

# Christopher L Weber

## List of Publications by Year in descending order

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44  
papers

6,857  
citations

304368  
22  
h-index

360668  
35  
g-index

44  
all docs

44  
docs citations

44  
times ranked

5307  
citing authors

#	ARTICLE	IF	CITATIONS
1	Planning for Change: Conservation-Related Impacts of Climate Overshoot. <i>BioScience</i> , 2020, 70, 115-118.	2.2	9
2	Natural climate solutions are not enough. <i>Science</i> , 2019, 363, 933-934.	6.0	104
3	A research roadmap for quantifying non-state and subnational climate mitigation action. <i>Nature Climate Change</i> , 2019, 9, 11-17.	8.1	121
4	Mitigation scenarios must cater to new users. <i>Nature Climate Change</i> , 2018, 8, 845-848.	8.1	27
5	Life Cycle Carbon Footprint of Shale Gas: Review of Evidence and Implications. <i>Environmental Science &amp; Technology</i> , 2012, 46, 5688-5695.	4.6	213
6	Uncertainty and Variability in Product Carbon Footprinting. <i>Journal of Industrial Ecology</i> , 2012, 16, 203-211.	2.8	19
7	Environmental assessment of information technology products using a triage approach. , 2011, , .		0
8	Comment on "Comparative Assessment of Life Cycle Assessment Methods Used for Personal Computers" <i>Environmental Science &amp; Technology</i> , 2011, 45, 7096-7097.	4.6	4
9	A "Carbonizing Dragon" China's Fast Growing CO <sub>2</sub> Emissions Revisited. <i>Environmental Science &amp; Technology</i> , 2011, 45, 9144-9153.	4.6	295
10	Inventory Development and Input-Output Model of U.S. Land Use: Relating Land in Production to Consumption. <i>Environmental Science &amp; Technology</i> , 2011, 45, 4937-4943.	4.6	37
11	Growth in emission transfers via international trade from 1990 to 2008. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 8903-8908.	3.3	1,164
12	Modal freight transport required for production of US goods and services. <i>Transportation Research, Part E: Logistics and Transportation Review</i> , 2011, 47, 474-489.	3.7	12
13	Costs of Automobile Air Emissions in U.S. Metropolitan Areas. <i>Transportation Research Record</i> , 2011, 2233, 120-127.	1.0	21
14	International flows of embodied CO <sub>2</sub> with an application to aluminium and the EU ETS. <i>Climate Policy</i> , 2011, 11, 1226-1245.	2.6	18
15	Scrap the carbon tariff. <i>Nature Climate Change</i> , 2010, 1, 10-11.	8.1	7
16	The Energy and Climate Change Implications of Different Music Delivery Methods. <i>Journal of Industrial Ecology</i> , 2010, 14, 754-769.	2.8	96
17	Data and methodological needs to assess uncertainty in the carbon footprint of ICT products. , 2010, , .		2
18	Effects of China's Economic Growth. <i>Science</i> , 2010, 328, 824-825.	6.0	22

#	ARTICLE	IF	CITATIONS
19	Life Cycle Assessment and Grid Electricity: What Do We Know and What Can We Know?. Environmental Science & Technology, 2010, 44, 1895-1901.	4.6	146
20	Primary and Embedded Steel Imports to the U.S.: Implications for the Design of Border Tax Adjustments. Environmental Science & Technology, 2010, 44, 6563-6569.	4.6	14
21	Modal freight transport required for US goods and services production. , 2010, , .		0
22	Energy and environmental impacts of consumer purchases: A case study on grocery purchases. , 2010, , .		0
23	THE ROLE OF INPUT-OUTPUT ANALYSIS FOR THE SCREENING OF CORPORATE CARBON FOOTPRINTS. Economic Systems Research, 2009, 21, 217-242.	1.2	152
24	Measuring structural change and energy use: Decomposition of the US economy from 1997 to 2002. Energy Policy, 2009, 37, 1561-1570.	4.2	126
25	Hybrid Framework for Managing Uncertainty in Life Cycle Inventories. Journal of Industrial Ecology, 2009, 13, 928-944.	2.8	143
26	Climate change policy and international trade: Policy considerations in the US. Energy Policy, 2009, 37, 432-440.	4.2	102
27	Design issues in a mandatory greenhouse gas emissions registry for the United States. Energy Policy, 2009, 37, 3463-3466.	4.2	6
28	Response to Comment on "Food-Miles and the Relative Climate Impacts of Food Choices in the United States". Environmental Science & Technology, 2009, 43, 3984-3984.	4.6	5
29	Categorization of Scope 3 Emissions for Streamlined Enterprise Carbon Footprinting. Environmental Science & Technology, 2009, 43, 8509-8515.	4.6	193
30	Carbon footprinting upstream supply chain for electronics manufacturing and computer services. , 2009, , .		18
31	Energy consumption in the production of high-brightness light-emitting diodes. , 2009, , .		7
32	Uncertainty and variability in accounting for grid electricity in life cycle assessment. , 2009, , .		3
33	Journey to world top emitter: An analysis of the driving forces of China's recent CO <sub>2</sub> emissions surge. Geophysical Research Letters, 2009, 36, .	1.5	317
34	Life cycle comparison of traditional retail and e-commerce logistics for electronic products: A case study of buy.com. , 2009, , .		28
35	The contribution of Chinese exports to climate change. Energy Policy, 2008, 36, 3572-3577.	4.2	505
36	International trade and climate. Nature Geoscience, 2008, 1, 484-484.	5.4	0

#	ARTICLE	IF	CITATIONS
37	Quantifying the global and distributional aspects of American household carbon footprint. <i>Ecological Economics</i> , 2008, 66, 379-391.	2.9	430
38	The Importance of Carbon Footprint Estimation Boundaries. <i>Environmental Science &amp; Technology</i> , 2008, 42, 5839-5842.	4.6	394
39	Food-Miles and the Relative Climate Impacts of Food Choices in the United States. <i>Environmental Science &amp; Technology</i> , 2008, 42, 3508-3513.	4.6	830
40	The drivers of Chinese CO <sub>2</sub> emissions from 1980 to 2030. <i>Global Environmental Change</i> , 2008, 18, 626-634.	3.6	523
41	Carbon Emissions Embodied in Importation, Transport and Retail of Electronics in the U.S.: A Growing Global Issue. <i>Electronics and the Environment, IEEE International Symposium on</i> , 2007, , .	0.0	7
42	China's Growing CO <sub>2</sub> Emissions A Race between Increasing Consumption and Efficiency Gains. <i>Environmental Science &amp; Technology</i> , 2007, 41, 5939-5944.	4.6	489
43	Embodied Environmental Emissions in U.S. International Trade, 1997~2004. <i>Environmental Science &amp; Technology</i> , 2007, 41, 4875-4881.	4.6	229
44	A Stochastic Regression Approach to Analyzing Thermodynamic Uncertainty in Chemical Speciation Modeling. <i>Environmental Science &amp; Technology</i> , 2006, 40, 3872-3878.	4.6	19