

Jan Weinzettel

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

2,666
citations

361045

20
h-index

476904

29
g-index

31
all docs

31
docs citations

31
times ranked

2589
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Affluence drives the global displacement of land use. <i>Global Environmental Change</i> , 2013, 23, 433-438. | 3.6 | 483 |
| 2 | Carbon, Land, and Water Footprint Accounts for the European Union: Consumption, Production, and Displacements through International Trade. <i>Environmental Science & Technology</i> , 2012, 46, 10883-10891. | 4.6 | 350 |
| 3 | Global Sustainability Accounting—Developing EXIOBASE for Multi-Regional Footprint Analysis. <i>Sustainability</i> , 2015, 7, 138-163. | 1.6 | 321 |
| 4 | Integrating ecological and water footprint accounting in a multi-regional input–output framework. <i>Ecological Indicators</i> , 2012, 23, 1-8. | 2.6 | 229 |
| 5 | Life cycle assessment of a floating offshore wind turbine. <i>Renewable Energy</i> , 2009, 34, 742-747. | 4.3 | 176 |
| 6 | Understanding the LCA and ISO water footprint: A response to Hoekstra (2016) –A critique on the water-scarcity weighted water footprint in LCA— <i>Ecological Indicators</i> , 2017, 72, 352-359. | 2.6 | 158 |
| 7 | Ecological footprint of nations: Comparison of process analysis, and standard and hybrid multi-regional input–output analysis. <i>Ecological Economics</i> , 2014, 101, 115-126. | 2.9 | 112 |
| 8 | Low carbon cities in 2050? GHG emissions of European cities using production-based and consumption-based emission accounting methods. <i>Journal of Cleaner Production</i> , 2020, 248, 119206. | 4.6 | 107 |
| 9 | Raw Material Consumption of the European Union – Concept, Calculation Method, and Results. <i>Environmental Science & Technology</i> , 2012, 46, 8903-8909. | 4.6 | 103 |
| 10 | A Footprint Family extended MRIO model to support Europe's transition to a One Planet Economy. <i>Science of the Total Environment</i> , 2013, 461-462, 813-818. | 3.9 | 91 |
| 11 | Estimating Raw Material Equivalents on a Macro-Level: Comparison of Multi-Regional Input–Output Analysis and Hybrid LCI-IO. <i>Environmental Science & Technology</i> , 2013, 47, 14282-14289. | 4.6 | 60 |
| 12 | A method to assess the relevance of sustainability indicators: Application to the indicator set of the Czech Republic's Sustainable Development Strategy. <i>Ecological Indicators</i> , 2012, 17, 46-57. | 2.6 | 59 |
| 13 | Structural Decomposition Analysis of Raw Material Consumption. <i>Journal of Industrial Ecology</i> , 2011, 15, 893-907. | 2.8 | 56 |
| 14 | The importance of raw material equivalents in economy-wide material flow accounting and its policy dimension. <i>Environmental Science and Policy</i> , 2013, 29, 71-80. | 2.4 | 46 |
| 15 | Human footprint in biodiversity hotspots. <i>Frontiers in Ecology and the Environment</i> , 2018, 16, 447-452. | 1.9 | 46 |
| 16 | International trade of global scarce water use in agriculture: Modeling on watershed level with monthly resolution. <i>Ecological Economics</i> , 2019, 159, 301-311. | 2.9 | 40 |
| 17 | Assessing Socioeconomic Metabolism Through Hybrid Life Cycle Assessment. <i>Journal of Industrial Ecology</i> , 2009, 13, 607-621. | 2.8 | 38 |
| 18 | Environmental Footprints of Agriculture Embodied in International Trade: Sensitivity of Harvested Area Footprint of Chinese Exports. <i>Ecological Economics</i> , 2018, 145, 323-330. | 2.9 | 34 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Environmental Impact of Consumption by Czech Households: Hybrid Input-Output Analysis Linked to Household Consumption Data. <i>Ecological Economics</i> , 2018, 149, 62-73. | 2.9 | 28 |
| 20 | Potential net primary production footprint of agriculture: A global trade analysis. <i>Journal of Industrial Ecology</i> , 2019, 23, 1133-1142. | 2.8 | 26 |
| 21 | Analysis of regional material flows: The case of the Czech Republic. <i>Resources, Conservation and Recycling</i> , 2009, 53, 243-254. | 5.3 | 20 |
| 22 | A consumption-based indicator of the external costs of electricity. <i>Ecological Indicators</i> , 2012, 17, 68-76. | 2.6 | 18 |
| 23 | Material Flow Indicators in the Czech Republic in Light of the Accession to the European Union. <i>Journal of Industrial Ecology</i> , 2010, 14, 650-665. | 2.8 | 17 |
| 24 | Understanding Who is Responsible for Pollution: What Only the Market can Tell Us? Comment on "An Ecological Economic Critique of the Use of Market Information in Life Cycle Assessment Research". <i>Journal of Industrial Ecology</i> , 2012, 16, 455-456. | 2.8 | 16 |
| 25 | Appropriation of potential net primary production by cropland in terrestrial ecoregions. <i>Journal of Cleaner Production</i> , 2017, 150, 294-300. | 4.6 | 11 |
| 26 | Implications of Low Carbon City Sustainability Strategies for 2050. <i>Sustainability</i> , 2020, 12, 5417. | 1.6 | 8 |
| 27 | Economy-wide Material Flow Indicators on a Sectoral Level and Strategies for Decreasing Material Inputs of Sectors. <i>Journal of Industrial Ecology</i> , 2017, 21, 26-37. | 2.8 | 7 |
| 28 | What Makes the Difference in Raw Material Equivalent Calculation Through Environmentally Extended Input-Output Analysis?. <i>Ecological Economics</i> , 2018, 149, 80-87. | 2.9 | 4 |
| 29 | Aggregation error of the material footprint: the case of the EU. <i>Economic Systems Research</i> , 0, , 1-23. | 1.2 | 1 |
| 30 | The role of allocation of retail trade margins across household segments on their carbon footprint calculation. <i>Economic Systems Research</i> , 2020, , 1-14. | 1.2 | 0 |