Gregory M Peters

List of Publications by Year
in descending order

98	5,349	87723 38	85405 71
papers	citations	h-index	g-index

108	108	108	4913
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	No stain, no pain â€“ A multidisciplinary review of factors underlying domestic laundering. Energy Research and Social Science, 2022, 84, 102442.	3.0	6
2	Prospective environmental risk screening of seven advanced materials based on production volumes and aquatic ecotoxicity. NanoImpact, 2022, 25, 100393.	2.4	9
3	An Outdoor Aging Study to Investigate the Release of Per- And Polyfluoroalkyl Substances (PFAS) from Functional Textiles. Environmental Science & Technology, 2022, 56, 3471-3479.	4.6	51
4	Prospective Life-Cycle Modeling of Quantum Dot Nanoparticles for Use in Photon Upconversion Devices. ACS Sustainable Chemistry and Engineering, 2021, 9, 5187-5195.	3.2	3
5	Sharing is caringÂ-Âthe importance of capital goods when assessing environmental impacts from private and shared laundry systems in Sweden. International Journal of Life Cycle Assessment, 2021, 26, 1085-1099.	2.2	11
6	The need to decelerate fast fashion in a hot climate - A global sustainability perspective on the garment industry. Journal of Cleaner Production, 2021, 295, 126390.	4.6	85
7	Combining ‹i›In Silico‹/i› Tools with Multicriteria Analysis for Alternatives Assessment of Hazardous Chemicals: Accounting for the Transformation Products of decaBDE and Its Alternatives. Environmental Science & Technology, 2021, 55, 1088-1098.	4.6	10
8	What difference can drop-in substitution actually make? A life cycle assessment of alternative water repellent chemicals. Journal of Cleaner Production, 2021, 329, 129661.	4.6	7
9	An (Eco)Toxicity Life Cycle Impact Assessment Framework for Per- And Polyfluoroalkyl Substances. Environmental Science & Technology, 2020, 54, 6224-6234.	4.6	33
10	The environmental price of fast fashion. Nature Reviews Earth & Environment, 2020, 1, 189-200.	12.2	514
11	Review of life-cycle based methods for absolute environmental sustainability assessment and their applications. Environmental Research Letters, 2020, 15, 083001.	2.2	121
12	A Swedish comment on â€˜review: the availability of life-cycle studies in Swedenâ€™. International Journal of Life Cycle Assessment, 2019, 24, 1758-1759.	2.2	2
13	Environmental Prospects for Mixed Textile Recycling in Sweden. ACS Sustainable Chemistry and Engineering, 2019, 7, 11682-11690.	3.2	41
14	Combining in Silico Tools with Multicriteria Analysis for Alternatives Assessment of Hazardous Chemicals: A Case Study of Decabromodiphenyl Ether Alternatives. Environmental Science & Technology, 2019, 53, 6341-6351.	4.6	17
15	The Earth System. , 2019, , 19-43.		0
16	Impacts of Chemical Pollution. , 2019, , 44-64.		0
17	Modelling Environmental Transport and Fate of Pollutants. , 2019, , 65-93.		3
18	Qualitative and Quantitative Risk Assessment. , 2019, , 118-138.		1

#	Article	IF	Citations
19	Environmental Assessment of Products and Processes. , 2019, , 139-169.		0
20	The Engineerâ€™s Role in Environmental Protection. , 2019, , 1-18.		0
21	Introduction to Toxicology. , 2019, , 94-117.		0
22	Regulatory Structures. , 2019, , 170-197.		0
23	Environmental impact of textile reuse and recycling â€“ A review. Journal of Cleaner Production, 2018, 184, 353-365.	4.6	529
24	Hotspot identification in the clothing industry using social life cycle assessmentâ€”opportunities and challenges of input-output modelling. International Journal of Life Cycle Assessment, 2018, 23, 536-546.	2.2	45
25	How information about hazardous fluorinated substances increases willingness-to-pay for alternative outdoor garments: A Swedish survey experiment. Journal of Cleaner Production, 2018, 202, 130-138.	4.6	8
26	Perspectives on quantifying and influencing household metabolism. Journal of Environmental Planning and Management, 2017, 60, 178-203.	2.4	7
27	Improved life cycle modelling of benefits from sewage sludge anaerobic digestion and land application. Resources, Conservation and Recycling, 2017, 122, 126-134.	5.3	41
28	Life cycle assessment of sludge management with phosphorus utilisation and improved hygienisation in Sweden. Water Science and Technology, 2017, 75, 2013-2024.	1.2	10
29	Estimating human toxicity potential of land application of sewage sludge: the effect of modelling choices. International Journal of Life Cycle Assessment, 2017, 22, 731-743.	2.2	23
30	Dissolved methane in the influent of three Australian wastewater treatment plants fed by gravity sewers. Science of the Total Environment, 2017, 599-600, 85-93.	3.9	18
31	Life cycle assessment (LCA) of urban water infrastructure: emerging approaches to balance objectives and inform comprehensive decision-making. Environmental Science: Water Research and Technology, 2017, 3, 1002-1014.	1.2	47
32	Life cycle assessment of clothing libraries: can collaborative consumption reduce the environmental impact of fast fashion?. Journal of Cleaner Production, 2017, 162, 1368-1375.	4.6	176
33	Aggregating local, regional and global burden of disease impact assessment: detecting potential problem shifting in air quality policy making. International Journal of Life Cycle Assessment, 2017, 22, 1543-1557.	2.2	3
34	Using quantitative microbial risk assessment and life cycle assessment to assess management options in urban water and sanitation infrastructures: Opportunities and unresolved issues. Microbial Risk Analysis, 2017, 5, 71-77.	1.3	10
35	Will Clothing Be Sustainable? Clarifying Sustainable Fashion. Textile Science and Clothing Technology, 2017, , 1-45.	0.4	9
36	A life cycle perspective of slurry acidification strategies under different nitrogen regulations. Journal of Cleaner Production, 2016, 127, 591-599.	4.6	22

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37	Life cycle inventory practices for major nitrogen, phosphorus and carbon flows in wastewater and sludge management systems. International Journal of Life Cycle Assessment, 2016, 21, 1197-1212.	2.2	36
38	LCA of Forest Productsâ€"Challenges and Solutions. Springer Briefs in Molecular Science, 2016, , 25-67.	0.1	5
39	Future Research Needs. Springer Briefs in Molecular Science, 2016, , 69-72.	0.1	0
40	LCA Methodology. Springer Briefs in Molecular Science, 2016, , 15-23.	0.1	1
41	A life cycle assessment (LCA)-based approach to guiding an industry sector towards sustainability: the case of the Swedish apparel sector. Journal of Cleaner Production, 2016, 133, 691-700.	4.6	96
42	Properties, performance and associated hazards of state-of-the-art durable water repellent (DWR) chemistry for textile finishing. Environment International, 2016, 91, 251-264.	4.8	100
43	Including pathogen risk in life cycle assessment: the effect of modelling choices in the context of sewage sludge management. International Journal of Life Cycle Assessment, 2016, 21, 60-69.	2.2	25
44	Greening the Street-Level Procurer: Challenges in the Strongly Decentralized Swedish System. Journal of Consumer Policy, 2016, 39, 467-483.	0.6	23
45	Three methods for strategic product toxicity assessmentâ€"the case of the cotton T-shirt. International Journal of Life Cycle Assessment, 2015, 20, 903-912.	2.2	22
46	Including Pathogen Risk in Life Cycle Assessment of Wastewater Management. Implications for Selecting the Functional Unit. Environmental Science & Technology, 2015, 49, 14-15.	4.6	16
47	Ecolabels as drivers of clothing design. Journal of Cleaner Production, 2015, 99, 345-353.	4.6	57
48	Assessing burden of disease as disability adjusted life years in life cycle assessment. Science of the Total Environment, 2015, 530-531, 120-128.	3.9	38
49	Carbon footprints in the textile industry. , 2015, , 3-30.		12
50	Allocation in LCAs of biorefinery products: implications for results and decision-making. Journal of Cleaner Production, 2015, 93, 213-221.	4.6	79
51	Global and local health burden trade-off through the hybridisation of quantitative microbial risk assessment and life cycle assessment to aid water management. Water Research, 2015, 79, 26-38.	5.3	27
52	Using the planetary boundaries framework for setting impact-reduction targets in LCA contexts. International Journal of Life Cycle Assessment, 2015, 20, 1684-1700.	2.2	94
53	Towards More Holistic Environmental Impact Assessment: Hybridisation of Life Cycle Assessment and Quantitative Risk Assessment. Procedia CIRP, 2015, 29, 378-383.	1.0	29
54	Is Unbleached Cotton Better Than Bleached? Exploring the Limits of Life-Cycle Assessment in the Textile Sector. Clothing and Textiles Research Journal, 2015, 33, 231-247.	2.2	43

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55	Review of Environmental Assessment Case Studies Blending Elements of Risk Assessment and Life Cycle Assessment. Environmental Science & Technology, 2015, 49, 13083-13093.	4.6	56
56	Streamlining life cycle inventory data generation in agriculture using traceability data and information and communication technologies â€“ part II: application to viticulture. Journal of Cleaner Production, 2015, 87, 119-129.	4.6	30
57	A Carbon Footprint of Textile Recycling: A Case Study in Sweden. Journal of Industrial Ecology, 2015, 19, 676-687.	2.8	86
58	Improving odour assessment in LCAâ€"the odour footprint. International Journal of Life Cycle Assessment, 2014, 19, 1891-1900.	2.2	18
59	Method for technical, economic and environmental assessment of advanced sludge processing routes. Water Science and Technology, 2014, 69, 2407-2416.	1.2	14
60	Life cycle assessment of pig slurry treatment technologies for nutrient redistribution in Denmark. Journal of Environmental Management, 2014, 132, 60-70.	3.8	57
61	Streamlining life cycle inventory data generation in agriculture using traceability data and information and communication technologies â€“ part I: concepts and technical basis. Journal of Cleaner Production, 2014, 69, 60-66.	4.6	30
62	Understanding the impacts of allocation approaches during process-based life cycle assessment of water treatment chemicals. Integrated Environmental Assessment and Management, 2014, 10, 87-94.	1.6	12
63	Life cycle assessment of construction materials: the influence of assumptions in end-of-life modelling. International Journal of Life Cycle Assessment, 2014, 19, 723-731.	2.2	88
64	Consequential cradle-to-gate carbon footprint of water treatment chemicals using simple and complex marginal technologies for electricity supply. International Journal of Life Cycle Assessment, 2014, 19, 1974-1984.	2.2	10
65	Including Pathogen Risk in Life Cycle Assessment of Wastewater Management. 1. Estimating the Burden of Disease Associated with Pathogens. Environmental Science & Technology, 2014, 48, 9438-9445.	4.6	59
66	Including Pathogen Risk in Life Cycle Assessment of Wastewater Management. 2. Quantitative Comparison of Pathogen Risk to Other Impacts on Human Health. Environmental Science & Technology, 2014, 48, 9446-9453.	4.6	46
67	Making the most of LCA in technical inter-organisational R&D projects. Journal of Cleaner Production, 2014, 70, 97-104.	4.6	42
68	Methodological issues in life cycle assessment of mixed-culture polyhydroxyalkanoate production utilising waste as feedstock. New Biotechnology, 2014, 31, 383-393.	2.4	39
69	Municipal gravity sewers: An unrecognised source of nitrous oxide. Science of the Total Environment, 2014, 468-469, 211-218.	3.9	36
70	A hybrid life cycle assessment of water treatment chemicals: an Australian experience. International Journal of Life Cycle Assessment, 2013, 18, 1291-1301.	2.2	42
71	Environmental assessment of air to water machinesâ€"triangulation to manage scope uncertainty. International Journal of Life Cycle Assessment, 2013, 18, 1149-1157.	2.2	37
72	Review of methods addressing freshwater use in life cycle inventory and impact assessment. International Journal of Life Cycle Assessment, 2013, 18, 707-721.	2.2	268

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73	Moving down the cause-effect chain of water and land use impacts: An LCA case study of textile fibres. Resources, Conservation and Recycling, 2013, 73, 104-113.	5.3	42
74	Occurrence of ectoparasiticides in Australian beef cattle feedlot wastes. Environmental Pollution, 2013, 174, 265-272.	3.7	9
75	Marine nitrous oxide emissions: An unknown liability for the international water sector. Environmental Science and Policy, 2013, 33, 209-221.	2.4	5
76	Aggregating sustainability indicators: Beyond the weighted sum. Journal of Environmental Management, 2012, 111, 24-33.	3.8	171
77	Managing Adaptation of Urban Water Systems in a Changing Climate. Water Resources Management, 2012, 26, 1953-1981.	1.9	41
78	A streamlined sustainability assessment tool for improved decision making in the urban water industry. Integrated Environmental Assessment and Management, 2012, 8, 183-193.	1.6	48
79	Integrating Sustainability Considerations into Product Development: A Practical Tool for Prioritising Social Sustainability Indicators and Experiences from Real Case Application. , 2011, , 3-14.		7
80	How City Dwellers Affect Their Resource Hinterland. Journal of Industrial Ecology, 2010, 14, 73-90.	2.8	172
81	Accounting for water use in Australian red meat production. International Journal of Life Cycle Assessment, 2010, 15, 311-320.	2.2	73
82	Red Meat Production in Australia: Life Cycle Assessment and Comparison with Overseas Studies. Environmental Science & Technology, 2010, 44, 1327-1332.	4.6	182
83	Monitoring bacterial indicators and pathogens in cattle feedlot waste by real-time PCR. Water Research, 2010, 44, 1381-1388.	5.3	19
84	A hybrid life cycle assessment model for comparison with conventional methodologies in Australia. International Journal of Life Cycle Assessment, 2009, 14, 508-516.	2.2	62
85	Popularize or publish? Growth in Australia. International Journal of Life Cycle Assessment, 2009, 14, 503-507.	2.2	22
86	Environmental Comparison of Biosolids Management Systems Using Life Cycle Assessment. Environmental Science & Technology, 2009, 43, 2674-2679.	4.6	98
87	Chemical contaminants in feedlot wastes: Concentrations, effects and attenuation. Environment International, 2008, 34, 839-859.	4.8	81
88	Towards a deeper and broader ecological footprint. Proceedings of the Institution of Civil Engineers: Engineering Sustainability, 2008, 161, 31-37.	0.4	6
89	Life cycle assessment of food waste management options. Journal of Cleaner Production, 2005, 13, 275-286.	4.6	240
90	Quantitative systems analysis as a strategic planning approach for metropolitan water service providers. Water Science and Technology, 2005, 52, 11-20.	1.2	30

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91	Life Cycle Assessment for Sustainable Metropolitan Water Systems Planning. Environmental Science & Technology, 2004, 38, 3465-3473.	4.6	291
92	Life-Cycle Assessment of Biosolids Processing Options. Journal of Industrial Ecology, 2001, 5, 103-121.	2.8	26
93	Selenium in sediments, pore waters and benthic infauna of Lake Macquarie, New South Wales, Australia. Marine Environmental Research, 1999, 47, 491-508.	1.1	66
94	Selenium contamination, redistribution and remobilisation in sediments of Lake Macquarie, NSW. Organic Geochemistry, 1999, 30, 1287-1300.	0.9	46
95	An integrated investigation of anthropogenic selenium contamination in Lake Macquarie, NSW. Pure and Applied Chemistry, 1997, 69, 2387-2402.	0.9	5
96	Selenium Associations in Estuarine Sediments: Redox Effects. Water, Air, and Soil Pollution, 1997, 99, 275-282.	1.1	0
97	Selenium associations in estuarine sediments: Redox effects. Water, Air, and Soil Pollution, 1997, 99, 275-282.	1.1	12
98	Routledge Handbook of Sustainability and Fashion. , 0, , .		26