# Roman Nuterman

List of Publications by Year
in descending order

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|---|---|---|---|
| 17 papers | 272 citations | 1040056 <br> 9 h-index | 940533 <br> 16 g-index |
| 30 all docs | 30 docs citations | 30 times ranked | 643 citing authors |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 1 | A multi-model study of impacts of climate change on surface ozone in Europe. Atmospheric Chemistry and Physics, 2012, 12, 10423-10440. | 4.9 | 113 |
| 2 | Enviro-HIRLAM online integrated meteorology–chemistry modelling system: strategy, methodology, developments and applications (v7.2). Geoscientific Model Development, 2017, 10, 2971-2999. | 3.6 | 25 |
| 3 | The effect of a Holocene climatic optimum on the evolution of the Greenland ice sheet during the last 10 kyr. Journal of Glaciology, 2018, 64, 477-488. | 2.2 | 15 |
| 4 | Impact of city expansion and increased heat fluxes scenarios on the urban boundary layer of Bilbao using Enviro-HIRLAM. Urban Climate, 2014, 10, 831-845. | 5.7 | 13 |
| 5 | Parameterized and resolved Southern Ocean eddy compensation. Ocean Modelling, 2018, 124, 1-15. | 2.4 | 13 |
| 6 | Two‐Timescale Carbon Cycle Response to an AMOC Collapse. Paleoceanography and Paleoclimatology, 2019, 34, 511-523. | 2.9 | 13 |
| 7 | Pliocene–Pleistocene megafloods as a mechanism for Greenlandic megacanyon formation. Geology, 2020, 48, 737-741. | 4.4 | 12 |
| 8 | Veros v0.1 – a fast and versatile ocean simulator in pure Python. Geoscientific Model Development, 2018, 11, 3299-3312. | 3.6 | 11 |
| 9 | A Geometric Interpretation of Southern Ocean Eddy Form Stress. Journal of Physical Oceanography, 2019, 49, 2553-2570. | 1.7 | 9 |
| 10 | Downscaling system for modeling of atmospheric composition on regional, urban and street scales. Atmospheric Chemistry and Physics, 2021, 21, 11099-11112. | 4.9 | 9 |
| 11 | Numerical model of urban aerodynamics and pollution dispersion. International Journal of Environment and Pollution, 2011, 44, 385. | 0.2 | 8 |
| 12 | Fast, Cheap, and Turbulent—Global Ocean Modeling With GPU Acceleration in Python. Journal of Advances in Modeling Earth Systems, 2021, 13, e2021MS002717. | 3.8 | 8 |
| 13 | Urban boundary layer analysis in the complex coastal terrain of Bilbao using Enviro-HIRLAM. Theoretical and Applied Climatology, 2013, 113, 511-527. | 2.8 | 7 |
| 14 | An energetically consistent vertical mixing parameterization in CCSM4. Ocean Modelling, 2018, 127, 46-54. | 2.4 | 6 |
| 15 | A First Intercomparison of the Simulated LGM Carbon Results Within PMIP–Carbon: Role of the Ocean Boundary Conditions. Paleoceanography and Paleoclimatology, 2021, 36, e2021PA004302. | 2.9 | 5 |
| 16 | Pliocene–Pleistocene megafloods as a mechanism for Greenlandic megacanyon formation: REPLY. Geology, 2020, 48, e512-e512. | 4.4 | 1 |
| 17 | ONLINE INTEGRATED MODELING ON REGIONAL SCALE IN NORTH-WEST RUSSIA: EVALUATION OF AEROSOLS INFLUENCE ON METEOROLOGICAL PARAMETERS. Geography, Environment, Sustainability, 2018, 11, 73-83. | 1.3 | 0 |