

W Tad Pfeffer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11005234/publications.pdf>

Version: 2024-02-01

29
papers

4,727
citations

361045

20
h-index

525886

27
g-index

29
all docs

29
docs citations

29
times ranked

4243
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Crossover scaling phenomena for glaciers and ice caps. <i>Journal of Glaciology</i> , 2016, 62, 299-309. | 1.1 | 2 |
| 2 | A review of volume–area scaling of glaciers. <i>Reviews of Geophysics</i> , 2015, 53, 95-140. | 9.0 | 154 |
| 3 | The Randolph Glacier Inventory: a globally complete inventory of glaciers. <i>Journal of Glaciology</i> , 2014, 60, 537-552. | 1.1 | 895 |
| 4 | Glacier volume estimation as an ill-posed inversion. <i>Journal of Glaciology</i> , 2014, 60, 922-934. | 1.1 | 19 |
| 5 | A Reconciled Estimate of Glacier Contributions to Sea Level Rise: 2003 to 2009. <i>Science</i> , 2013, 340, 852-857. | 6.0 | 1,044 |
| 6 | Challenges to Understanding the Dynamic Response of Greenland's Marine Terminating Glaciers to Oceanic and Atmospheric Forcing. <i>Bulletin of the American Meteorological Society</i> , 2013, 94, 1131-1144. | 1.7 | 126 |
| 7 | GPR profiles of partially to completely unstratified geologic formations. , 2012, , . | | 1 |
| 8 | Recent contributions of glaciers and ice caps to sea level rise. <i>Nature</i> , 2012, 482, 514-518. | 13.7 | 863 |
| 9 | Thermal tracking of meltwater retention in Greenland's accumulation area. <i>Journal of Geophysical Research</i> , 2012, 117, . | 3.3 | 114 |
| 10 | Twentieth-century Changes in the Thickness and Extent of Arapaho Glacier, Front Range, Colorado. <i>Arctic, Antarctic, and Alpine Research</i> , 2010, 42, 198-209. | 0.4 | 6 |
| 11 | Diurnal fluctuations in borehole water levels: configuration of the drainage system beneath Bench Glacier, Alaska, USA. <i>Journal of Glaciology</i> , 2008, 54, 297-306. | 1.1 | 33 |
| 12 | Two modes of accelerated glacier sliding related to water. <i>Geophysical Research Letters</i> , 2007, 34, . | 1.5 | 57 |
| 13 | Glaciers Dominate Eustatic Sea-Level Rise in the 21st Century. <i>Science</i> , 2007, 317, 1064-1067. | 6.0 | 570 |
| 14 | Evolution of subglacial water pressure along a glacier's length. <i>Annals of Glaciology</i> , 2005, 40, 31-36. | 2.8 | 42 |
| 15 | Diurnal water-pressure fluctuations: timing and pattern of termination below Bench Glacier, Alaska, USA. <i>Annals of Glaciology</i> , 2005, 40, 102-106. | 2.8 | 15 |
| 16 | Comment on "The potential for sea level rise: New estimates from glacier and ice cap area and volume distribution" by S. C. B. Raper and R. J. Braithwaite. <i>Geophysical Research Letters</i> , 2005, 32, . | 1.5 | 11 |
| 17 | Evolving force balance at Columbia Glacier, Alaska, during its rapid retreat. <i>Journal of Geophysical Research</i> , 2005, 110, . | 3.3 | 83 |
| 18 | Temperature gradient and initial snow density as controlling factors in the formation and structure of hard depth hoar. <i>Journal of Glaciology</i> , 2002, 48, 485-494. | 1.1 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Spatial variability in the flow of a valley glacier: Deformation of a large array of boreholes. Journal of Geophysical Research, 2001, 106, 8547-8562. | 3.3 | 42 |
| 20 | Response time of glaciers as a function of size and mass balance: 1. Theory. Journal of Geophysical Research, 1998, 103, 9777-9782. | 3.3 | 112 |
| 21 | Response time of glaciers as a function of size and mass balance: 2. Numerical experiments. Journal of Geophysical Research, 1998, 103, 9783-9789. | 3.3 | 29 |
| 22 | Three-Dimensional Deformation Measured in an Alaskan Glacier. , 1998, 281, 1340-1342. | | 37 |
| 23 | Variations of near-surface firn density in the lower accumulation area of the Greenland ice sheet, PÅkkitsoq, West Greenland. Journal of Glaciology, 1994, 40, 477-485. | 1.1 | 80 |
| 24 | Theoretical limitations to englacial velocity calculations. Journal of Glaciology, 1994, 40, 509-518. | 1.1 | 24 |
| 25 | Stress-induced foliation in the terminus of Variegated Glacier, Alaska, U.S.A, formed during the 1982â€83 surge. Journal of Glaciology, 1992, 38, 213-222. | 1.1 | 40 |
| 26 | Stress-induced foliation in the terminus of Variegated Glacier, Alaska, U.S.A, formed during the 1982â€83 surge. Journal of Glaciology, 1992, 38, 213-222. | 1.1 | 3 |
| 27 | Retention of Greenland runoff by refreezing: Implications for projected future sea level change. Journal of Geophysical Research, 1991, 96, 22117-22124. | 3.3 | 173 |
| 28 | Analysis and Modeling of Melt-Water Refreezing in Dry Snow. Journal of Glaciology, 1990, 36, 238-246. | 1.1 | 54 |
| 29 | Modeling of meltwater infiltration in subfreezing snow. Water Resources Research, 1990, 26, 1001-1012. | 1.7 | 75 |