

# Alexander Zimmermann

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7338711/publications.pdf>

Version: 2024-02-01

13  
papers

582  
citations

840776

11  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

728  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Spatial and temporal patterns of throughfall quantity and quality in a tropical montane forest in Ecuador. <i>Journal of Hydrology</i> , 2007, 343, 80-96.                               | 5.4 | 93        |
| 2  | Quantification and interpretation of suspended-sediment discharge hysteresis patterns: How much data do we need?. <i>Catena</i> , 2014, 122, 120-129.                                    | 5.0 | 90        |
| 3  | Rainfall redistribution in a tropical forest: Spatial and temporal patterns. <i>Water Resources Research</i> , 2009, 45, .   | 4.2 | 71        |
| 4  | Requirements for throughfall monitoring: The roles of temporal scale and canopy complexity. <i>Agricultural and Forest Meteorology</i> , 2014, 189-190, 125-139.                         | 4.8 | 63        |
| 5  | Sampling procedures for throughfall monitoring: A simulation study. <i>Water Resources Research</i> , 2010, 46, .  | 4.2 | 54        |
| 6  | Forests and erosion: Insights from a study of suspended-sediment dynamics in an overland flow-prone rainforest catchment. <i>Journal of Hydrology</i> , 2012, 428-429, 170-181.          | 5.4 | 53        |
| 7  | Uncovering patterns of near-surface saturated hydraulic conductivity in an overland flow-controlled landscape. <i>Geoderma</i> , 2013, 195-196, 1-11.                                    | 5.1 | 41        |
| 8  | Connectivity of overland flow by drainage network expansion in a rain forest catchment. <i>Water Resources Research</i> , 2014, 50, 1457-1473.   | 4.2 | 40        |
| 9  | Detecting spatial structures in throughfall data: The effect of extent, sample size, sampling design, and variogram estimation method. <i>Journal of Hydrology</i> , 2016, 540, 527-537. | 5.4 | 30        |
| 10 | Predictability of stemflow in a species-rich tropical forest. <i>Hydrological Processes</i> , 2015, 29, 4947-4956.   | 2.6 | 20        |
| 11 | A hydrochemical approach to quantify the role of return flow in a surface flow-dominated catchment. <i>Hydrological Processes</i> , 2017, 31, 1018-1033.                                 | 2.6 | 14        |
| 12 | Capturing heterogeneity: The role of a study area's extent for estimating mean throughfall. <i>Journal of Hydrology</i> , 2016, 542, 781-789.  | 5.4 | 9         |
| 13 | Ant mounds as a source of sediment in a tropical rainforest?. <i>Hydrological Processes</i> , 2014, 28, 4156-4160.   | 2.6 | 4         |