chia Journal of Humanities and Social Sciences*, 20: 207–225.
- Loewen, James W. (1995). *Lies My Teacher Told Me: Everything Your American History Textbook Got Wrong* (New York: New Press).
- Loftus, Elizabeth F. and John C. Palmer (1974). Reconstruction of Automobile Destruction: An Example of the Interaction between Language and Memory, *Journal of Verbal Learning and Verbal Behavior* 13(5): 585–589.

- Lorentz, Hendrik Antoon (1909). *The Theory of Electrons and its Applications to the Phenomena of Light and Radiant Heat; A Course of Lectures Delivered in Columbia University, New York, in March and April, 1906* (Leipzig: B. G. Teubner; New York: G. E. Stechert & Co.).
- Lucas, Alan, Ruth Morley, Tim J. Cole, Gill Lister and Catherine Leeson-Payne (1992). Breast Milk and Subsequent Intelligence Quotient in Children Born Preterm, *The Lancet*, 339(8788): 261–264.
- Luria, Alexander Romanovich (1976). *Cognitive Development: Its Cultural and Social Foundations*, tr. Michael Cole. (Cambridge, MA: Harvard University Press).
- Marr, Andrew (2013). *A History of the World* (London: Pan Macmillan).
- Marzano, Robert J. (2010). The Art and Science of Teaching/Teaching Inference, *Educational Leadership* 67(7): 80–81. Available at: <http://www.ascd.org/publications/educational-leadership/apr10/vol67/num07/Teaching-Inference.aspx>.
- Mayer, Richard E. (2009). Research-Based Principles for Designing Multimedia Instruction. In Victor A. Benassi, Catherine E. Overson and Christopher M. Hakala (eds), *Applying Science of Learning in Education: Infusing Psychological Science into the Curriculum* (Washington, DC: American Psychological Association). Available at: <http://teachpsych.org/Resources/Documents/ebooks/asle2014.pdf>, pp. 59–70.
- Mayer, Richard E. and Roxana Moreno (2003). Nine Ways to Reduce Cognitive Load in Multimedia Learning, *Educational Psychologist* 38(1): 43–52.
- McInerney, Laura (2016). Profiles: Andrew Sabisky, Political Forecaster, *Schools Week* (5 July). Available at: <https://schoolsweek.co.uk/andrew-sabisky-political-forecaster/>.
- McCloskey, Deirdre (2014). Equality Lacks Relevance If the Poor Are Growing Richer, *Financial Times* (11 August). Available at: <https://www.ft.com/content/4c62ddaa-e698-11e3-9a20-00144feabdc0>.
- McPherson, Gary E. and James M. Renwick (2001). A Longitudinal Study of Self-Regulation in Children's Musical Practice, *Music Education Research* 3(2): 169–186.
- McWeeny, Kathryn, Andrew Young, Dennis Hay and Andrew Ellis (1987). Putting Names to Faces, *British Journal of Psychology* 78: 143–146.
- Meltzoff, Andrew N. (1999). Born to Learn: What Infants Learn from Watching Us. In Nathan A. Fox, Lewis A. Leavitt and John G. Worhol (eds), *The Role of Early Experience in Infant Development* (Skillman, NJ: Johnson & Johnson), pp. 145–160.
- Merton, Robert K. (1968). The Matthew Effect in Science, *Science* 159 (3810): 56–63.
- Metcalf, Janet and Bridgid Finn (2011). People's Hypercorrection of High Confidence Errors: Did They Know It All Along?, *Journal of Experimental Psychology: Learning, Memory, and Cognition* 37(2): 437–448.
- Meyer, Erik and Ray Land (2003). Threshold Concepts and Troublesome Knowledge: Linkages to Ways of Thinking and Practising. In Chris Rust (ed.), *Improving Student Learning: Theory and Practice Ten Years On* (Oxford: Oxford Centre for Staff and Learning Development), pp. 412–424.
- Miller, George A. (1956). The Magical Number Seven, Plus or Minus Two: Some Limits on Our Capacity for Processing Information, *Psychological Review* 63(2): 81–97.
- Millon, Theodore, Erik Simonsen, Morten Birket-Smith and Roger D. Davis (eds) (1998). *Psychopathy: Antisocial, Criminal, and Violent Behavior* (New York: Guilford Press).
- Mlodinow, Leonard (2018). *Elastic: Flexible Thinking in a Constantly Changing World* (London: Allen Lane).
- Monbiot, George (2017). In An Age of Robots, Schools Are Teaching Our Children To Be Redundant, *The Guardian* (15 February). Available at: <https://www.theguardian.com/commentisfree/2017/feb/15/robots-schools-teaching-children-redundant-testing-learn-fun>.
- Moody, David E. (2009). Can Intelligence be Increased by Training on a Task of Working Memory?, *Intelligence* 37(4): 327–328.
- Moran, Caitlin (2017). Why I Should Run Our Schools, *The Times* (29 April). Available at: <https://www.thetimes.co.uk/article/caitlin-moran-why-i-should-be-education-secretary-9llh939r2>.
- Moriarty, Catherine (ed.) (1989). *The Voice of the Middle Ages: In Personal Letters 1100–1500* (New York: Peter Bedrick Books).
- Morris, Errol (2010). The Anosognosic's Dilemma: Something's Wrong But You'll Never Know What It Is (Part 1) [interview with David Dunning], *New York Times Opinionator Blog* (20 June). Available at: <https://opinionator.blogs.nytimes.com/2010/06/20/the-anosognosic-dilemma-1/>.

- Mortensen, Erik L., Kim F. Michaelsen, Stephanie A. Sanders and June A. Reinisch (2002). The Association between Duration of Breastfeeding and Adult Intelligence, *Journal of the American Medical Association* 287(18): 2365–2371.
- Mosel, Jason S., Hans S. Schroder, Carrie Heeter, Tim P. Moran and Yu-Hao Lee (2011). Mind Your Errors: Evidence for a Neural Mechanism Linking Growth Mind-Set to Adaptive Posterror Adjustments, *Psychological Science* 22(12): 1484–1489.
- Mosing, Miriam A., Nancy L. Pedersen, Guy Madison and Fredrik Ullén (2014). Genetic Pleiotropy Explains Associations between Musical Auditory Discrimination and Intelligence, *PLOS ONE* 9(11): e113874.
- Murman, Daniel (2015). The Impact of Age on Cognition, *Seminars in Hearing* 36(3): 111–121.
- Murphy, James and Dianne Murphy (2018). *Thinking Reading: What Every Secondary Teacher Needs to Know About Reading* (Woodbridge: John Catt Educational).
- Murphy Paul, Annie (2004). *The Cult of Personality: How Personality Tests Are Leading Us To Miseducate Our Children, Mismanage Our Companies, and Misunderstand Ourselves* (New York: Free Press).
- Murre, Jaap M. J. and Joeri Dros (2015). Replication and Analysis of Ebbinghaus' Forgetting Curve, *PLOS ONE* 10(7): e0120644.
- Neisser, Ulric (1997). Rising Scores on Intelligence Tests: Test Scores are Certainly Going Up All Over the World, But Whether Intelligence Itself Has Risen Remains Controversial, *American Scientist* 85(5): 440–447.
- Neisser, Ulric, Gwyneth Boodoo, Thomas J. Bouchard, Jr, A. Wade Boykin, Nathan Brody, Stephen J. Ceci et al. (1996). Intelligence: Knowns and Unknowns, *American Psychologist* 51(2): 77–101.
- Nakajima, Gene (1986). Gertrude Stein's Medical Education and Her Evolving Feminism. Unpublished manuscript. Chesney Archives, Johns Hopkins Medical Institutions, MD.
- Nettle, Daniel (2003). Intelligence and Class Mobility in the British Population, *British Journal of Psychology* 94: 551–561.
- Nettlebeck, Ted and Carlene Wilson (2004). The Flynn Effect: Smarter Not Faster, *Intelligence* 32(1): 85–93.
- Newton, Elizabeth (1990). *Overconfidence in the Communication of Intent: Heard and Unheard Melodies*. PhD dissertation. Stanford University, CA.
- Nisbett, Richard E. (2010). *Intelligence and How to Get it: Why Schools and Cultures Count* (New York: W. W. Norton & Co).
- Nisbett, Richard E. (2013). Schooling Makes You Smarter: What Educators Need To Know About IQ, *American Educator* 37(1): 10–19. Available at: <https://www.aft.org/sites/default/files/periodicals/Nisbett.pdf>.
- Nusbaum, Emily C. and Paul J. Silvia (2011). Are Intelligence and Creativity Really So Different? Fluid Intelligence, Executive Processes, and Strategy Use in Divergent Thinking, *Intelligence* 39(1): 36–45.
- Nuthall, Graham (2007). *The Hidden Lives of Learners* (Wellington: New Zealand Council for Educational Research Press).
- Oakeshott, Michael (1962). *Rationalism in Politics and Other Essays* (London: Methuen).
- Original Positions (2013). Finnegans Wake – Book I Chapter 1 (22 December). Available at: <http://www.originalpositions.com/2013/12/finnegans-wake-book-i-chapter-1/>.
- Pashler, Harold, Patrice M. Bain, Brian A. Bottge, Arthur Graesser, Kenenth Koedinger, Mark McDaniel and Janet Metcalfe (2007). *Organizing Instruction and Study to Improve Student Learning* (NCER 2007– 2004) (Washington, DC: National Center for Education Research, Institute of Education Sciences, US Department of Education). Available at: <http://ncer.ed.gov>.
- Paunesku, Dave (2015). Mindset Misconceptions: Trying Hard ≠ Growth Mindset, *medium.com* (17 November). Available at: <https://medium.com/learning-mindset/mindset-misconceptions-trying-hard-growth-mindset-8ceb12a33636>.
- Pinker, Steven (1999). *How the Mind Works* (London: Penguin).
- Pinker, Steven (2002). *The Blank Slate: The Modern Denial of Human Nature* (London: Penguin).
- Pinker, Steven (2011). *The Better Angels of Our Nature: A History of Violence and Humanity* (London: Penguin).
- Pinker, Steven (2015). *The Language Instinct: How the Mind Creates Language* (London: Penguin).
- Plomin, Robert and Ian Deary (2015). Genetics and Intelligence Differences: Five Special Findings, *Molecular Psychiatry* 20(1): 98–108.

- Plomin, Robert, John C. DeFries, Valerie S. Knopik and Jenae M. Neiderhiser (2013). *Behavioral Genetics*, 6th edn (New York: Worth Publishers).
- Polanyi, Michael (1998 [1958]). *Personal Knowledge: Towards a Post-Critical Philosophy* (New York: Psychology Press).
- Polanyi, Michael (1966). *The Tacit Dimension* (Abingdon: Routledge).
- Pomerance, Laura, Julie Greenberg and Kate Walsh (2016). *Learning About Learning: What Every New Teacher Needs To Know* (Washington, DC: National Council on Teacher Quality). Available at: http://www.nctq.org/dmsView/Learning_About_Learning_Report.
- Popper, Karl (2001). *All Life is Problem Solving* (Abingdon: Routledge).
- Quigley, Alex (2018). *Closing the Vocabulary Gap* (Abingdon: Routledge).
- Ragan, C. Ian, Imre Bard and Ilina Singh (2013). What Should We Do About Student Use of Cognitive Enhancers? An Analysis of Current Evidence, *Neuropharmacology* 64: 588–595.
- Reinke, Edgar C. (1975). Quintilian Lighted the Way, *Classical Bulletin* 51: 65–71.
- Richardson, Ken (2017). *Genes, Brains and Human Potential: The Science and Ideology of Intelligence* (New York and Chichester: Columbia University Press).
- Ridley, Matt (1999). *Genome: The Autobiography of a Species in 23 Chapters* (London: Harper Perennial).
- Ridley, Matt (2015). *The Evolution of Everything: How Ideas Emerge* (London: Fourth Estate).
- Rienzo, Cinzia, Heather Rolfe and David Wilkinson (2015). *Changing Mindsets: Evaluation Report and Executive Summary* (London: Education Endowment Foundation). Available at: https://v1.educationendowmentfoundation.org.uk/uploads/pdf/Changing_Mindsets.pdf.
- Ritchie, Stuart J. (2015). *Intelligence: All That Matters* (London: Hodder & Stoughton).
- Ritchie, Stuart J. and Elliot M. Tucker-Drob (2018). How Much Does Education Improve Intelligence? A Meta-Analysis, *Psychological Science*. <https://doi.org/10.1177/0956797618774253>
- Ritchie, Stuart J., Timothy C. Bates and Ian J. Deary (2015). Is Education Associated With Improvements in General Cognitive Ability, or in Specific Skills?, *Developmental Psychology* 51(5): 573–582.
- Ritchie, Stuart J., Timothy C. Bates and Timothy Plomin (2015). Does Learning to Read Improve Intelligence? A Longitudinal Multivariate Analysis in Identical Twins from Age 7 to 16, *Child Development* 86: 23–36.
- Rivkin, Steven G., Eric A. Hanushek and John F. Kain (2005). Teachers, Schools and Academic Achievement, *Econometrica* 73(2): 417–458.
- Roediger, Henry L. and Kathleen McDermott (1995). Creating False Memories: Remembering Words Not Presented in Lists, *Journal of Experimental Psychology: Learning, Memory, and Cognition* 21(4): 803–814.
- Roosevelt, Theodore (1889). *The Winning of the West*. Vol. 1: *From the Alleghanies to the Mississippi, 1769–1776* (New York: Cornell University Library).
- Rosenberg, Marc (2017). Marc My Words: The Coming Knowledge Tsunami, *Learning Solutions* (10 October). Available at: <https://www.learningsolutionsmag.com/articles/2468/marc-my-words-the-coming-knowledge-tsunami>.
- Rosenshine, Barak (2012). Principles of Instruction: Research Based Strategies That All Teachers Should Know, *American Educator* 36(1): 12–19. Available at: <https://www.aft.org/sites/default/files/periodicals/Rosenshine.pdf>.
- Rosenthal, Robert and Lenore Jacobson (1968). Pygmalion in the Classroom, *Urban Review* 3(1): 16–20.
- Rosling, Hans, with Ola Rosling and Anna Rosling Rönnlund (2018). *Factfulness: Ten Reasons We're Wrong About the World – And Why Things Are Better Than You Think* (London: Sceptre).
- Rosner, Mordechai and Michael Belkin (1987). Intelligence, Education, and Myopia in Males, *Archives of Ophthalmology* 105(11): 1508–1511.
- Sabisky, Andrew (2015). Five Myths About Intelligence. In David Didau, *What If Everything You Knew About Education Was Wrong?* (Carmarthen: Crown House Publishing), pp. 395–412.
- Sagan, Carl (1980). Encyclopaedia Galactica (Episode 12), *Cosmos* [video]. PBS (14 December).
- Sala, Giovanni N., Deniz Aksayli, K. Semir Tatlidil, Tomoko Tatsumi, Yasuyuki Gondo and Fernand Gobet (2018). Near and Far Transfer in Cognitive Training: A Second-Order Meta-Analysis. Available at: <https://psyarxiv.com/9efqd/>.

- Samuelsson, Stefan, Brian Byrne, Richard K. Olson, Jacqueline Hulslander, Sally Wadsworth, Robin Corley, Erik G. Willcutt and John C. DeFries (2008). Response to Early Literacy Instruction in the United States, Australia and Scandinavia: A Behavioural-Genetic Analysis, *Learning and Individual Differences* 18(3): 289–295.
- Sang-Hun, Choe (2009). South Korea Stretches Standards for Success, *New York Times* (22 December). Available at: <https://www.nytimes.com/2009/12/23/world/asia/23seoul.html>.
- Scarborough, Hollis S. (2001). Connecting Early Language and Literacy to Later Reading (Dis)Abilities: Evidence, Theory, and Practice. In Susan B. Neuman and David K. Dickinson (eds), *Handbook of Early Literacy* (New York: Guilford Press), pp. 97–110.
- Schmidt, Frank L., In-Sue Oh and Jonathan A. Shaffer (2016). The Validity and Utility of Selection Methods in Personnel Psychology: Practical and Theoretical Implications of 100 Years of Research Findings. Fox School of Business Research Paper (17 October). Available at: https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2853669.
- Serpell, Robert (1979). How Specific Are Perceptual Skills? A Cross-Cultural Study of Pattern Reproduction, *British Journal of Psychology* 70(3): 365–380.
- Shearer, C. Branton and Jessica M. Karanian (2017). The Neuroscience of Intelligence: Empirical Support for the Theory of Multiple Intelligences?, *Trends in Neuroscience and Education* 6: 211–223.
- Shenk, D. (2010). *The Genius In All of Us: Why Everything You've Been Told About Genes, Talent and Intelligence Is Wrong* (London: Icon Books).
- Sieczkowski, Cavan (2013). 1912 Eighth-Grade Exam Stumps 21st-Century Test-Takers, *Huffington Post* (8 December). Available at: https://www.huffingtonpost.co.uk/entry/1912-eighth-grade-exam_n_3744163?guccounter=1.
- Simmons, Roger W., Tara Wass, Jennifer D. Thomas and Edward P. Riley (2002). Fractionated Simple and Choice Reaction Time in Children With Prenatal Exposure to Alcohol, *Alcoholism: Clinical and Experimental Research* 26(9): 1412–1419.
- Simon, Daniel J., Walter R. Boot, Neil Charness, Susan E. Gathercole, Christopher F. Chabris, David Z. Hambrick and Elizabeth A. L. Stine-Morrow (2016). Do 'Brain- Training' Programs Work?, *Psychological Science in the Public Interest* 17(3): 103–186.
- Sisk, Victoria F., Alexander P. Burgoyne, Jingze Sun, Jennifer L. Butler and Brooke N. Macnamara (2018). To What Extent and Under Which Circumstances Are Growth Mind-Sets Important to Academic Achievement? Two Meta-Analyses, *Psychological Science* 29(4): 549–571.
- Smith, Adam (1759). *The Theory of Moral Sentiments* (London: Andrew Millar; Edinburgh: Alexander Kincaid and J. Bell).
- Smith, Steven M. (1985). Background Music and Context-Dependent Memory, *American Journal of Psychology* 98(4): 591–603.
- Soderstrom, Nicholas C. and Robert A. Bjork (2013). Learning Versus Performance. In Dana S. Dunn (ed.), *Oxford Bibliographies Online: Psychology* (New York: Oxford University Press). Available at: https://bjorklab.psych.ucla.edu/wp-content/uploads/sites/13/2016/07/Soderstrom_Bjork_Learning_versus_Performance.pdf.
- Sokal, Alan G. (1996). Transgressing the Boundaries: Towards a Transformative Hermeneutics of Quantum Gravity, *Social Text* 46/47: 217–252.
- Son, Lisa K. and Janet Metcalfe (2005). Judgements of Learning: Evidence for a Two- Stage Process, *Memory & Cognition* 33(6): 1116–1129.
- Sowell, Thomas (1995). *The Vision of the Anointed: Self-Congratulation as a Basis for Social Policy* (New York: Basic Books).
- Spencer, Stephen J., Claude M. Steele and Diane M. Quinn (1999). Stereotype Threat and Women's Math Performance, *Journal of Experimental Social Psychology* 35(1): 4–28.
- Sperry, Douglas E., Linda L. Sperry and Peggy J. Miller (2018). Reexamining the Verbal Environments of Children from Different Socioeconomic Backgrounds, *Child Development*. doi:10.1111/cdev.13072
- Stanovich, Keith E. (2017). Matthew Effects in Reading: Some Consequences of Individual Differences in the Acquisition of Literacy, *Reading Research Quarterly* 22: 360–407.
- Steel, Claude M. and Joshua Aronson (1995). Stereotype Threat and the Test Performance of African Americans, *Journal of Personality and Social Psychology* 69(5): 797–811.
- Stelzl, Ingeborg, Ferdinand Merz, Theodor Ehlers and Herbert Remer (1995). The Effect of Schooling on the Development of Fluid and Crystallized Intelligence: A Quasi- Experimental Study, *Intelligence* 21(3): 279–296.
- Sternberg, Robert J. (2008). Increasing Fluid Intelligence Is Possible After All, *PNAS* 105(19): 6791–6792.

- Sternberg, Robert J. and Cynthia A. Berg (1986). Quantitative Integration: Definitions of Intelligence: A Comparison of the 1921 and 1986 Symposia. In Robert J. Sternberg and Douglas K. Detterman (eds), *What is Intelligence? Contemporary Viewpoints On Its Nature and Definition* (Norwood, NJ: Ablex), pp. 155–162.
- Sternberg, Robert J. and Douglas K. Detterman (eds) (1986). *What is Intelligence? Contemporary Viewpoints On Its Nature and Definition* (Norwood, NJ: Ablex).
- Strauss, Sidney, Margalit Ziv and Adi Stein (2002). Teaching as a Natural Cognition and Its Relations to Preschoolers' Developing Theory of Mind, *Cognitive Development* 17: 1473–1487.
- Suresh, Arvind (2016). Autism Increase Mystery Solved? No, It's Not Vaccines, GMOs, Glyphosate – Or Organic Foods, *Genetic Literacy Project* (22 September). Available at: <https://geneticliteracyproject.org/2016/09/22/autism-increase-mystery-solved-no-its-not-vaccines-gmos-glyphosate-or-organic-foods/>.
- Sweller, John (1988). Cognitive Load During Problem Solving: Effects on Learning, *Cognitive Science* 12(2): 257–285.
- Sweller, John (2016). Story of a Research Program. In Sigmund Tobias, J. Dexter Fletcher and David C. Berliner (series eds), *Acquired Wisdom Series. Education Review*, 23. <http://dx.doi.org/10.14507/er.v23.2025>
- Sweller, John, Paul L. Ayres and Slava Kalyuga (2011). *Cognitive Load Theory: Explorations in the Learning Sciences, Instructional Systems and Performance Technologies* (New York: Springer).
- Sweller, John, Paul L. Ayres, Slava Kalyuga and Paul Chandler (2003). The Expertise Reversal Effect, *Educational Psychologist* 38: 23–31.
- Taleb, Nassim Nicholas (2013). *Antifragile: Things That Gain from Disorder* (London: Penguin).
- Templeton, Alan R. (1998). Human Races: A Genetic and Evolutionary Perspective, *American Anthropologist* 100(3): 632–650.
- Tetlock, Philip E. (2002). Social Functionalist Frameworks for Judgment and Choice: Intuitive Politicians, Theologians, and Prosecutors, *Psychological Review* 109(3): 451–471.
- Thorndike, Edward L. (1920). Intelligence and Its Uses, *Harper's Magazine* 140: 227–235.
- Tooley, James (2009). *The Beautiful Tree: A Personal Journey Into How the World's Poorest People Are Educating Themselves* (New Delhi: Penguin; Washington, DC: Cato Institute).
- Trahan, Lisa, Karla K. Stuebing, Merrill K. Hiscock and Jack M. Fletcher (2014). The Flynn Effect: A Meta-Analysis, *Psychological Bulletin* 140(5): 1332–1360.
- Tricot, André and John Sweller (2014). Domain-Specific Knowledge and Why Teaching Generic Skills Does Not Work, *Educational Psychology Review* 26(2): 265–283.
- Trzaskowski, Maceij, Nicole Harlaar, Rosalind Arden, Eva Krapohl, Kaili Rimfeld, Andrew McMillan et al. (2014). Genetic Influence on Family Socioeconomic Status and Children's Intelligence, *Intelligence* 42(100): 83–88.
- Tucker-Drob, Elliot M. (2009). Differentiation of Cognitive Abilities Across the Life Span, *Developmental Psychology* 45(4): 1097–1118.
- Turkheimer, Eric, Clancy Blair, Aaron Sojourner, John Protzko and Erin Horn (2012). Gene Environment Interaction for IQ in a Randomized Clinical Trial. Unpublished manuscript. University of Virginia, Charlottesville, VA.
- Turkheimer, Eric, Andreana Haley, Mary Waldron, Brian D'Onofrio and Irving I. Gottesman (2003). Socioeconomic Status Modifies Heritability of IQ in Young Children, *Psychological Science* 14(6): 623–628.
- Tzanakis, Michael (2011). Bourdieu's Social Reproduction Thesis and the Role of Cultural Capital in Educational Attainment: A Critical Review of Key Empirical Studies, *Educate* 11(1): 76–90.
- United States Department of Defense (2002). News Briefing: Secretary Rumsfeld and Gen. Myers [news transcript] (12 February). Available at: <http://archive.defense.gov/Transcripts/Transcript.aspx?TranscriptID=2636>.
- Van Doren, Charles (1991). *A History of Knowledge* (New York: Birch Lane Press).
- Wai, Jonathan, David Lubinski and Camilla P. Benbow (2005). Creativity and Occupational Accomplishments Among Intellectually Precocious Youths: An Age 13 to Age 33 Longitudinal Study, *Journal of Educational Psychology* 97(3): 484–492.
- Watson, John B. (1930). *Behaviourism*, rev. edn (Chicago, IL: University of Chicago Press).

- Weingartner, Herbert, Halbert Miller and Dennis L. Murphy (1977). Mood-State- Dependent Retrieval of Verbal Associations, *Journal of Abnormal Psychology*, 86(3), 276–284.
- Weschler, David (1958). *The Measurement and Appraisal of Adult Intelligence*, 4th edn (Baltimore, MD: Williams & Wilkins).
- William, Dylan (2001). Reliability, Validity, and All That Jazz, *Education* 3–13 29(3): 17–21.
- William, Dylan (2016). *Leadership for Teacher Learning: Creating a Culture Where All Teachers Improve So That All Students Succeed* (West Palm Beach, FL: Learning Sciences International).
- William, Dylan (2018). *Creating the Schools Our Children Need: What We're Doing Now Won't Help Much (And What We Can Do Instead)* (West Palm Beach, FL: Learning Sciences International).
- Willingham, Daniel T. (2002). Inflexible Knowledge: The First Step to Expertise, *American Educator* 26: 31–33. Available at: <http://www.aft.org/periodical/american-educator/winter-2002/ask-cognitive-scientist>.
- Willingham, Daniel T. (2007). Critical Thinking: Why Is It So Hard To Teach?, *American Educator* 31: 8–19. Available at: https://www.aft.org/sites/default/files/periodicals/Crit_Thinking.pdf.
- Willingham, Daniel T. (2009). *Why Don't Students Like School? A Cognitive Scientist Answers Questions About How the Mind Works and What It Means for the Classroom* (San Francisco, CA: Jossey-Bass).
- Wolf, Alison (2002). *Does Education Matter? Myths about Education and Economic Growth* (London: Penguin).
- Wolf, Maryanne (2008). *Proust and the Squid: The Story and Science of the Reading Brain* (London: Icon Books).
- Wongupparaj, Peera, Veena Kumari and Robin G. Morris (2015). A Cross-Temporal Meta-Analysis of Raven's Progressive Matrices: Age Groups and Developing Versus Developed Countries, *Intelligence* 49: 1–9.
- Wright, Lawrence (1997). *Twins: And What They Tell Us About Who We Are* (Hoboken, NJ: Wiley).
- Wrulich, Marius, Martin Brunner, Gertraud Stadler, Daniela Schalke, Ulrich Keller and Romain Martin (2014). Forty Years On: Childhood Intelligence Predicts Health in Middle Adulthood, *Health Psychology* 33(2): 292–296.
- Yeager, David S., Paul Hanselman, David Paunesku, Christopher Hulleman, Carol Dweck, Chandra Muller et al. (2018). Where and For Whom Can a Brief, Scalable Mindset Intervention Improve Adolescents' Educational Trajectories? (manuscript under revision) doi:10.17605/OSF.IO/MD2QA
- Yettick, Holly, Sterling Lloyd, Alexandra Harwin, Andrew Riemer and Christopher B. Swanson (2016). *Mindset in the Classroom: A National Study of K-12 Teachers* (Bethesda, MD: Education Week Research Center). Available at: https://www.edweek.org/media/ewrc_mindsetintheclassroom_sept2016.pdf.
- Young, Michael (2007). *Bringing Knowledge Back In: From Social Constructivism to Social Realism in the Sociology of Education* (Abingdon: Routledge).
- Young, Michael (2011). What Are Schools For?, *Educação, Sociedade & Culturas* 32: 145–155.
- Young, Michael (2013). Powerful Knowledge: An Analytically Useful Concept or Just a 'Sexy Sounding Term'? A Response to John Beck's 'Powerful Knowledge, Esoteric Knowledge, Curriculum Knowledge', *Cambridge Journal of Education* 43(2): 195–198.
- Young, Michael (2014a) The Curriculum and the Entitlement to Knowledge. Edited text of a talk given at Magdalene College, Cambridge, 25 March. Available at: <http://www.cambridgeassessment.org.uk/Images/166279-the-curriculum-and-the-entitlement-to-knowledge-prof-michael-young.pdf>.
- Young, Michael (2014b). Knowledge, Curriculum and the Future School. In Michael Young, David Lambert, Carolyn Roberts and Martin Roberts, *Knowledge and the Future School: Curriculum and Social Justice* (London: Bloomsbury Academic), pp. 8–40.
- Young, Michael (2014c). Powerful Knowledge as a Curriculum Principle. In Michael Young, David Lambert, Carolyn Roberts and Martin Roberts, *Knowledge and the Future School: Curriculum and Social Justice* (London: Bloomsbury Academic), pp. 65–88.
- Young, Michael, David Lambert, Carolyn Roberts and Martin Roberts (2014). *Knowledge and the Future School: Curriculum and Social Justice* (London: Bloomsbury).
- Youssef, Amina, Paul Ayres and John Sweller (2012). Using General Problem-Solving Strategies to Generate Ideas in Order to Solve Geography Problems, *Applied Cognitive Psychology*, 26(6): 872–877.