

Zoran J N Steinmann

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1728208/publications.pdf>

Version: 2024-02-01

24
papers

2,641
citations

567144

15
h-index

610775

24
g-index

24
all docs

24
docs citations

24
times ranked

2985
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | ReCiPe2016: a harmonised life cycle impact assessment method at midpoint and endpoint level. <i>International Journal of Life Cycle Assessment</i> , 2017, 22, 138-147. | 2.2 | 1,905 |
| 2 | How Many Environmental Impact Indicators Are Needed in the Evaluation of Product Life Cycles?. <i>Environmental Science & Technology</i> , 2016, 50, 3913-3919. | 4.6 | 95 |
| 3 | LC-IMPACT: A regionalized life cycle damage assessment method. <i>Journal of Industrial Ecology</i> , 2020, 24, 1201-1219. | 2.8 | 80 |
| 4 | Contrasting changes in the abundance and diversity of North American bird assemblages from 1971 to 2010. <i>Global Change Biology</i> , 2016, 22, 3948-3959. | 4.2 | 79 |
| 5 | Life cycle carbon efficiency of Direct Air Capture systems with strong hydroxide sorbents. <i>International Journal of Greenhouse Gas Control</i> , 2019, 80, 25-31. | 2.3 | 75 |
| 6 | Resource Footprints are Good Proxies of Environmental Damage. <i>Environmental Science & Technology</i> , 2017, 51, 6360-6366. | 4.6 | 57 |
| 7 | A methodology for separating uncertainty and variability in the life cycle greenhouse gas emissions of coal-fueled power generation in the USA. <i>International Journal of Life Cycle Assessment</i> , 2014, 19, 1146-1155. | 2.2 | 43 |
| 8 | How to define the quality of materials in a circular economy?. <i>Resources, Conservation and Recycling</i> , 2019, 141, 362-363. | 5.3 | 40 |
| 9 | Comparative Greenhouse Gas Footprinting of Online versus Traditional Shopping for Fast-Moving Consumer Goods: A Stochastic Approach. <i>Environmental Science & Technology</i> , 2020, 54, 3499-3509. | 4.6 | 38 |
| 10 | How To Address Data Gaps in Life Cycle Inventories: A Case Study on Estimating CO ₂ Emissions from Coal-Fired Electricity Plants on a Global Scale. <i>Environmental Science & Technology</i> , 2014, 48, 5282-5289. | 4.6 | 28 |
| 11 | Consumption-based biodiversity footprints – Do different indicators yield different results?. <i>Ecological Indicators</i> , 2019, 103, 461-470. | 2.6 | 25 |
| 12 | Global relative species loss due to first-generation biofuel production for the transport sector. <i>GCB Bioenergy</i> , 2019, 11, 763-772. | 2.5 | 24 |
| 13 | Headline Environmental Indicators Revisited with the Global Multi-Regional Input-Output Database EXIOBASE. <i>Journal of Industrial Ecology</i> , 2018, 22, 565-573. | 2.8 | 23 |
| 14 | Space, Time, and Size Dependencies of Greenhouse Gas Payback Times of Wind Turbines in Northwestern Europe. <i>Environmental Science & Technology</i> , 2019, 53, 9289-9297. | 4.6 | 22 |
| 15 | Quantifying drivers of variability in life cycle greenhouse gas emissions of consumer products – a case study on laundry washing in Europe. <i>International Journal of Life Cycle Assessment</i> , 2018, 23, 1940-1949. | 2.2 | 21 |
| 16 | Global implications of crop-based bioenergy with carbon capture and storage for terrestrial vertebrate biodiversity. <i>GCB Bioenergy</i> , 2022, 14, 307-321. | 2.5 | 18 |
| 17 | Potential Carbon Footprint Reduction for Reclaimed Asphalt Pavement Innovations: LCA Methodology, Best Available Technology, and Near-Future Reduction Potential. <i>Sustainability</i> , 2021, 13, 1382. | 1.6 | 16 |
| 18 | Elucidating differences in metal absorption efficiencies between terrestrial soft-bodied and aquatic species. <i>Chemosphere</i> , 2014, 112, 487-495. | 4.2 | 15 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The influence of consumer behavior on energy, greenhouse gas, and water footprints of showering. <i>Journal of Industrial Ecology</i> , 2019, 23, 1186-1195. | 2.8 | 13 |
| 20 | Identifying regional drivers of future land-based biodiversity footprints. <i>Global Environmental Change</i> , 2021, 69, 102304. | 3.6 | 10 |
| 21 | Future European shale gas life-cycle GHG emissions for electric power generation in comparison to other fossil fuels. <i>Carbon Management</i> , 2019, 10, 163-174. | 1.2 | 5 |
| 22 | Estimating the Greenhouse Gas Balance of Individual Gas-Fired and Oil-Fired Electricity Plants on a Global Scale. <i>Journal of Industrial Ecology</i> , 2017, 21, 127-135. | 2.8 | 3 |
| 23 | Response to Comment on "Resource Footprints are Good Proxies of Environmental Damage". <i>Environmental Science & Technology</i> , 2017, 51, 13056-13057. | 4.6 | 3 |
| 24 | The importance of biogenic carbon storage in the greenhouse gas footprint of medium density fiberboard from poplar wood and bagasse. <i>Cleaner Environmental Systems</i> , 2021, 3, 100066. | 2.2 | 3 |