Oliver Schmitz

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2630849/publications.pdf

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23	1,057	567144 15	642610 23
papers	citations	h-index	g-index

31	31	31	1781
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	PCR-GLOBWBÂ2: a 5â€‰arcmin global hydrological and water resources model. Geoscientific Model Development, 2018, 11, 2429-2453.	1.3	307
2	A global-scale two-layer transient groundwater model: Development and application to groundwater depletion. Advances in Water Resources, 2017, 102, 53-67.	1.7	158
3	A software framework for construction of process-based stochastic spatio-temporal models and data assimilation. Environmental Modelling and Software, 2010, 25, 489-502.	1.9	146
4	Long-term exposure to particulate matter, NO2 and the oxidative potential of particulates and diabetes prevalence in a large national health survey. Environment International, 2017, 108, 228-236.	4.8	97
5	Linking external components to a spatio-temporal modelling framework: Coupling MODFLOW and PCRaster. Environmental Modelling and Software, 2009, 24, 1088-1099.	1.9	48
6	Associations between lifestyle and air pollution exposure: Potential for confounding in large administrative data cohorts. Environmental Research, 2017, 156, 364-373.	3.7	39
7	Relations between the residential fast-food environment and the individual risk of cardiovascular diseases in The Netherlands: A nationwide follow-up study. European Journal of Preventive Cardiology, 2018, 25, 1397-1405.	0.8	38
8	High resolution annual average air pollution concentration maps for the Netherlands. Scientific Data, 2019, 6, 190035.	2.4	29
9	Thermal unmixing based downscaling for fine resolution diurnal land surface temperature analysis. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 161, 76-89.	4.9	24
10	Map algebra and model algebra for integrated model building. Environmental Modelling and Software, 2013, 48, 113-128.	1.9	22
11	Relations between air pollution and vascular development in 5-year old children: a cross-sectional study in the Netherlands. Environmental Health, 2019, 18, 50.	1.7	21
12	How a Pareto frontier complements scenario projections in land use change impact assessment. Environmental Modelling and Software, 2017, 97, 287-302.	1.9	19
13	Land use regression models revealing spatiotemporal co-variation in NO2, NO, and O3 in the Netherlands. Atmospheric Environment, 2020, 223, 117238.	1.9	18
14	Evaluation of different methods and data sources to optimise modelling of NO2 at a global scale. Environment International, 2020, 142, 105856.	4.8	17
15	Activity-based air pollution exposure assessment: Differences between homemakers and cycling commuters. Health and Place, 2019, 60, 102233.	1.5	15
16	Global to regional scale evaluation of adaptation measures to reduce the future water gap. Environmental Modelling and Software, 2020, 124, 104578.	1.9	13
17	Associations between the fast-food environment and diabetes prevalence in the Netherlands: a cross-sectional study. Lancet Planetary Health, The, 2022, 6, e29-e39.	5.1	11
18	Design and demonstration of a data model to integrate agent-based and field-based modelling. Environmental Modelling and Software, 2017, 89, 172-189.	1.9	6

#	Article	IF	Citations
19	Obfuscating spatial point tracks with simulated crowding. International Journal of Geographical Information Science, 2020, 34, 1398-1427.	2.2	5
20	A comparison of associations with childhood lung function between air pollution exposure assessment methods with and without accounting for time-activity patterns. Environmental Research, 2021, 202, 111710.	3.7	5
21	A software framework for process flow execution of stochastic multi-scale integrated models. Ecological Informatics, 2016, 32, 124-133.	2.3	4
22	A framework to resolve spatio-temporal misalignment in component-based modelling. Journal of Hydroinformatics, 2014, 16, 850-871.	1.1	3
23	External validation for statistical NO2 modelling: A study case using a high-end mobile sensing instrument. Atmospheric Pollution Research, 2021, 12, 101205.	1.8	2