

Oliver Schmitz

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

1,057
citations

567144

15
h-index

642610

23
g-index

31
all docs

31
docs citations

31
times ranked

1781
citing authors

#	ARTICLE	IF	CITATIONS
1	Associations between the fast-food environment and diabetes prevalence in the Netherlands: a cross-sectional study. <i>Lancet Planetary Health</i> , The, 2022, 6, e29-e39.	5.1	11
2	A comparison of associations with childhood lung function between air pollution exposure assessment methods with and without accounting for time-activity patterns. <i>Environmental Research</i> , 2021, 202, 111710.	3.7	5
3	External validation for statistical NO ₂ modelling: A study case using a high-end mobile sensing instrument. <i>Atmospheric Pollution Research</i> , 2021, 12, 101205.	1.8	2
4	Global to regional scale evaluation of adaptation measures to reduce the future water gap. <i>Environmental Modelling and Software</i> , 2020, 124, 104578.	1.9	13
5	Land use regression models revealing spatiotemporal co-variation in NO ₂ , NO, and O ₃ in the Netherlands. <i>Atmospheric Environment</i> , 2020, 223, 117238.	1.9	18
6	Evaluation of different methods and data sources to optimise modelling of NO ₂ at a global scale. <i>Environment International</i> , 2020, 142, 105856.	4.8	17
7	Obfuscating spatial point tracks with simulated crowding. <i>International Journal of Geographical Information Science</i> , 2020, 34, 1398-1427.	2.2	5
8	Thermal unmixing based downscaling for fine resolution diurnal land surface temperature analysis. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 161, 76-89.	4.9	24
9	Activity-based air pollution exposure assessment: Differences between homemakers and cycling commuters. <i>Health and Place</i> , 2019, 60, 102233.	1.5	15
10	Relations between air pollution and vascular development in 5-year old children: a cross-sectional study in the Netherlands. <i>Environmental Health</i> , 2019, 18, 50.	1.7	21
11	High resolution annual average air pollution concentration maps for the Netherlands. <i>Scientific Data</i> , 2019, 6, 190035.	2.4	29
12	Relations between the residential fast-food environment and the individual risk of cardiovascular diseases in The Netherlands: A nationwide follow-up study. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1397-1405.	0.8	38
13	PCR-GLOBWB ² : a 5-arcmin global hydrological and water resources model. <i>Geoscientific Model Development</i> , 2018, 11, 2429-2453.	1.3	307
14	Design and demonstration of a data model to integrate agent-based and field-based modelling. <i>Environmental Modelling and Software</i> , 2017, 89, 172-189.	1.9	6
15	A global-scale two-layer transient groundwater model: Development and application to groundwater depletion. <i>Advances in Water Resources</i> , 2017, 102, 53-67.	1.7	158
16	Associations between lifestyle and air pollution exposure: Potential for confounding in large administrative data cohorts. <i>Environmental Research</i> , 2017, 156, 364-373.	3.7	39
17	Long-term exposure to particulate matter, NO ₂ and the oxidative potential of particulates and diabetes prevalence in a large national health survey. <i>Environment International</i> , 2017, 108, 228-236.	4.8	97
18	How a Pareto frontier complements scenario projections in land use change impact assessment. <i>Environmental Modelling and Software</i> , 2017, 97, 287-302.	1.9	19

#	ARTICLE	IF	CITATIONS
19	A software framework for process flow execution of stochastic multi-scale integrated models. <i>Ecological Informatics</i> , 2016, 32, 124-133.	2.3	4
20	A framework to resolve spatio-temporal misalignment in component-based modelling. <i>Journal of Hydroinformatics</i> , 2014, 16, 850-871.	1.1	3
21	Map algebra and model algebra for integrated model building. <i>Environmental Modelling and Software</i> , 2013, 48, 113-128.	1.9	22
22	A software framework for construction of process-based stochastic spatio-temporal models and data assimilation. <i>Environmental Modelling and Software</i> , 2010, 25, 489-502.	1.9	146
23	Linking external components to a spatio-temporal modelling framework: Coupling MODFLOW and PCRaster. <i>Environmental Modelling and Software</i> , 2009, 24, 1088-1099.	1.9	48