Table 4.3 Fifty key journal articles recommending reductions in animal consumption for climate mitigation and other co-benefits (2003–22).

	Author(s)	Title	Journal	Year
1	D. Pimentel and M. Pimentel	Sustainability of meat-based and plant-based diets and the environment	*American Journal of Clinical Nutrition*	2003
2	A.J. McMichael, J.W. Powles, C.D. Butler and R. Uauy	Food, livestock production, energy, climate change, and health	*The Lancet*	2007
3	S. Friel, A.D. Dangour, T. Garnett, K. Lock, Z. Chalabi, I. Roberts et al.	Public health benefits of strategies to reduce greenhouse-gas emissions: food and agriculture	*The Lancet*	2009
4	A. Haines, A.J. McMichael, K.R. Smith, I. Roberts, J. Woodcock, A. Markandya et al.	Public health benefits of strategies to reduce greenhouse-gas emissions: overview and implications for policy makers	*The Lancet*	2009
5	J. Powles	Commentary: why diets need to change to avert harm from global warming	*International Journal of Epidemiology*	2009
6	B.M. Popkin	Reducing meat consumption has multiple benefits for the world's health	*Archives of Internal Medicine*	2009
7	T. Garnett	Livestock-related greenhouse gas emissions: impacts and options for policy makers	*Environmental Science and Policy*	2009
8	A. Carlsson-Kanyama and A. González	Potential contributions of food consumption patterns to climate change	*American Journal of Clinical Nutrition*	2009
9	H.J. Marlow, W.K. Hayes, S. Soret, R.L. Carter, E.R. Schwab and J. Sabaté	Diet and the environment: does what you eat matter?	*American Journal of Clinical Nutrition*	2009
10	E. Stehfest, L. Bouwman, D.P. van Vuuren, M.G.J. den Elzen, B. Eickhout and P. Kabat	Climate benefits of changing diet	*Climatic Change*	2009
11	H. Steinfeld and P. Gerber	Livestock production and the global environment: consume less or produce better?	*Proceedings of the National Academy of Sciences*	2010
12	N. Pelletier and P. Tyedmers	Forecasting potential global environmental costs of livestock production 2000–2050	*Proceedings of the National Academy of Sciences*	2010
13	S. Wirsenius, C. Azar and G. Berndes	How much land is needed for global food production under scenarios of dietary changes and livestock productivity increases in 2030?	*Agricultural Systems*	2010
14	J.A. Foley, N. Ramankutty, K.A. Brauman, E.S. Cassidy, J.S. Gerber, M. Johnston et al.	Solutions for a cultivated planet	*Nature*	2011
15	S. Wirsenius, F. Hedenus and K. Mohlin	Greenhouse gas taxes on animal food products: rationale, tax scheme and climate mitigation effects	*Climatic Change*	2011
16	D. Nijdam, T. Rood and H. Westhoek	The price of protein: review of land use and carbon footprints from life cycle assessments of animal food products and their substitutes	*Food Policy*	2012

17	E.A. Davidson	Representative concentration pathways and mitigation scenarios for nitrous oxide	*Environmental Research Letters*	2012
18	I. Tomlinson	Doubling food production to feed the 9 billion: a critical perspective on a key discourse of food security in the UK	*Journal of Rural Studies*	2013
19	D. Tilman and M. Clark	Global diets link environmental sustainability and human health	*Nature*	2014
20	W.J. Ripple, P. Smith, H. Haberl, S.A. Montzka, C. McAlpine and D.H. Boucher	Ruminants, climate change and climate policy	*Nature Climate Change*	2014
21	F. Hedenus, S. Wirsenius and D.J.A. Johansson	The importance of reduced meat and dairy consumption for meeting stringent climate change targets	*Climatic Change*	2014
22	B. Machovina, K.J. Feeley and W.J. Ripple	Biodiversity conservation: the key is reducing meat consumption	*Science of the Total Environment*	2015
23	S. Stoll-Kleemann and T. O'Riordan	The sustainability challenges of our meat and dairy diets	*Environment: Science and Policy for Sustainable Development*	2015
24	K.-H. Erb, C. Lauk, T. Kastner, A. Mayer, M.C. Theurl and H. Haberl	Exploring the biophysical option space for feeding the world without deforestation	*Nature Communications*	2016
25	L. Aleksandrowicz, R. Green, E.J.M. Joy, P. Smith and A. Haines	The impacts of dietary change on greenhouse gas emissions, land use, water use, and health: a systematic review	*PLOS One*	2016
26	M. Springmann, C.J. Godfray, M. Rayner and P. Scarborough	Analysis and valuation of the health and climate change co-benefits of dietary change	*Proceedings of the National Academy of Sciences*	2016
27	D. Bryngelsson, S. Wirsenius, F. Hedenus and U. Sonesson	How can the EU climate targets be met? A combined analysis of technological and demand-side changes in food and agriculture	*Food Policy*	2016
28	P. Behrens, J.C. Kiefte-de Jong, T. Bosker, J.F.D. Rodrigues, A. de Koning and A. Tukker	Evaluating the environmental impacts of dietary recommendations	*Proceedings of the National Academy of Sciences*	2017
29	R.R. White and M.B. Hall	Nutritional and greenhouse gas impacts of removing animals from US agriculture	*Proceedings of the National Academy of Sciences*	2017
30	H. Harwatt, J. Sabaté, G. Eshel, S. Soret and W. Ripple	Substituting beans for beef as a contribution toward US climate change targets	*Climatic Change*	2017
31	M. Swain, L. Blomqvist, J. McNamara and W.J. Ripple	Reducing the environmental impact of global diets	*Science of the Total Environment*	2018
32	T. Searchinger, S. Wirsenius, T. Beringer and P. Dumas	Assessing the efficiency of changes in land use for mitigating climate change	*Nature*	2018
33	M. Springmann, M. Clark, D. Mason-D'Croz, K. Wiebe, B.L. Bodirsky, L. Lassaletta et al.	Options for keeping the food system within environmental limits	*Nature*	2018
34	A. Shepon, G. Eshel, E. Noor and R. Milo	The opportunity cost of animal-based diets exceeds all food losses	*Proceedings of the National Academy of Sciences*	2018

35	J. Poore and T. Nemecek	Reducing food's environmental impacts through producers and consumers	*Science*	2018
36	H.C.J. Godfray, P. Aveyard, T. Garnett, J.W. Hall, T.J. Key, J. Lorimer et al.	Meat consumption, health, and the environment	*Science*	2018
37	M. Berners-Lee, C. Kennelly, R. Watson and C.N. Hewitt	Current global food production is sufficient to meet human nutritional needs in 2050 provided there is radical societal adaptation	*Elementa: Science of the Anthropocene*	2018
38	H. Harwatt	Including animal to plant protein shifts in climate change mitigation policy: a proposed three-step strategy	*Climate Policy*	2019
39	N. Bowles, S. Alexander and M. Hadjikakou	The livestock sector and planetary boundaries: a "limits to growth" perspective with dietary implications	*Ecological Economics*	2019
40	R.C. Henry, P. Alexander, S. Rabin, P. Anthoni, M.D.A. Rounsevell and A. Arneth	The role of global dietary transitions for safeguarding biodiversity	*Global Environmental Change*	2019
41	G.M. Poppy and J. Baverstock	Rethinking the food system for human health in the Anthropocene	*Current Biology*	2019
42	B.F. Kim, R.E. Santo, A.P. Scatterday, J.P. Fry, C.M. Synk, S.R. Cebron et al.	Country-specific dietary shifts to mitigate climate and water crises	*Global Environmental Change*	2020
43	M.C. Theurl, C. Lauk, G. Kalt, A. Mayer, K. Kaltenegger, T.G. Morais et al.	Food systems in a zero- deforestation world: dietary change is more important than intensification for climate targets in 2050	*Science of the Total Environment*	2020
44	W.J. Ripple, C. Wolf, T.M. Newsome, P. Barnard, W.R. Moomaw and P. Grandcolas	World scientists' warning of a climate emergency (signed by 11,258 scientists from 153 countries)	*Bioscience*	2020
45	M.A. Clark, N.G.G. Domingo, K. Colgan, S.K. Thakrar, D. Tilman, J. Lynch et al.	Global food system emissions could preclude achieving the 1.5° and 2°C climate change targets	*Science*	2020
46	M.N. Hayek, H. Harwatt, W.J. Ripple and N.D. Mueller	The carbon opportunity cost of animal-sourced food production on land	*Nature Sustainability*	2021
47	I. Hamilton, H. Kennard, A. McGushin, L. Höglund-Isaksson, G. Kiesewetter, M. Lott et al.	The public health implications of the Paris Agreement: a modelling study	*Lancet Planetary Health*	2021
48	M. Crippa, E. Solazzo, D. Guizzardi, F. Monforti-Ferrario, F.N. Tubiello and A.J.N.F Leip	Food systems are responsible for a third of global anthropogenic greenhouse gas emissions	*Nature Food*	2021
49	M.B. Eisen and P.O. Brown	Rapid global phaseout of animal agriculture has the potential to stabilize greenhouse gas levels for 30 years and offset 68 percent of CO_2 emissions this century	*PLOS Climate*	2022
50	Z. Sun, L. Scherer, A. Tukker, S.A. Spawn-Lee, M. Bruckner, H.K. Gibbs et al.	Dietary change in high-income nations alone can lead to substantial double climate dividend	*Nature Food*	2022

Table source: Twine, R. (2024) *The Climate Crisis and Other Animals*. Sydney: Sydney University Press. pp.161-166.