

Lien Poelmans

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

905
citations

840776

11
h-index

1058476

14
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14
docs citations

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times ranked

1253
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Modelling urban sprawl and assessing its costs in the planning process: A case study in Flanders, Belgium. <i>Land Use Policy</i> , 2022, 113, 105902. | 5.6 | 20 |
| 2 | Land Consumption and Land Take: Enhancing Conceptual Clarity for Evaluating Spatial Governance in the EU Context. <i>Sustainability</i> , 2020, 12, 8269. | 3.2 | 46 |
| 3 | The impact of urbanization on agricultural dynamics: a case study in Belgium. <i>Journal of Land Use Science</i> , 2020, 15, 626-643. | 2.2 | 49 |
| 4 | Downdating high-resolution population density maps using sealed surface cover time series. <i>Landscape and Urban Planning</i> , 2017, 160, 96-106. | 7.5 | 8 |
| 5 | Quantification of the potential impact of nature conservation on ecosystem services supply in the Flemish Region: A cascade modelling approach. <i>Ecosystem Services</i> , 2017, 24, 124-137. | 5.4 | 11 |
| 6 | Heat stress increase under climate change twice as large in cities as in rural areas: A study for a densely populated midlatitude maritime region. <i>Geophysical Research Letters</i> , 2017, 44, 8997-9007. | 4.0 | 125 |
| 7 | Projecting alternative urban growth patterns: The development and application of a remote sensing assisted calibration framework for the Greater Dublin Area. <i>Ecological Indicators</i> , 2016, 60, 1056-1069. | 6.3 | 23 |
| 8 | A travel time-based variable grid approach for an activity-based cellular automata model. <i>International Journal of Geographical Information Science</i> , 2015, 29, 1757-1781. | 4.8 | 10 |
| 9 | A System-based Paradigm of Drought Analysis for Operational Management. <i>Water Resources Management</i> , 2013, 27, 5281-5297. | 3.9 | 112 |
| 10 | The relative impact of climate change and urban expansion on peak flows: a case study in central Belgium. <i>Hydrological Processes</i> , 2011, 25, 2846-2858. | 2.6 | 51 |
| 11 | Complexity and performance of urban expansion models. <i>Computers, Environment and Urban Systems</i> , 2010, 34, 17-27. | 7.1 | 169 |
| 12 | Coupling urban expansion models and hydrological models: How important are spatial patterns?. <i>Land Use Policy</i> , 2010, 27, 965-975. | 5.6 | 52 |
| 13 | Detecting and modelling spatial patterns of urban sprawl in highly fragmented areas: A case study in the Flandersâ€“Brussels region. <i>Landscape and Urban Planning</i> , 2009, 93, 10-19. | 7.5 | 206 |
| 14 | Predicting land cover changes and their impact on the sediment influx in the Lake Balaton catchment. <i>Landscape Ecology</i> , 2008, 23, 645-656. | 4.2 | 23 |