

Références bibliographiques

- Adhikari K., Hartemink A.E. (2016). Linking soils to ecosystem services – A global review. *Geoderma*, 262, 101-111.
- Agus A., Denizot J. et al. (2016). Western diet induces a shift in microbiota composition enhancing susceptibility to Adherent-Invasive E. coli infection and intestinal inflammation. *Scientific Reports*, 6, 1-14.
- Altieri M.A., Nicholls C.I. (2003). Soil fertility management and insect pests: Harmonizing soil and plant health in agroecosystems. *Soil and Tillage Research*, 72(2), 203-211.
- Andreote F.D., Pereira e Silva M. de C. (2017). Microbial communities associated with plants: learning from nature to apply it in agriculture. *Current Opinion in Microbiology*, 37, 29-34.
- Birch A.N., Begg G.S., Squire G.R. (2011). How agro-ecological research helps to address food security issues under new IPM and pesticide reduction policies for global crop production systems. *Journal of Experimental Botany*, 62(10), 3251-3261.
- Collins A., Galli A., Patrizi N., Pulselli F.M. (2018). Learning and teaching sustainability: The contribution of Ecological Footprint calculators. *Journal of Cleaner Production*, 174, 1000-1010.
- Dias T., Dukes A., Antunes P.M. (2014). Accounting for soil biotic effects on soil health and crop productivity in the design of crop rotations. *Journal of the Science of Food and Agriculture*, 95(3), 447-454.
- Doornbos R. F., Van Loon L.C., Bakker P.A. (2012). Impact of root exudates and plant defense signaling on bacterial communities in the rhizosphere. A review. *Agronomy for Sustainable Development*, 32(1), 227-243.
- Doran J.W., Zeiss M.R. (2000). Soil health and sustainability: managing the biotic component of soil quality. *Applied soil ecology*, 15(1), 3-11.
- Döring T.F., Vieweger A., Pautasso M., Vaarst M., Finckh M.R., Wolfe M.S. (2014). Resilience as a universal criterion of health. *Journal of the Science of Food and Agriculture*, 95(3), 455-465.
- Ducrot C., Fric D., Lalmanach A.C., Monnet V., et al. (2017). Perspectives d'alternatives thérapeutiques antimicrobiennes aux antibiotiques en élevage. *INRA Productions Animales*, 30 (1), 77-88.
- Durand D., Damon M., Gobert M. (2013). Le stress oxydant chez les animaux de rente : principes généraux. *Cahiers de Nutrition et de Diététique*, 48(5), 218-224.
- Duru M., Bastien D., Froimont E., Graulet B., (2017). Importance des produits issus de bovins au pâturage sur les apports nutritionnels et la santé du consommateur. *Fourrages*, 230, 131-140.
- Fardet A., Rock E. (2014). Toward a New Philosophy of Preventive Nutrition: From a Reductionist to a Holistic Paradigm to Improve Nutritional Recommendations. *Advances in Nutrition: An International Review*, 5, 430-446.
- Fardet A., Boirie Y. (2013). Associations between diet-related diseases and impaired physiological mechanisms: A holistic approach based on meta-analyses to identify targets for preventive nutrition. *Nutrition Reviews*, 71(10), 643-656.
- Gordon L.J., Bignet V., Crona B., Henriksson P.J.G., Holt T.Van. (2017). Rewiring food systems to enhance human health and biosphere stewardship. *Environmental Research Letters*, 12(10).
- Gray N.F. (2015). The Planet's Health. In *Facing Up to Global Warming*. Springer International, 333-356.
- Gregorini P., Villalba J.J., Chilibruste P., Provenza F.D. (2017). Grazing management: Setting the table, designing the menu and influencing the diner. *Animal Production Science*, 57(7), 1248-1268.
- Heasman M., Lang T. (2015). *Food wars: the global battle for mouths, minds and markets*. Routledge.
- Hoffman J.B., Hennig B. (2017). Protective influence of healthful nutrition on mechanisms of environmental pollutant toxicity and disease risks. *Annals of the New York Academy of Sciences*, 1398(1), 99-107.
- Hoffman J.B., Hennig B. (2017). Protective influence of healthful nutrition on mechanisms of environmental pollutant toxicity and disease risks. *Annals of the New York Academy of Sciences*, 1398(1), 99-107.
- Inra (2017). Evaluation des services écosystémiques rendus par les écosystèmes agricoles. Une contribution au programme EFESE. Résumé de l'étude, Inra (France), 12 p., <http://institut.inra.fr/Missions/Eclairer-les-decisions/Etudes/Toutes-les-actualites/EFESE-services-ecosystemiques-rendus-par-les-ecosystemes-agricoles#>

- Keith A.M., Schmidt O., McMahon B.J. (2016). Soil stewardship as a nexus between ecosystem services and one health. *Ecosys. Serv.* 17, 40-42. doi: 10.1016/j.ecoser.2015.11.008
- Lu Y., Wang R., Zhang Y., Su H. et al. (2015). Ecosystem health towards sustainability. *Ecosystem Health and Sustainability*, 1(1), 2.
- Meynard J.M., Messéan A., Charlier A. et al. (2013). Freins et leviers à la diversification des cultures : étude au niveau des exploitations agricoles et des filières. *OCL*, 20(4), D40 3.
- Myers S.S. (2017). Planetary health: protecting human health on a rapidly changing planet. *The Lancet*, [390](#), [10114](#), 2860-2868.
- Nielsen U.N., Wall D.H., Six J. (2015). Soil Biodiversity and the Environment. *Annual Review of Environment and Resources*, 40(1), 63-90.
- Paustian K., Lehmann J., Ogle S., Reay D., Robertson G. P., Smith P. (2016). Climate-smart soils. *Nature*, 532(7597), 49-57.
- Provenza F. D., Villalba J.J. (2010). The role of natural plant products in modulating the immune system: An adaptable approach for combating disease in grazing animals. *Small Ruminant Research*, 89(2-3), 131-139.
- Ren W., Hu L., Zhang J., Sun C., Tang J., Yuan Y., Chen X. (2014). Can positive interactions between cultivated species help to sustain modern agriculture? *Frontiers in Ecology and the Environment*, 12(9), 507-514.
- Rillig M.C., Lehmann A., Lehmann J., Camenzind T., Rauh C. (2017). Soil Biodiversity Effects from Field to Fork. *Trends in Plant Science*, 23(1), 17-24.
- Sandifer P.A., Sutton-Grier A. E., Ward B.P. (2015). Exploring connections among nature, biodiversity, ecosystem services, and human health and well-being: Opportunities to enhance health and biodiversity conservation. *Ecosystem Services*, 12, 1-15.
- Sommer F., Anderson J.M., Bharti R., Raes J., Rosenstiel P. (2017). The resilience of the intestinal microbiota influences health and disease. *Nature Reviews Microbiology*, 15(10), 630-638.
- Steffen W., Richardson K., Rockström J., Cornell S.E. et al. (2015). Sustainability. Planetary boundaries: guiding human development on a changing planet. *Science*, 347(6223), 1259855.
- Tilman D., Clark M. (2014). Global diets link environmental sustainability and human health. *Nature*, 515(7528), 518-522.
- Tilman D., Clark M., Williams D.R., Kimmel K., Polasky S., Packer C. (2017). Future threats to biodiversity and pathways to their prevention. *Nature*, 546(7656), 73-81.
- Vieweger A., Döring T.F. (2014). Assessing health in agriculture. Towards a common research framework for soils, plants, animals, humans and ecosystems. *Journal of the Science of Food and Agriculture*, 95(3), 438-446.
- Vukicevich E., Lowery T., Bowen P., Úrbez-Torres J.R., Hart M. (2016). Cover crops to increase soil microbial diversity and mitigate decline in perennial agriculture. A review. *Agronomy for Sustainable Development*, 36(3), 48.
- Wang J., Liu Q., Hou Y., Qin W., Lesschen J. P., et al. (2017). International trade of animal feed: its relationships with livestock density and N and P balances at country level. *Nutrient Cycling in Agroecosystems*, 1-15.
- Whitmee S., Haines A., Beyrer C. et al. (2015). Safeguarding human health in the Anthropocene epoch: Report of the Rockefeller Foundation-Lancet Commission on planetary health. *The Lancet*, 386(10007), 1973-2028.