MINISTERIO
DE DERECHOS SOCIALES, CONSUMO
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agencia
española de
seguridad
alimentaria y
nutrición

DOCUMENTS OF INTEREST

Bibliography on *Psychosocial Factors and Food Safety*

Spanish Agency for Food Safety and Nutrition (AESAN)

This document presents a selection of scientific publications of interest in the field of psychosocial factors applied to food safety. Its aim is to provide an overview of the psychological, behavioral, and social factors that influence risk perception, trust in institutions, personal values, and the behavior of the various stakeholders involved in food safety. This document does not aim to compile all existing literature, nor necessarily the most prominent publications, but rather to present a representative selection of scientific studies that provide a human and social perspective on the understanding of food safety.

- Berger, N., Koch, S., Jungnickel, K., & Böl, G.-F. (2023**). Food safety in the aging population: Qualitative findings on what to communicate and how**. Risk Analysis, 43(9), 1843–1854. https://doi.org/10.1111/risa.14069
- Bestle, S. M. S., Trolle, E., Biltoft-Jensen, A. P., Christensen, B. J., Matthiessen, J., Stockmarr, A., & Lassen, A. D. (2025). **Parental norms and attitudes in relation to children's sugar consumption − A mediation analysis of the "Are You Too Sweet?" intervention study**. Food Quality and Preference, 123, Article 105353. https://doi.org/10.1016/j.foodqual.2024.105353
- Breakwell, G. M. (2007). **The psychology of risk**. Cambridge University Press. https://doi.org/10.1017/CBO9781139061933
- Campos, R. C. L., Vilas Boas, L. H. B., & Brito, M. J. (2024). **Food safety, consumption behavior, and personal values: An integrative review**. Revista de Administração da UFSM, 17(3), e4. https://doi.org/10.5902/1983465986918
- Espeitx Bernat, E., & Cáceres Nevot, J. (2019). **Maneras de clasificar los alimentos y elecciones alimentarias.** AIBR. Revista de Antropología Iberoamericana, 14(1), 145–167. https://doi.org/10.11156/aibr.140108
- Espeitx Bernat, E., Cantarero Abad, L., Medina, F. X., & Cáceres Nevot, J. (2014). **El papel de la información en las cogniciones y percepciones hacia nuevas tecnologías aplicadas a los alimentos**. Política y Sociedad, 51(1), 95–120. https://doi.org/10.5209/rev_POSO.2014.v51.n1.42482
- Food Standards Australia New Zealand (FSANZ). (2023a). **Consumer research report: Cell-based meat terminology.** FSANZ. https://www.foodstandards.gov.au/sites/default/files/2023-11/P1059-finalconsumer-research-report-2023.pdf
- Food Standards Australia New Zealand (FSANZ). (2023b). **Consumer values, perceptions and behaviours in relation to carbohydrate and sugar claims on alcoholic beverages: Literature review** (Supporting Document 1 to Application P1049). https://www.foodstandards.gov.au/sites/default/files/2023-11/SD1%20-%20Consumer%20literature%20review%20P1049.pdf

- Jenkins, S. C., Harris, A. J. L., & Osman, M. (2020a). **Influence of psychological factors in food risk assessment: A review.** Trends in Food Science & Technology, 99, 330–339. https://doi.org/10.1016/j.tifs.2020.07.010
- Jenkins, S. C., Harris, A. J. L., & Osman, M. (2020b). **What drives risk perceptions? Revisiting public perceptions of food hazards associated with production and consumption.** Journal of Risk Research, 24(10), 1450–1464. https://doi.org/10.1080/13669877.2020.1871057
- Jenkins, S. C., Lachlan, R. F., & Osman, M. (2024). **An integrative framework for mapping the psychological landscape of risk perception.** Scientific Reports, 14(10989). https://doi.org/10.1038/s41598-024-59189-y
- Liu, J., Han, Z., Liu, Y., & William, S. (2023). **Trust in government, perceived integrity and food safety protective behavior: The mediating role of risk perception.** International Journal of Public Health, 68, 1605432. https://doi.org/10.3389/ijph.2023.1605432
- Machín, L., Antúnez, L., Curutchet, M. R., & Ares, G. (2020). **The heuristics that guide healthiness perception of ultra-processed foods: A qualitative exploration.** Public Health Nutrition, 23(16), 2932–2940. https://doi.org/10.1017/S1368980020003158
- Spagnoli, P., Jacxsens, L., Uyttendaele, M., & De Boeck, E. (2024). **The journey of improving food safety culture: A case study in the food industry.** Food Control, 163, Article 110312. https://doi.org/10.1016/j.foodcont.2024.110312
- Shyam, S., & Salas-Salvadó, J. (2025). **The impact of investigator bias in nutrition research.** Frontiers in Nutrition, 12, Article 1513343. https://www.frontiersin.org/journals/nutrition/articles/10.3389/fnut.2025.1513343/full
- Manning, L., & Grant, J. H. (2024). **Food safety management systems: The role of cognitive and cultural biases in determining what is 'safe enough'.** Trends in Food Science & Technology, 156, Article 104811. https://www.sciencedirect.com/science/article/pii/S0924224424004874
- Monaco, A. (2025). **The role of heuristics and biases in the choice of risk triggers for novel foods and GMOs in the European Union.** European Journal of Risk Regulation, 16 (2), 217–234. https://www.cambridge.org/core/journals/european-journal-of-riskregulation/article/role-of-heuristics-and-biases-in-the-choice-of-risk-triggers-fornovel-foods-and-gmos-in-the-europeanunion/6C1B8848077875697A32D0C302282B08
- Dror, I. (2020). **Cognitive and human factors in expert decision making: Six fallacies and the eight sources of bias.** Analytical Chemistry, 92*(12), 7998–8004. https://doi.org/10.1021/acs.analchem.0c00704
- Baddeley, M. (2015). **Herding, social influences and behavioural bias in scientific research communities.** PLoS ONE, 10(7), e0130741. https://doi.org/10.1371/journal.pone.0130741