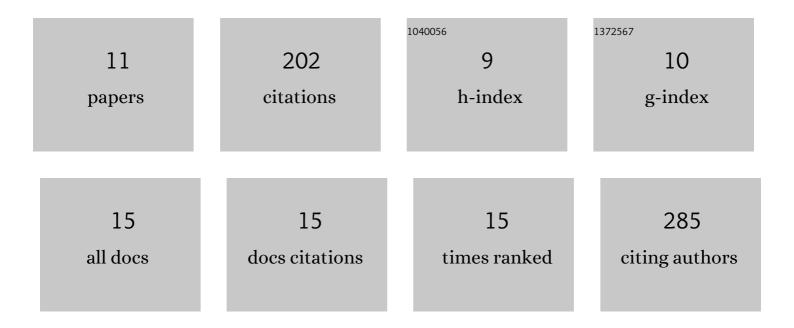
## **Stuart Mead**

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8681999/publications.pdf Version: 2024-02-01



| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Probabilistic Volcanic Hazard Assessment for National Park Infrastructure Proximal to Taranaki<br>Volcano (New Zealand). Frontiers in Earth Science, 2022, 10, .   | 1.8 | 2         |
| 2  | Editorial: Field Data, Models and Uncertainty in Hazard Assessment of Pyroclastic Density Currents and Lahars: Global Perspectives. Frontiers in Earth Science, 2021, 9, .                                 | 1.8 | 1         |
| 3  | A review of lahars; past deposits, historic events and present-day simulations from Mt. Ruapehu and<br>Mt. Taranaki, New Zealand. New Zealand Journal of Geology, and Geophysics, 2020, , 1-25.            | 1.8 | 12        |
| 4  | Hydrothermal Alteration on Composite Volcanoes: Mineralogy, Hyperspectral Imaging, and<br>Aeromagnetic Study of Mt Ruapehu, New Zealand. Geochemistry, Geophysics, Geosystems, 2020, 21,<br>e2020GC009270. | 2.5 | 22        |
| 5  | Weka Trainable Segmentation Plugin in ImageJ: A Semi-Automatic Tool Applied to Crystal Size<br>Distributions of Microlites in Volcanic Rocks. Microscopy and Microanalysis, 2018, 24, 667-675.             | 0.4 | 34        |
| 6  | Examining the impact of lahars on buildings using numerical modelling. Natural Hazards and Earth<br>System Sciences, 2017, 17, 703-719.  | 3.6 | 19        |
| 7  | Rain-triggered lahar susceptibility using a shallow landslide and surface erosion model.<br>Geomorphology, 2016, 273, 168-177.   | 2.6 | 24        |
| 8  | A scenario-based risk framework for determining consequences of different failure modes of earth<br>dams. Natural Hazards, 2015, 75, 1489-1530.  | 3.4 | 21        |
| 9  | Determining change points in data completeness for the Holocene eruption record. Bulletin of Volcanology, 2014, 76, 1.   | 3.0 | 24        |
| 10 | Prediction of industrial, biophysical and extreme geophysical flows using particle methods.<br>Engineering Computations, 2013, 30, 157-196.  | 1.4 | 30        |
| 11 | Dynamic simulation of dam-break scenarios for risk analysis and disaster management. International<br>Journal of Image and Data Fusion, 2012, 3, 333-363.  | 1.7 | 11        |