# christian Siderius

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3449701/publications.pdf

Version: 2024-02-01

| 26 | 865 | 567281 | 580821 |
|---|---|---|---|
| papers | citations | 15 | 25 |
| | | h-index | g-index |

| 30 | 30 | 30 | 1265 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Importance of snow and glacier meltwater for agriculture on the Indo-Gangetic Plain. Nature Sustainability, 2019, 2, 594-601. | 23.7 | 197 |
| 2 | Adaptation to changing water resources in the Ganges basin, northern India. Environmental Science and Policy, 2011, 14, 758-769. | 4.9 | 122 |
| 3 | Snowmelt contributions to discharge of the Ganges. Science of the Total Environment, 2013, 468-469, S93-S101. | 8.0 | 86 |
| 4 | Patterns of outdoor exposure to heat in three South Asian cities. Science of the Total Environment, 2019, 674, 264-278. | 8.0 | 48 |
| 5 | Hydrological Response and Complex Impact Pathways of the 2015/2016 El NiÃ±o in Eastern and Southern Africa. Earth's Future, 2018, 6, 2-22. | 6.3 | 46 |
| 6 | Crop-specific seasonal estimates of irrigation-water demand in South Asia. Hydrology and Earth System Sciences, 2016, 20, 1971-1982. | 4.9 | 40 |
| 7 | South Asian agriculture increasingly dependent on meltwater and groundwater. Nature Climate Change, 2022, 12, 566-573. | 18.8 | 38 |
| 8 | Business experience of floods and drought-related water and electricity supply disruption in three cities in sub-Saharan Africa during the 2015/2016 El NiÃ±o. Global Sustainability, 2018, 1, . | 3.3 | 35 |
| 9 | The role of rainfed agriculture in securing food production in the Nile Basin. Environmental Science and Policy, 2016, 61, 14-23. | 4.9 | 30 |
| 10 | Assessing River Basin Development Given Waterâ€Energyâ€Foodâ€Environment Interdependencies. Earth's Future, 2020, 8, e2019EF001464. | 6.3 | 30 |
| 11 | Climate variability affects water-energy-food infrastructure performance in East Africa. One Earth, 2021, 4, 397-410. | 6.8 | 23 |
| 12 | Flexible Strategies for Coping with Rainfall Variability: Seasonal Adjustments in Cropped Area in the Ganges Basin. PLoS ONE, 2016, 11, e0149397. | 2.5 | 21 |
| 13 | Climate-smart tank irrigation: A multi-year analysis of improved conjunctive water use under high rainfall variability. Agricultural Water Management, 2015, 148, 52-62. | 5.6 | 19 |
| 14 | Multi-scale analysis of the water-energy-food nexus in the Gulf region. Environmental Research Letters, 2020, 15, 094024. | 5.2 | 17 |
| 15 | Cost and effectiveness of in-season strategies for coping with weather variability in Pakistan's agriculture. Agricultural Systems, 2020, 178, 102746. | 6.1 | 16 |
| 16 | Sensitivity of the agroecosystem in the Ganges basin to inter-annual rainfall variability and associated changes in land use. International Journal of Climatology, 2014, 34, 3066-3077. | 3.5 | 14 |
| 17 | Going local: Evaluating and regionalizing a global hydrological modelâ€™s simulation of river flows in a medium-sized East African basin. Journal of Hydrology: Regional Studies, 2018, 19, 349-364. | 2.4 | 13 |
| 18 | Climate risk to agriculture: A synthesis to define different types of critical moments. Climate Risk Management, 2021, 34, 100378. | 3.2 | 11 |

| # | ARTICLE | IF | CITATIONS |
|---|---|---|---|
| 19 | Sensitivity of projected climate impacts to climate model weighting: multi-sector analysis in eastern Africa. Climatic Change, 2021, 164, 1. | 3.6 | 10 |
| 20 | Financial Feasibility of Water Conservation in Agriculture. Earth's Future, 2021, 9, e2020EF001726. | 6.3 | 10 |
| 21 | Limitations to adjusting growing periods in different agroecological zones of Pakistan. Agricultural Systems, 2021, 192, 103184. | 6.1 | 9 |
| 22 | Advances in global hydrologyâ€“crop modelling to support the UNâ€™s Sustainable Development Goals in South Asia. Current Opinion in Environmental Sustainability, 2019, 40, 108-116. | 6.3 | 8 |
| 23 | Water conservation can reduce future water-energy-food-environment trade-offs in a medium-sized African river basin. Agricultural Water Management, 2022, 266, 107548. | 5.6 | 8 |
| 24 | Indoor heat measurement data from low-income households in rural and urban South Asia. Scientific Data, 2022, 9, . | 5.3 | 6 |
| 25 | When do Indians feel hot? Internet searches indicate seasonality suppresses adaptation to heat. Environmental Research Letters, 2018, 13, 054009. | 5.2 | 4 |
| 26 | Evaluating the sensitivity of robust water resource interventions to climate change scenarios. Climate Risk Management, 2022, 37, 100442. | 3.2 | 2 |