

# Literatura

- Abbott A.: Scientists Boost Myth that Our Bodies Have More Bacteria than Human Cells, *Nature News*, Jan 8, 2016
- Abi Ghanem C., Degerny C., Hussain R., Liere P., Pianos A., Tourpin S., Habert R., Macklin W. B., Schumacher M., Ghomari A. M.: Long-lasting Masculinizing Effects of Postnatal Androgens on Myelin Governed by the Brain Androgen Receptor. *PLoS Genet.*, 13(11), Nov. 2017
- Adyashanti: *Pád do milosti - cesta k vnitřnímu probuzení*, Synergie Publishing, Praha, 2014 – originál: *Falling into Grace*, Sounds True, Inc., Boulder, 2011
- Alberts B., Johnson A., Lewis J., Raff M., Roberts K., Walter P.: *Molecular Biology of the Cell* (5th ed.), Chapter 18, Garland Science. 2008, p. 1115
- Allen G. E., Morgan T.H.: *The Man and His Science*. Princeton University Press; 1st edition, 1979
- Ansorgová A., Holoubek I.: Identifikace nového polychlorovaného polutantu ve vzorcích životního prostředí. XIV. seminář s mezinárodní účastí Kontaminanty a další rizikové látky v potravinách a ekosystémech. Praha, ČR, 12/14/09/2001 (poster)
- Arias A. M.: *Drosophila Melanogaster and the Development of Biology in the 20th Century*, *Mol. Biol. Methods in Molecular Biology*. 420: 2008, 1–25
- Armant D. R., Brenner C. A.: Epigenetics: Definition, Mechanisms and Clinical Perspective. *Seminars in Reproductive Medicine*. 27 (5): September, 2009, 351–357
- Aroor A. R., Restrepo R. J., Kharbanda K. K., Shukla S. D.: Epigenetic Histone Modifications in a Clinically Relevant Rat Model of Chronic Ethanol-Binge-Mediated Liver Injury, *Hepatology*, Jun 2014, Suppl 2:421-30
- Ashton A.: *Harmonograph A Visual Guide to the Mathematics of Music*, Bloomsbury Publishing, 2003
- Ashton A., Martineau Jason, Martineau John., Sutton D.: *Kvadrivium: Čtyři svobodná umění: aritmetika, geometrie, hudba a astronomie*, Dokořán, Praha 2015
- Asimov, I.: *The Dangers of Intelligence and Other Science Essays*, Houghton Mifflin, 1986
- Avery O., MacLeod C., McCarty M.: Studies on the Chemical Nature of the Substance Inducing Transformation of Pneumococcal Types. Inductions of Transformation by a Desoxyribonucleic acid Fraction Isolated from *Pneumococcus type III*. *J Exp Med.*, roč. 79, čís. 2, 1944, s. 137–158
- Bandura A.: „Self-Efficacy: Toward a Unifying Theory of Behavioral Change“, *Star with a Tiny Habit: BJ Fogg at TEDxFremont*, You Tube, <https://www.youtube.com/watch?v=AdKUJxjn-R8>
- Barreto P.S. et al.: MAPT study group.: Effects of Multidomain Lifestyle Intervention, Omega-3 Supplementation or their Combination on Physical Activity Levels in Older Adults: Secondary Analysis of the Multidomain Alzheimer Preventive Trial (MAPT) Randomised Controlled Trial. *Age Ageing*. Nov 10, 2017, 1-8
- Bartoš, F. M.: *Konrád Waldhauser a ohlas jeho díla u nás*. In *Knihy a zápasy*. Praha: Husova československá evangelická fakulta bohoslovecká, 1948, s. 40–44
- Baur E., Fischer E., Lenz F.: *Human Heredity*, Allen and Unwin, 1931
- Beránek M.: *Molekulární genetika pro bionalytiku, UK v Praze, Karolinum*, 2016
- Biddinger S., et al.: Hepatic Insulin Resistance is Sufficient to Produce Dyslipidemia and Susceptibility to Atherosclerosis, *Cell Metabolism* 7, no.2, 2008
- Bigelow B. C., Edgar K. J.: *The UXL Encyclopedia of Drugs & Addictive Substances*, Thomson-Gale, 2006
- Black J.: *Evropa XVIII. století*. Vyšehrad, Praha, 2003
- Blackburn E., Ellep E.: *Telomery*, Jota, 2017
- Blažejová K., Illnerová H., Hájek I., Nevšimalová S.: Circadian Rhythm in Salivary Melatonin in Narcoleptic Patients. *Neurosci Lett*. 437(2):162-4, May 2008
- Boar B. H.: *Strategic Thinking for Information Technology: How to Build the IT Organization for the Information Age*, Wiley, 1997
- Bondy E., Machovec M. ed.: *Filosofie sklonku antiky a křesťanského středověku*. Vokno, Praha, 1993

- Booth D.G.: 3D-CLEM Reveals that a Major Portion of Mitotic Chromosomes Is Not Chromatin. *Mol Cell*, 64(4):790-802, Nov. 2016
- Boveri T.: Über mehrpolige Mitosen als Mittel zur Analyse des Zellkerns. Bd.35, *Verh. d.phys. med. Ges. zu Würzburg*, 1902
- BRCA1 and BRCA2: Cancer Risk and Genetic Testing. National Cancer Institute. 29 May 2009. <https://www.cancer.gov/about-cancer/.../genetics/brca-fact-sheet>
- Broberg G., Rolls-Hansen N. (eds): *Eugenics and the Welfare State: Sterilisation Policy in Denmark, Sweden, Noorway and Finland*, Michigan State University Press, 1996.
- Bromhall J. D.: Nuclear Transplantation in the Rabbit Egg. *Nature*. 1975-12-25, roč. 258, čís. 5537, s. 719-722. Dostupné online [cit. 2009-08-02]. ISSN 0028-0836
- Brummitt R. K., Powell C. E.: *Authors of Plant Names*. Kew, Royal Botanical Gardens, 1992
- Cann R. L., Stoneking M., Wilson A. C.: (January 1987). Mitochondrial DNA and Human Evolution. *Nature*. 325 (6099): 31-36, January 1987
- Cao-Lei L., Massart R., Suderman M. J., Machnes Z., Elgbeili G., Laplante D. P., Szyf M., King S.: DNA Methylation Signatures Triggered by Prenatal Maternal Stress Exposure to a Natural Disaster: Project Ice Storm. *PLoS One*. 9(9):e107653, Sep 2014
- Carroll S.: *Endless Forms Most Beautiful*. Weidenfeld, 2006
- Carroll S.: *The Big Picture: On the Origins of Life, Meaning, and the Universe Itself*. 2016
- Castle W. E.: *Genetics and Eugenics; a Text- Book for Students of Biology and a Reference for Animal and Plant Breeders*, Cambridge Harvard University Press, 1916
- Cicero M. T.: *O přirozenosti bohů*. Jan Laichter, Praha, 1948
- Cicero M. T.: *De Legibus. Libri Tres*. Georg Olms Publishers, New York, 1977
- Collado M.C., Isolauri E, Laitinen K, Salminen S.: Distinct Composition of Gut Microbiota During Pregnancy in Overweight and Normal-Weight Women. *Am J Clin Nutr*. 88(4):894-9, Oct 2008
- Collen A.: 10 % člověka aneb mikroby ve vašem těle jsou klíčem k vašemu zdraví a štěstí, Dobrovský, Praha, 2015
- Correns C.: G. Mendel's Regel über das Verhalten der Nachkommenschaft der Rassenbastarde. *Berichte der deutschen botanischen Gesellschaft*. 18, 158-168, 1900
- Costandi M.: *Lidský mozek - 50 myšlenek, které musíte znát*. Slovart, 2014 - originál: *The Human Brain. 50 Ideas You Really Need to Know*, Quercus, 2013
- Cowan T. M., Enns G. M., Davis R. W., Rzhetsky A. ed.: Mapping Gene Associations in Human Mitochondria Using Clinical Disease Phenotypes. *PLoS Comput Biol*. 5 (4): 2009, e1000374, 2009
- Crater Linné on Moon Gazetteer of Planetary Nomenclature, IAU, USGS, NASA (anglicky)
- Crilly T.: *Matematika - 50 myšlenek, které musíte znát*. Slovart, 2011 - originál: *50 Mathematical Ideas You Really Need to Know*, Quercus, 2007
- Csikszentmihalyi M.: *Finding Flow: The Psychology of Engagement With Everyday Life*. Basic Books, 1998
- Csikszentmihalyi M.: *Creativity: Flow and the Psychology of Discovery and Invention*. Harper Perennial, New York, 1996
- Dahlke R.: *Princip stínu: Smíření s naší temnou stránkou*. C Press, 2014
- Dahm, R.: Discovering DNA: Friedrich Miescher and the Early Years of Nucleic Acid Research. *Human Genetics*. 122 (6): 565-81, Jan 2008
- Damasio A.: *Descartův omyl. Emoce, rozum a lidský mozek*. Kolumbus, Praha, 2000
- Damasio A.: *Hledání Spinozy. Radost, strast a citový mozek*, Dybbuk, Praha, 2003
- Dandona P.: Effects of Antidiabetic and Antihyperlipidemic Agents on C-reactive Protein. *Mayo Clin Proc.*, 83(3):333-42. Mar 2008

- Dao M.C., Everard A., Aron-Wisnewsky J., Sokolovska N., Prifti E., Verger E.O., Kayser B.D., Levenez F., Chilloux J., Hoyles L., Dumas M.E., Rizkalla S.W., Doré J., Cani P.D., Clément K.: Akkermansia Muciniphila and Improved Metabolic Health During a Dietary Intervention in Obesity: Relationship with Gut Microbiome Richness and Ecology, *Gut*. 65(3):426-36, Mar 2016
- Dapretto M., Davies M. S., Pfeifer J. H., Scott A. A., Sigman M., Bookheimer S. Y., Iacoboni M.: Understanding Emotions in Others: Mirror Neuron Dysfunction in Children with Autism Spectrum Disorders. *Nat Neurosci.*, 9(1):28-30, Jan 2006
- Darwin Ch.: *On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life* (1st ed.). John Murray, London, 1859
- Darwin Ch.: *The Descent of Man, and Selection in Relation to Sex* (1st ed.). John Murray, London, 1871
- Darwin Ch.: *The Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life* (6th ed.). John Murray, London, 1872
- Darwin Ch.: *The Variation of Animals and Plants under Domestication*. John Murray, London, 1868.
- Darwin Ch., Wallace A., Russel A.: *On the Tendency of Species to form Varieties; and on the Perpetuation of Varieties and Species by Natural Means of Selection*. *Journal of the Proceedings of the Linnean Society of London. Zoology* 3. 3 (9): 46-50, 1858
- Dawkins R.: *The Selfish Gene*. Oxford University Press, 1976
- de Castro P. V.: *Selective Memory: Very Selective!* Xlibris Corporation, 2016
- De Crescenzo L.: *Příběhy řecké filozofie – Sokrates a ti druzí*, Praha, 2004
- de Vries H.: *Die mutationstheorie. Versuche und Beobachtungen über die Entstehung von Arten im Pflanzenreich*. Veit & comp., Leipzig, 1901-03
- DeLisi Ch.: *Genomes: 15 Years Later A Perspective by Charles Deli, HEP Pioneer*. *Human Genome News*. 11: 3-4, 2001
- DeLisi Ch.: *The Human Genome Project*. *American Scientist*. 76: 488, 1988
- Devillers J., Devillers H.: *Prediction of Acute Mammalian Toxicity from QSARs and Interspecies Correlations*. *SAR QSAR Environ Res*. 20(5-6):467-500, Jul 2009
- Dias B. G., Ressler K. J.: *Parental Olfactory Experience Influences Behavior and Neural Structure in Subsequent Generations*. *Nature Neuroscience*, 2013
- Dinstein I., Thomas C., Behrmann M., Heeger D. J.: *A Mirror up to Nature*. *Curr Biol* 18 (1), R13-8, 2008
- Dirac P. A. M.: *The Cosmological Constants*. *Nature* 139, 323, Feb 1937
- DNA Methylation Signatures Triggered by Prenatal Maternal Stress Exposure to a Natural Disaster: Project Ice Storm*. *PLoS One*. 9(9):e107653, Sep 2014
- Dorotíková S. a kol.: *Naše dědictví. K evropským myšlenkovým tradicím*. Univerzita Karlova, Praha, 2000
- Dupont C., Armant D. R., Brenner C. A.: *Epigenetics: Definition, Mechanisms and Clinical Perspective*. *Seminars in Reproductive Medicine*. 27 (5), 351-357, Sep 2009
- Emery and Rimoin`s *Principles and Practice of Medical Genetics*, fourth ed. by Rimoin D.L. Churchill Livingstone, London, Edinburgh, New York, Philadelphia, St Louis, Sydney, Toronto, 2002
- Emery A. E. H.: *Methodology in Medical Genetics- An introduction to Statistical Methods*, 2nd edition. Churchill Livingstone, Edinburgh, 1986
- Engdahl W. F.: *Seeds of Destruction: The Hidden Agenda of Genetic Manipulation*, Global Research, 2007
- Engel A.K., König P., Kreiter A.K., Singer W.: *Interhemispheric Synchronization of Oscillatory Neuronal Responses in Cat Visual Cortex*. *Science*, 252 (5009): 1177-9, May 1991
- Epel E. S., a kol.: *Wandering Minds and Aging Cells*, *Clinical Psychological Science* 1, No1:75-83, Jan 2013
- Epel E. S., Daubenmier J., Moskowitz J. T., Folkman S., Blackburn, E.: *Can Meditation Slow Rate of Cellular Aging?* *Cognitive*

- Stress, Mindfulness, and Telomeres. *Ann N Y Acad Sci*, 1172: 34–53, 2012
- Fan H. C., et al.: Noninvasive Diagnosis of Fetal Aneuploidy by Shotgun Sequencing DNA from Maternal Blood. *Proc. Natl. Acad. Sci. U.S.A.* 105 (42), 16266–71, Oct 2008
- Fasano A.: Zonulin and its Regulation of Intestinal Barrier Function: the Biological Door to Inflammation, Autoimmunity, and Cancer, *Physiol Rev.* 91(1):151–75, Jan 2011
- Feldenkrais M.: *Feldenkraisova metoda*, Pragma, 2005
- Feldman H. A. et al: Age Trends in the Level of Serum Testosterone and Other Hormones in Middle-Aged Men: Longitudinal Results from the Massachusetts Male Aging Study. *The Journal of Clinical Endocrinology & Metabolism*, Volume 87, Issue 2, 589–598, Feb 2002
- Ferrini R., Barrett-Connor E.: Sex Hormones and Age: A Cross-sectional Study of Testosterone and Estradiol and their Bioavailable Fractions in Community-dwelling Men. *Am J Epidemiol.* 147(8):750–4, 1998
- Fjose A., McGinnis W. J., Gehring W. J.: Isolation of a Homeobox-containing Gene from the Engrailed Region of *Drosophila* and the Spatial Distribution of its Transcripts. *Nature.* 313(6000):284–9, Jan 1985
- Flegr J.: *Pozor, Toxo! - tajná učebnice praktické metodologie vědy.* Academia, Praha, 2011
- Flegr J.: *Zamrzlá evoluce aneb Je to jinak, pane Darwin.* 2.vyd., Academia, Praha, 2016
- Flemming W.: *Zellsubstanz, Kern Und Zelltheilung.* F.C. Voegel, Leipzig, 1882
- Fosar G., Bludorf F.: *Chyby v Matrix*, Dialog, Liberec 2009
- Fraga M. F., Ballestar E., Paz M. F., Ropero S., Setien F., Ballestar M. L., Heine-Suñer D., Cigudosa J. C., Urioste M., Benitez J., Boix-Chornet M., Sanchez-Aguilera A., Ling C., Carlsson E., Poulsen P., Vaag A., Stephan Z., Spector T. D., Wu Y. Z., Plass C., Esteller M.: Epigenetic Differences Arise During the Lifetime of Monozygotic Twins. *Proc Natl Acad Sci U S A.* 102(30):10604–9, Jul 2005
- Frankl V. E.: *Utrpení z nesmyslnosti života.* Portál, 2016
- Frankl V. E.: *Vůle ke smyslu.* Cesta, 1997
- Franklin R. E., Gosling R. G.: Molecular Structure of Nucleic Acids. Molecular Configuration in Sodium Thymonucleate. 1953. *Ann NY Acad Sci.* 758:16–7, Jun 1975
- Fratraroli J., Weidner G., Dnistrian A. M., Kemp C., Daubenmier J. J., Marlin R., Davidson R. J., Dahl C. J.: Outstanding Challenges in Scientific Research on Mindfulness and Meditation. *Perspect Psychol Sci.*, 2017
- Freke T.: *Prožitek tajemství.* Omega, 2016
- Fulka J.: Klonování savčího embrya (1) Omezení a perspektivy. *Živa č.* 4, 2005
- Galton F.: *Inquiries into Human Faculty and Its Development.* J.M. Dent & Company, London, 1883
- Galton F.: *Natural Inheritance.* Macmillan, London, 1889
- Gehring W. J.: Homeotic Genes, the Homeobox, and the Spatial Organization of the Embryo. *Annual Review of Genetics Vol.* 20:147–173, Dec 1986
- Gevers D., Knight R., Petrosino J. F., Huang K., McGuire A. L., Birren B. W., Nelson K. E., White O., Methé B.A., Huttenhower C.: The Human Microbiome Project: A Community Resource for the Healthy Human Microbiome, *PLoS Biol.* 10(8), Aug 2012
- Goetz P. a kol.: *Vybrané kapitoly z lékařské biologie*, díl 2., 1 vydání. Karolinum, Praha, 2002
- Gore A. C., Chappell V. A., Fenton S. E., Flaws J. A., Nadal A., Prins G. S., Toppari J., Zoeller R. T.: Executive Summary to EDC-2: The Endocrine Society's Second Scientific Statement on Endocrine-Disrupting Chemicals. *Endocrine Reviews.* 36 (6), 593–602, Dec 2015
- Goswami A.: *Kvantový doktor.* Anag, 2014 – originál: *The Quantum Doctor*, 2011
- Graeser A.: *Řecká filosofie klasického období.* Oikoymenh, Praha, 2000

- Gribbin J.: Pátrání po dvojité šroubovici. Columbus, Praha, 2007
- Grof S.: Psychologie budoucnosti. Perla, Praha, 2004
- Gruber T., Engel A. K, Fries U.: Phase-Amplitude Coupling and Long-Range Phase Synchronization Reveal Frontotemporal Interactions during Visual Working Memory. *J Neurosci.* 37(2):313–322, Jan 2017
- Hajnóczky G., Csordás G., Das S., Garcia-Perez C., Saotome M., Sinha Roy S., Yi M.: Mitochondrial Calcium Signalling and Cell Death: Approaches for Assessing the Role of Mitochondrial Ca<sup>2+</sup> Uptake in Apoptosis. *Cell Calcium.* 40(5-6):553-60, Nov – Dec 2006
- Hall A. D.: Hugo de Vries. 1848-1935. *Obituary Notices of Fellows of the Royal Society.* 1 (4), 371–373, 1935
- Hall J.: Guyton and Hall Textbook of Medical Physiology (12th ed.). Saunders/Elsevier, Philadelphia, 2011
- Harris H.: The Cells of the Body: A History of Somatic Cell Genetics. Cold Spring Harbor Laboratory. Plainview, New York, 1997
- Havel P.: Odpůrce GMO usvědčuje z omylu sama příroda. *Vitalia.cz* [online]. 19. 2. 2015 0:00. Dostupné online.
- Hawking S. W.: The Illustrated Theory of Everything. New Millenium Press, 2003 – česky: Ilustrovaná teorie všeho, Argo, 2004, 2005
- Hawking S. W.: The Nature of Space and Time. Princeton Univ. Press, 2000 (spoluautor: R. Penrose) - česky: Povaha prostoru a času, Academia, 2000
- Hawking S. W.: The Grand Design. Bantam Doubleday Dell Publishing, 2010 (spoluautor L. Mlodinow) – česky: Velkolepý plán, Dokořán, 2011
- Hawking S. W.: The Universe in a Nutshell. Bantam Doubleday Dell Publishing, 2001 – česky: Vesmír v kostce, Argo, 2002
- Heller J., Mrázek M.: Nástin religionistiky. Kalich, Praha, 2004
- Henderson M.: Genetika - 50 myšlenek, které musíte znát. Slovart, 2014 – originál: 50 Genetics Ideas You Really Need to Know, Quercus, 2009
- Heyman M. B.: Lactose Intolerance in Infants, Children, and Adolescents. *Pediatrics (Review).* 118 (3), 1279–1286, 2006
- Holoubek I. a kol. : Polychlorované bifenyly a další typy halogenovaných aromatických polutantů v prostředí. Seminář BIO „Polychlorované bifenyly“, Praha, 15/03/97 (vyžádaná plenární přednáška), sborník s. 3–31, 1979
- Holzbachová I.: Dějiny společenských teorií. Masarykova univerzita, Brno, 1996
- Honzák R.: Psychosomatická prvouka. Vyšehrad, 2017
- Horyna B.: Úvod do religionistiky. Oikoymenh, Praha, 1994
- Houghteling P. D., Walker W. A.: Why is Initial Bacterial Colonization of the Intestine Important to the Infant's and Child's Health? *J Pediatr Gastroenterol.* 60(3): 294–307, Mar 2015
- Human Microbiome Project Consortium, Structure, Function and Diversity of the Healthy Human Microbiome. *Nature.* 486(7402):207–14, Jun 2012
- Huntington F., Willard H.F., Nussbaum R.L., McInnes R.R.: Klinická genetika. Vydání 6. Thompson & Thompson, Triton, 2004
- Chan D. C.: Mitochondria: Dynamic Organelles in Disease, Aging, and Development. *Cell.*, 125 (7): 1241–1252, Jun 2006
- Cheshire G.: Evoluce, malé dějiny, velké myšlenky. Dokořán, 2014 – originál: Evolution. A little History of a Great Idea. Wooden Books Limited, 2008
- Chopra D.: Nesmrtelné tělo, nekonečná duše: Kvantová alternativa dlouhověkosti. Pragma, 1995 – originál: Ageless Body, Timeless Mind, Harmony Books, 1993
- Chopra D.: Léčení těla a mysli. Alternativa, 1993 – originál: Quantum Healing, Exploring The Frontiers of Mind/Body Medicine, Bantam, 1987
- Illmensee K., Hoppe P. C.: Nuclear Transplantation in Musculus: Developmental Potential of Nuclei from Preimplantation Embryos. *Cell.*, roč. 23, čís. 1, s. 9–18, Jan 1981

- Illnerová H., Borbély A. A., Wirz-Justice A., Prasko J.: Circadian Rhythmicity: from Basic Science to Clinical Approach. *Suppl Clin Neurophysiol.* 53:339–47. 2000
- Isaacs S.: *Hormonal Balance: How to Lose Weight by Understanding Your Hormones and Metabolism.* Bull Publishing Company, 2012
- Isaacs S.: *Hormonal Balance: Understanding, Weight, and Your Metabolism* Bull Publishing Company, 2002.
- Jablonka E., Lamb M.: *Evolution in Four Dimensions.* MIT Press, 2005
- Jablonka E., Raz G.: Transgenerational Epigenetic Inheritance: Prevalence, Mechanisms, and Implications for the Study of Heredity and Evolution (PDF). *Q Rev Biol.* 84 (2), 131–76, Jun 2009
- Jackson D. A., Symons R. H., Berg P.: Biochemical Method for Inserting New Genetic Information into DNA of Simian Virus 40: Circular SV40 DNA Molecules Containing Lambda Phage Genes and the Galactose Operon of Escherichia Coli. *Proc Natl Acad Sci U S A.* 69(10):2904-9. Oct 1972
- Jaenisch R., Mintz B.: Simian Virus 40 DNA Sequences in DNA of Healthy Adult Mice Derived from Preimplantation Blastocysts Injected with Viral DNA. *Proc Natl Acad Sci U S A.* 71(4):1250–4, Apr 1974
- Janeway Ch. A. Jr, Travers P., Walport, M., Shlomchik M. J.: *Immunobiology, 5th edition, The Immune System in Health and Disease.* Garland Science, New York, 2001
- Johns D. R.: Paternal Transmission of Mitochondrial DNA is (Fortunately) Rare. *Annals of Neurology.* 54 (4): 422–4, 2003
- Jung C. G., von Franz, M.-L., Henderson, J..L., Jacobi, J., Jaffé, A.: Člověk a jeho symboly. Portál, 1917 – originál: Man nad his Symbols, Ferguson, 1964
- Kabat – Zinn J.: *Full Catastrophe Living: Using the Wisdom of Your Body and Mind to Face Stress, Pain, and Illness,* Bantam Dell, 2013
- Kaku M.: *Paralelní světy, Putování stvořením, vyššími dimenzemi a budoucností vesmíru,* Argo/Dokořán, 2007 – originál: *Parallel Worlds, A Journey through Creation, Higher Dimensions, and the Future of the Cosmos,* Doubleday, 2005
- Kaliman P., Álvarez-López M. J., Cosin-Tomás M., Rosenkranz M. A., Lutz, A., Davidson, R. J.: Rapid Changes in Histone Deacetylases and Inflammatory Gene Expression in Expert Meditators. *Psychoneuroendocrinology.* 40:96-107. Feb 2014
- Kaňák M.: *John Viklef: život a dílo anglického Husova předchůdce.* Vyd. 1. Praha: Ústřední církevní nakladatelství, 1973
- Kandert J.: *Náboženské systémy: člověk náboženský a jak mu porozumět.* Grada, Praha, 2010
- Karam J. A.: *Apoptosis in Carcinogenesis and Chemotherapy.* Springer, 2009
- Kass L. B.: Harriet Creighton: Proud Botanist. *Plant Science Bulletin.* 51(4): 118-125. 2005
- Kass, L. B., Chomet, P.: Barbara McClintock. In Bennetzen, J., Hake S. editors, *Handbook of Maize: Genetics and Genomics.* S. 17-52, Springer, 2009
- Keller E. F.: *The Century of Gene.* Harvard University Press, 2000
- Kempermann G.: *Adult Neurogenesis: Stem Cells and Neuronal Development in the Adult Brain.* Oxford University Press, 2006
- Kepler J.: *A New Year Gift: On Hexagonal Snow,* Oxford University Press, 1966
- Keysers Ch.: The Empathic Brain. *Language Acquisition: Do as You Hear.* *Current Biology* 12 (21), R736–7. Jun 2011
- Keysers, Ch.: Mirror Neurons. *Current Biology* 19 (21): R971–973, 2010
- Khaitovich P., et al.: Parallel Patterns of Evolution in the Genomes and Transcriptomes of Humans and Chimpanzees. *Science.* 309 (5742), 1850–4, 2005
- Khoury M. J., Evans J., Burke W.: A Reality Check for Personalized Medicine. *Nature,* 464: 680, 2010
- Killingsworth M. A., Gilbert D. T.: A Wandering Mind is an Unhappy Mind. *Science.* 2010 Nov 12;330(6006):932. DOI: 10.1126/science.1192439
- Kim J. et al.: DNA Methylation in Inflammatory Genes among Children with Obstructive Sleep Apnea. *American Journal of Respiratory Critical Care Medicine.* Feb 2012

- King R. C., Stansfield W. D., Mulligan P. K.: A Dictionary of Genetics, Seventh Edition. Oxford University Press, 2006
- Kirk G. S. et al.: Předsokratovští filosofové: kritické dějiny s vybranými texty. Vyd. 1. Oikoymenth, Praha, 2004
- Kleine B., Rossmannith W. G.: Hormones and the Endocrine System: Textbook of Endocrinology. pp. 264–265, Springer, 2016
- Klímová J., Fialová M.: Proč (a jak) psychosomatika funguje?. Progressive Consulting, 2015
- Klímová J., Fialová M.: Úvod do Psychosomatiky I-IV, pracovní knihy k seminářům, AKTIP, Konzultační a terapeutický institut, Praha, 2016-2017
- Klinge C.: Estrogenic Control of Mitochondrial Function and Biogenesis. J Cell Biochem. 105 (6), 1342–1351, 2008
- Klok M.D., Jakobsdottir S., Drent M.L.: The Role of Leptin and Ghrelin in the Regulation of Food Intake and Body Weight in Humans: a Review. Obes Rev. 8(1):21-34, Jan 2007
- Koestler A.: The Ghost in the Machine (1990 reprint ed.). London: Hutchinson (Penguin Group). 1967
- Koh H.-J., Kwon S.-Y., Thomson M.: Current Technologies in Plant Molecular Breeding: A Guide Book of Plant Molecular Breeding for Researchers. Springer, 2015
- Kolata G.: Human Genome, Then and Now. The New York Times. 15 April 2013
- Korčák J.: Přírodní dualita statistického rozložení. Statistický obzor, ročník 22, s. 171–222, 1941
- Koukolík F., Dřtilová J.: Vzpouora deprivantů. Galén, Praha, 2006
- Koukolík, F.: Sociální mozek. Karolinum, Praha 2006
- Koukolík F., Dřtilová J.: Život s deprivanty II. Základy stupidologie. Galén, Praha, 2002
- Koukolík F.: Mozek a jeho duše. Galén, Praha, 2014
- Koukolík F.: Proč se Dostojevskij mýlí? (O vědomí, empatii, altruismu, lásce, zlu a religiozitě). Galén, Praha, 2007
- Koukolík F.: Sociální mozek, evoluce a neuronální podklady. Karolinum, Praha, 2016
- Král O.: I-řing kniha proměn, Maxima, 2008
- Králíček P.: Úvod do speciální neurofyziologie. Galén, 2011
- Kratochvíl Z.: Anaxagoras. Pavel Mervart, Červený Kostelec, 2014
- Kubáčková K. a kol.: Vzácná onemocnění v kostce. Mladá fronta, Praha, 2014
- Lakowski B., Hekimi S.: Determination of Life-span in Caenorhabditis Elegans by Four Clock Genes. Science. 272(5264):1010–3, May 1996
- Lakshminarayanan B., et al.: Compositional Dynamics of the Human Intestinal Microbiota with Aging: Implications for Health. The Journal of Nutrition, Health & Aging. Vol.18, Iss. 9, pp. 773–786, Nov 2014
- Lamarck J. B.: Philosophie Zoologique ou exposition des considérations relatives à l'histoire naturelle des animaux, Museum d'Histoire Naturelle, 1809
- Lamarck Jean-Baptiste: Encyclopédie méthodique. Botanique. Panckoucke, Paris, 1783 - 1808
- Landsteiner K.: Zur Kenntnis der antifermentativen, lytischen und agglutinierenden Wirkungen des Blutserums und der Lymphe. Centralblatt f. , 1900
- Leeuwis A..E.: Heart Brain Connection Study Group. Design of the ExCersion-VCI study: The Effect of Aerobic Exercise on Cerebral Perfusion in Patients with Vascular Cognitive Impairment. Alzheimers Dement (N Y). 3(2):157-165, Mar 2017
- Leikola A.: Francesco Redi as a Pioneer of Experimental biology. Lychnos Lardomshist Samf Arsb. (1–3): 115–122. 1977-78
- Lengacher C. A, et all: Influence of Mindfulness-based Stress Reduction (MBSR) on Telomerase Activity in Women with Breast Cancer (BC). Biol Res Nurs. 16(4):438–47, Oct 2014
- Lewis D.: Tao dechu. Naučte se správně dýchat. Pragma, Hodkovičky, 2000

- Lewontin R.: *The Triple Helix: Gene, Organism, and Environment*, Harvard University Press, 2000
- Lieberman-Aiden E(1) et al: *Comprehensive Mapping of Long-range Interactions Reveals Folding Principles of the Human Genome*. *Science* 9, Vol. 326. no. 5950, pp. 289–293, Oct 2009
- Liebig J.: *Das Verhältniß der Tierchemie zur Tierphysiologie* Braunschweig, Vieweg und Sohn, 1844
- Liebig J.: *Die Chemie in ihrer Anwendung auf Agrikultur und Physiologie*, Braunschweig, F. Vieweg und Sohn, 1840
- Lipton B., Bhaerman S.: *Spontaneous Evolution: Our Positive Future and a Way to Get There from Here*. Hay House, 2009
- Lisý P.: *Archetypová astrologie, vývoj astropsychologie od C.G. Junga k S. Grofovi*. Carpe Momentum, Praha, 2017
- Lodish H., Berk A., Zipursky S. L.: *Molecular Cell Biology: Section 21.4 Neurotransmitters, Synapses, and Impulse Transmission (4th ed.)*. W. H. Freeman, New York, 2000
- Lowen A.: *A Lifetime of Helping Mankind*. Bio Energetics, MSBA, 2003
- Ludwig D. S., Kabat-Zinn J.: *Mindfulness in Medicine*. *JAMA*. 300(11): 1350–2, Sep 2008
- Lundy M.: *Posvátná čísla, Tajné kvality Kvantit. Dokořán*, 2016 – originál: *Sacred Number, The Secret Qualities of Quantities*, Wooden Books Limited, 2005, 2006
- Lundy M.: *Sacred Number*. Walker Publishing Company New York, 2005
- Lundy M.: *Sacred Geometry*. Walker Publishing Company New York, 2001
- Lundy M.: *Soubor kvadrivium: Čtyři svobodná umění: aritmetika, geometrie, hudba a astronomie. Dokořán*, 2015
- Maejima H., Kanemura N., Kokubun T., Murata K., Takayanagi K.: *Exercise Enhances Cognitive Function and Neurotrophin Expression in the Hippocampus Accompanied by Changes in Epigenetic Programming in Senescence Accelerated Mice*. *Neurosci Lett*. Nov 2017
- Maher B.: *The Case of Missing Heritability*. *Nature*, 456:18–21, 2008
- Maldacena J. M.: *The Large N Limit of Superconformal Field Theories and Supergravity*. *Advances in Theoretical and Mathematical Physics*. 2, 231–252, 1998
- Malenka R. C., Nestler E. J., Hyman S. E.: *Molecular Neuropharmacology: A Foundation for Clinical Neuroscience (2nd ed.)*. McGraw-Hill Medical, New York, 2009
- Malthus T. R.: *An Essay on the Principle of Population*. 1798 - Český: *Esej o principu populace*. Brno, 2002
- Mandelbrot B.: *Fraktály: Tvar, náhoda a dimenze*. Mladá fronta, Praha, 2003
- Mandelbrot B.: *Fraktalista - rebelem ve vědě*. Dokořán, 2014
- Mandelbrot B.: *Les objets fractals: forme, hasard et dimension* Flammarion, 1975
- Marengoni A., et al.: *The Effect of a 2-Year Intervention Consisting of Diet, Physical Exercise, Cognitive Training, and Monitoring of Vascular Risk on Chronic Morbidity-the FINGER Randomized Controlled Trial*. *J Am Med Dir Assoc*. Nov 2017
- Marlin R., Crutchfield L., Yglecias L., Carroll P. R., Ornish D.: *Clinical Events in Prostate Cancer Lifestyle Trial: Results from Two Years of Follow-up*. *Urology*. 72(6):1319-23, Dec 2008
- Martineau J.: *A Little Book of Coincidence*. Walker Publishing Company, New York, 2001
- Martineau J.: *The Elements of Music*. Walker Publishing Company, New York, 2008
- Maříková T. a kol.: *Neurogenetika svalových dystrofií a kongenitální myopatií*, Maxdorf, Praha, 2004
- Maříková T., Seemanová, E.: *Klinická genetika – praktické aplikace*, Karolinum, Praha, 2014
- Mc Greal P.: *Velké postavy západního myšlení. Prostor*, Praha, 1999 – originál: *Great Thinkers of the Eastern World: The Major Thinkers and the Philosophical and Religious Classics of China, India, Japan, Korea, and the World of Islam*. Front Cover. HarperCollins Publishers, 1995
- McBride H. M., Neuspiel M., Wasiak S.: *Mitochondria: More than Just a Powerhouse*. *Curr Biol*. 16 (14), R551–60, 2006



- Mendel G.: Versuche über Pflanzen-Hybriden. In: Verhandlungen des Naturforschenden Vereines in Brünn 4, s. 3-47, 1866
- Michaels J., Van aalst M.: Ovládněte svůj metabolismus. Anag, Praha, 2013
- Michelakis E.: A Mitochondria-K<sup>+</sup> Channel Axis Is Suppressed in Cancer and Its Normalization Promotes Apoptosis and Inhibits Cancer Growth. University of Alberta, 2007
- Michie D.: Pospěš si a medituuj. Synergie, 2014
- Milekic M. H., Xin Y., O'Donnell A., Kumar K. K., Bradley-Moore M., Malaspina D., Moore H., Brunner D., Ge Y., Edwards J., Paul S., Haghghi F.G., Gingrich J. A.: Age-related Sperm DNA Methylation Changes are Transmitted to Offspring and Associated with Abnormal Behavior and Dysregulated Gene Expression. *Mol Psychiatry*. 20(8): 995-1001, Aug 2015
- Miyashita N.; Shiga K.; Yonai M., et al.: Remarkable Differences in Telomere Lengths Among Cloned Cattle Derived from Different Cell Types.. *Biol Reprod*. 66 (6), s. 1649-55, Jun 2002
- Mizobuchi K., Watanabe I., Watson J.: *Nucleic Acid Research – Future Development*. Academic Press, Tokyo, New York, London, 1983
- Mo Q., Lu S. F., Simon N. G.: Dehydroepiandrosterone and its Metabolites: Differential Effects on Androgen Receptor Trafficking and Transcriptional Activity. *J. Steroid Biochem. Mol. Biol*. 99 (1), 50-8, Apr 2006
- Molnár A.: Pohyb teologického myšlení: Přehledné dějiny dogmatu. Ústřední církevní nakladatelství, Praha, 1982
- Moreira D., Lopez-Garcia P.: Symbiosis Between Methanogenic Archaea and Delta-proteobacteria as the Origin of Eukaryotes: the Syntrophic Hypothesis. *Journal of Molecular Evolution*. vol 47 (5), s. 517-30, Nov 1998
- Morris Joi L., Gordon Ora K.: *Positive Results: Making the Best Decisions When You're at High Risk for Breast or Ovarian Cancer*. Prometheus Books, Amherst, N.Y., 2010
- Nadeau K.: Ambient Air Pollution Impairs Regulatory t-cell Function in Asthma. *J Allergy Clin Immunol*. 2010
- Nadjafi-Triebsch C., Huell M., Burki D., Rohr U. D.: Progesterone Increase Under DHEA-substitution in Males. *Maturitas*. 45(3):231-5, Jul 2003
- Nakonečný M.: *Encyklopedie obecné psychologie*. Academia, Praha, 2003
- Neal J. M.: *How the Endocrine System Works*. John Wiley & Sons, 2016
- Nicolia A., Manzo A., Veronesi F., Rosellini, D.: An Overview of the Last 10 Years of Genetically Engineered Crop Safety Research. *Critical Reviews in Biotechnology*. 34, 1-12, 2013
- Noble D.: Conrad Waddington and the Origin of Epigenetics. *Journal of Experimental Biology*. 218, 816-818, 2015
- Nottale L.: Mach's Principle, Dirac's Large Numbers and the Cosmological Constant Problem. Avail. at the ResearchGate
- Nuland, S. B.: Špinavé ruce. Mikrobi, horečka omladnic a podivuhodný příběh Ignáce Semmelweise. Dokořán a Argo, Praha, 2005
- Nussbam R. L., McInnes R. R., Willard H. F.: *Klinická genetika*. Thompson and Thompson, Triton, 2004
- Nussbaum R. L.; McInnes R., et al.: *Thompson & Thompson Genetics in Medicine*. Elsevier Health Sciences. 28, Apr 2015
- Nüsslein-Volhard C., Wieschaus E.: Mutations Affecting Segment Number and Polarity in *Drosophila*. *Nature*. 287 (5785), 795-801. Oct 1980
- Nüsslein-Volhard, C. Zur spezifischen Protein-Nukleinsäure-Wechselwirkung : die Bindung von RNS-Polymerase aus *Escherichia coli* an die Replikative-Form-DNS des Bakteriophagen fd und die Charakterisierung der Bindungsstellen (PhD thesis). University of Tübingen, 1974
- Oberman L. M., Hubbard E. M., McCleery J. P., Altschuler E. L., Ramachandran V. S., Pineda J. A.: EEG evidence for Mirror Neuron Dysfunction in Autism Spectral Disorders. *Brain Res Cogn Brain Res*.; 24(2):190-8, 2005-06
- Obermann-Jeschke D.: *Eugenik im Wandel: Kontinuitäten, Brüche und Transformationen. Eine diskursgeschichtliche Analyse*. UNRAST, Münster, 2008
- O'Donovan A., Lin J., Tillie J., Dhabhar F. S., Wolkowitz O. M., Blackburn E. H., Epel E. S.: Pessimism Correlates with Leukocyte Telomere Shortness and Elevated Interleukin-6 in Post-menopausal Women. *Brain Behav Immun*. 23(4): 446-9. May 2009

- Ornish D., Magbanua M. J., Weidner G., Weinberg V., Kemp C., Green C., Mattie M. D., Marlin R., Simko J., Shinohara K., Haqq C. M., Carroll P. R.: Changes in Prostate Gene Expression in Men Undergoing an Intensive Nutrition and Lifestyle Intervention. *PNAS*, 105(24): 8369–8374, 2008
- Ortega S.: Odhalte tajemství metody Tokio-Paříž, Japonky nechodí na plastiku, cesta ke kráse a štíhlé linii. Euromedia Group, 2017 – originál: La méthode minceur Tokyo Paris, Edi 8, Paris, 2014
- Osler W.: The Evolution of Modern Medicine, Kaplan Publishing, 2009
- Ottův slovník naučný: ilustrovaná encyklopedie obecných vědomostí. 18. díl. J. Otto, Praha, 1902
- Palagini L., Biber K., Riemann D.: The Genetics of Insomnia – Evidence for Epigenetic Mechanisms? *Sleep Medicine Reviews*. 2013
- Passie T et al.: The Pharmacology of Lysergic Acid Diethylamide: A Review [online]. *CNS Neuroscience & Therapeutics*, 2008
- Patočka J.: Aristoteles, jeho předchůdci a dědicové. Praha, 1964
- Paweletz N.: Walther Flemming, Pioneer of Mitosis Research. *Nature Reviews Molecular Cell Biology* 2, p.72–75, 2001
- Pert C. B., Snyder S. H.: Opiate Receptor: Demonstration in Nervous Tissue. *Science*. 179 (4077), 1011–4, Mar 1973
- Pert C. B.: Molekuly emocí - Věda v pozadí medicíny těla a mysli, Anag, 2016 – originál: : Molecules of Emotion, Scribner, New York, 1996
- Piecznik S. R., Neustadt J.: Mitochondrial Dysfunction and Molecular Pathways of Disease. *Experimental and Molecular Pathology*. 83 (1), 2007
- Pichot A.: Pure Society: From Darwin to Hitler. Verso, 2009
- Pizzorno J. E.: Textbook of Natural Medicine. Elsevier Health, 2013
- Planer J. D., Peng Y., Kau A. L., Blanton L. V., Ndao I. M., Tarr P. I., Warner B. B., Gordon J. I.: Development of the Gut Microbiota and Mucosal IgA Responses in Twins and Gnotobiotic Mice. *Nature*. 534(7606):263–6. Jun 2016
- PLoS Human Microbiome Project Collection Manuscript Summaries, June 13, 2012
- Prigogine I. and E.: Order out of Chaos. Bantam Books, New York, 1984
- Prosser C.: Comparative Animal Physiology, Environmental and Metabolic Animal Physiology (4th ed.). Hoboken, Wiley, Hoboken, NJ, 1991,
- Prusiner S. B.: Molecular Biology of Prion Diseases. *Science*. 252, 1515–1522, 1991
- Questret D., Cropley M.: Assessing Treatments Used to Reduce Rumination and/or Worry: A Systematic Review. *Clin Psychol Rev*.33(8):996-1009, Dec 2013
- Ramachandran V. S.: Mirror Neurons and Imitation Learning as the Driving Force Behind „the Great Leap Forward“ in Human Evolution. Edge Foundation, online
- Rapp R.: Testing Women, Testing the Foetus: The Social Impact of Amniocentesis in America. Routledge, 2000.
- Referral Guidelines - cancer Genetics“. [www.gosh.nhs.uk](http://www.gosh.nhs.uk). Retrieved 2016-02-21.
- Repka M.: Vše o meditaci. Eugenika, 1997.
- Rizzolatti G.: The Mirror-neuron System. *Annual Review of Neuroscience* 27, 169–192, 2004
- Rokyta R.: Fyziologie. Galén, Praha, 2016
- Ronald P.: Plant Genetics, Sustainable Agriculture and Global Food Security. *Genetics*. 188, 11–20, May 2011
- Rose H., Rose S.: Geny, buňky a mozek, Prométheovský příslib nové biologie. Emitos, Brno, 2017 – originál: Genes, Cell and Brains. The Promethean Promises of the New Biology, Verso, 2012
- Rosner J. L.: Ten Times More Microbial Cells than Body Cells in Humans? *Microbe Magazine*. Feb 2014
- Rossier M. F.: „T Channels and Steroid Biosynthesis: in Search of a Link with Mitochondria“. *Cell Calcium*. 40 (2), 155–64, 2006

- Rudd R.: Gene Keys: Unlocking the Higher Purpose Hidden in Your DNA. Watkins Media Limited, 2013 – česky: 2015
- Ruff M., et al.: Neuropeptides are Chemoattractants for Human Tumor Cells and Monocytes: A Possible Mechanism for Metastasis, *Clinical Immunology and Immunopathology*. Vol 37 (3), s. 387–396, 1985
- Rükl A.: Atlas Měsíce. Aventinum, Praha, 1991
- Ryan F.: I, virus: Why You're Only Half Human. *New Scientist*., 2010, on-line
- Samad N., et al.: Serum Levels of Leptin, Zinc and Tryptophan in Obese Subjects with Sleep Deficits. *Pak J Pharm Sci*. 30(4(Suppl.)):1431–1438, Jul 2017
- Santulli G., Xie W., Reiken S. R., Marks A.: Mitochondrial Calcium Overload is a Key Determinant in Heart Failure. *Proceedings of the National Academy of Sciences*. 112 (36), 11389–11394, 2015
- Saxl I.: Isaac Newton. Alchymista, filosof, heretik. In: Bečvář J. a Bečvářová eds. *Matematika v proměnách věků VI*. Str. 7-68. Matfyzpress, Praha, 2011
- Segal Z., Williams J., M. G., Teasdale J.: *Mindfulness-Based Cognitive Therapy for Depression*. Guilford Press, New York, 2013
- Sekla B.: Doslov ke knize L. Darwina: Co je to eugenika? Praha, 1936
- Sender R., Fuchs S., Milo R.: Are We Really Vastly Outnumbered? Revisiting the Ratio of Bacterial to Host Cells in Humans. *Cell*. 164 (3), 337–40, Jan 2016
- Shakespeare T.: *Disability Rights and Wrongs*. Routledge, 2006
- Shang Y., Feng P., Wang Ch.: Fungi That Infect Insects: Altering Host Behavior and Beyond. *PLoS Pathog*. 11(8), Aug 2015
- Scharfe C., Lu H. H., Neuenburg J. K., Allen E. A., Li G. C., Klopstock T., Cowan T. M., Enns G. M., Davis R. W.: Mapping Gene Associations in Human Mitochondria Using Clinical Disease Phenotypes. *PLoS Comput Biol*. 5 (4), 2009
- Sheldrake R.: *The Presence of the Past: Morphic Resonance and the Habits of Nature*. Times Books, New York, 1988
- Sheldrake R.: Myné domněky vědy, Osvobození vědy a oživení ducha svobodného bádání. Fontána, 2014 – originál: *The Science Delusion: Freeing the Spirit of Enquiry*, Coronet, 2012
- Schützenberger A.A.: *Exercices pratiques de psychogénéalogie*. Payot, Paris, 2011
- Schnitzler A., Gross J.: Normal and Pathological Oscillatory Communication in the Brain. *Nature Reviews Neuroscience*, 2005
- Schwimmer H. et al.: Light at Night and Melatonin have Opposite Effects on Breast Cancer Tumors in Mice Assessed by Growth Rates and Global DNA Methylation. *Chronobiology International*. Feb 2014
- Silanikove N., Leitner G., Merin U.: The Interrelationships between Lactose Intolerance and the Modern Dairy Industry: Global Perspectives in Evolutional and Historical Backgrounds". *Nutrients (Review)*. 7 (9), 7312–31, 2015
- Simunek M., Hoßfeld U., Wissemann V.: 'Rediscovery' Revised - the Cooperation of Erich and Armin von Tschermak-Seysenegg in the Context of the 'Rediscovery' of Mendel's Laws in 1899-1901. *Plant Biology*. 13 (6), 835–841, 2011
- Sineľnikov V. a kol.: *Odstraňovanie blokov rodovej linie*. Alexander Giertli, Bratislava, 2016 – originál: *Obretenije sily roda*, 2012
- Sudo N., Chida Y., Aiba Y., Sonoda J., Oyama N., Yu X.N., Kubo C., Koga Y.: Postnatal Microbial Colonization Programs of the Hypo-thalamic-Pituitary-Adrenal System for Stress Response in Mice. *J Physiol*. 558(Pt 1):263-75, Jul 2004
- Sumová A., Bendová Z., Sládek M., El-Hennamy R., Matejů K., Polidarová L., Sosniyenko S., Illnerová H.: Circadian Molecular Clocks Tick along Ontogenesis. *Physiol Res*. 57 Suppl 3:S139-48, 2008
- Sumová A., Jác M., Sládek M., Sauman I., Illnerová H.: Clock Gene Daily Profiles and their Phase Relationship in the Rat Suprachiasmatic Nucleus are Affected by Photoperiod. *J Biol Rhythms*. 18(2):134–44, Apr. 2003
- Suton, D.: *Platonic a Archimedean Solids*, Walker & Co., 2002
- Sutton D.: *Ruler and Compass*. Wooden Books, Glastonbury, 2009
- Sutton W. S.: On the Morphology of the Chromosome Group in *Brachystola Magna*. *Biol. Bull.* 4, 24–39, 1902

- Svačina Š.: Kardiiovaskulární riziko obezity a metabolického syndromu ve vztahu k novějším patogenetickým teoriím. Kapitoly z kardiologie, 1/2015
- Svačina Š.: Obezitologie a teorie metabolického syndromu. Triton, Praha, 2013
- Szyf M.: Lamarck Revisited: Epigenetic Inheritance of Ancestral Odor Fear Conditioning. *Nat. Neurosci.* 17 (1), 2–4, 2014
- Šuta M.: Biotechnologie, životní prostředí a udržitelný rozvoj. Společnost pro trvale udržitelný život, Praha, 2007
- Švejnoha J.: Jan Janský : objevitel čtvrté krevní skupiny. Český červený kříž, Praha, 2000
- Tamgüney G., Korczyn A. D.: A Critical Review of the Prion Hypothesis of Human Synucleinopathies. *Cell Tissue Res.*, Nov 2017
- Tegmark M.: Moje pátrání po nejhlubší podstatě reality. Dokořán, 2016 – originál: *Our Mathematical Universe: My Quest for the Ultimate Nature of Reality*, Random House, 2014
- Teuschel P.: Tajemství předků - Transgenerační přenos jako výzva a šance. Portál, 2017
- Thiering E.: Long-term Exposure to Traffic-related Air Pollution and Insulin Resistance in Children: Results from the GINIplus and LISAplus Birth Cohorts. *Diabetol.* 56:1696–1704, 2013
- Trocraz M., et al.: Mapping Axillary Microbiota Responsible for Body Odours Using a Culture-independent Approach Microbiome. 2015, on-line
- Tulving E. and Donaldson W. (Eds.): Organization of Memory. *Journal of Verbal Learning and Verbal Behavior*, 12,436–439, 1973
- Turnbaugh P. J. et al.: The Human Microbiome Project: Exploring the Microbial Part of Ourselves in a Changing world *Nature*. 449(7164): 804–810, Oct 2007
- Turney SG, Lichtman JW., Reversing the Outcome of Synapse Elimination at Developing Neuromuscular Junctions in Vivo: Evidence for Synaptic Competition and its Mechanism. *PLoS Biol.* 10(6), 2012
- Ulansey D.: Origins Of the Mithraic Mysteries: Cosmology and Salvation in the Ancient World. Oxford University Press, 1989
- UPMC/University of Pittsburgh Schools of the Health Sciences. Dad's Alcohol Consumption Could Influence Sons' Drinking, Pitt Mouse Study Finds. Jun 2014
- Váňa Z.: Svět slovanských bohů a démonů. Panorama, Praha, 1990
- Vogel F., Motulsky A.G.: Human Genetics. Springer-Verlag, Berlin, Heidelberg, 1997
- Von Györy T.: Semmelweis gesammelte Werke. Gustav Fischer, Jena, Germany, 1905
- Vrbík K., Vavrouš A., Pavloušková J., Malý M., Svačina Š., Piecha R., Lacinová Z., Müllerová D., Matějková D., Mráz M.: Stanovení ftalátů a bisfenolu A a jejich metabolitů v různých typech materiálů. *Klin. Biochem. Metab.*, 24 (45), No. 3, p. 153–159, 2016
- Waddington C. H.: The Epigenotype. *Endeavour.* 1, 18–20, 1942
- Wallace A. R.: Social Environment and Moral Progress. Cassell, 1913
- Wallace A. R.: Darwinism: An Exposition of the Theory of Natural Selection, with Some of Its Applications. Macmillan, 1889
- Waterland R. A., Jirtle J. L.: Transposable Elements: Targets for Early Nutritional Effects on Epigenetic Gene Regulation. *Molecular and Cell Biology*, 23, 5293–5300
- Watson J. D. and Crick F. H. C.: A Structure for Deoxyribose Nucleic Acid. *Nature.* roč. 171, čís. 4356, s. 737–738, 1953
- Watson J. D.: Tajemství DNA. Academia, Praha, 1995
- Watson P.: The German Genius: Europe's Third Renaissance, the Second Scientific Revolution, and the Twentieth Century. Harper Perennial, New York, 2010
- Weinfurter K.: Astrologie - Jak sestavit horoskop. Zmatlík a Palička, 1931
- Welles J. F.: Understanding Stupidity. An Analysis of Premaladaptive Beliefs and Behavior of Institutions and Organizations. Mount Pleasant Press, Orient N.Y., 1986

Welles J. F.: Understanding Stupidity. An Analysis of the Unnatural Selections of Beliefs and Behavior in Institutions and Organizations. Mount Pleasant Press, Orient N.Y, 1995

Wilkins M. H. F.; A.R. Stokes A.R. & Wilson, H.R.: Molecular Structure of Deoxyribose Nucleic Acids. Nature. roč. 171, čís. 4356, s. 738–740, 1953

Willandsen S. M.: Nuclear Transplantation in Sheep Embryos. Nature. roč. 320, čís. 6057, s. 63–65, 1986

Williamson J.: Dragon's Island, 1951

Wilmut I., Schnieke A. E., McWhir J., Kind A. J., Campbell K. H.: Viable Offspring Derived from Fetal and Adult Mammalian Cells. Nature. roč. 385, čís. 6619, s. 810–3, 1997

Witten E.: String Theory Dynamics in Various Dimensions. Nuclear Physics B. 443 (1), 85–126, 1995

Wyllie R.: Pediatric Gastrointestinal and Liver Disease. Elsevier, 2015

Yang X., Tian X. C.: Cloning Adult Animals - what is the Genetic Age of the Clones?. Cloning. roč. 2, čís. 3, s. 123–8, 2000

Yanhui Lu a kol.: Widespread Adoption of Bt Cotton and Insecticide Decrease Promotes Biocontrol Services. Nature, 2012

Zhou W.: The Patent Landscape of Genetically Modified Organisms. Science in the News. Aug 2015

Zimmermann B. G., Grill S., Holzgreve W., Zhong X. Y., Jackson L. G., Hahn S.: Digital PCR: a Powerful New Tool for Noninvasive Prenatal Diagnosis?. Prenatal Diagnostics. 28 (12), 1087–93, Dec 2008

<https://citaty.net/autori/platon/>

[http://www.genomenetwork.org/resources/timeline/1902\\_Boveri\\_Sutton.php](http://www.genomenetwork.org/resources/timeline/1902_Boveri_Sutton.php)

[http://www.linnaeus.uu.se/online/life/8\\_3.html](http://www.linnaeus.uu.se/online/life/8_3.html)

<http://outsidermedia.cz/patafyzika-vesmiru-4-cast/>

<http://web.uconn.edu/mcb201/F04-06.JPG>

<http://www.bbc.co.uk/> <http://wikipedia.infostar.cz> <http://www.scienceworld.cz>

<http://www.orpha.net/>

<https://www.webmd.com/baby/non-invasive-prenatal-diagnosis-nipd>

<https://www.whatisepigenetics.com/dna-methylation/>

<https://doi.org/10.1210/jcem.87.2.8201>

<https://www.normschwartzmd.com>

<http://www.nature.com/news/scientists-bust-myth-that-our-bodies-have-more-bacteria-than-human-cells-1.19136>

[http://biol.lf1.cuni.cz/ucebnice/repetitivni\\_dna.htm](http://biol.lf1.cuni.cz/ucebnice/repetitivni_dna.htm)

<http://ekonomika.idnes.cz/antibiotika-a-chovy-zvirat-dd1-/test.aspx?c=2003M202T05A>

<https://www.celostnimediceina.cz/nori-morska-rasa-z-japonska.htm>

<https://zdravezdravi.cz/zdrava-vyziva/koreni-vliv-na-zdravi>

<https://www.celostnimediceina.cz/koreni-a-zdravi.htm>

<http://www.zdravi-nemoc.cz/bylinky-pro-lepsi-zdravi>

<http://mbct.com/>

<http://www.Lidice-memorial.cz/en/museum/exhibitions-and-events-in-the-museum/populační politika v protektorátu>

<https://www.webmd.com/baby/non-invasive-prenatal-diagnosis-nipd>

<https://www.gosh.nhs.uk>. Retrieved 2016-02-21. Referral guidelines - cancer genetics“..