

# Roberto Seppi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8040932/publications.pdf>

Version: 2024-02-01

30  
papers

740  
citations

471061

17  
h-index

552369

26  
g-index

36  
all docs

36  
docs citations

36  
times ranked

947  
citing authors

#	ARTICLE	IF	CITATIONS
1	Area and volume loss of the glaciers in the Ortles-Cevedale group (Eastern Italian Alps): controls and imbalance of the remaining glaciers. <i>Cryosphere</i> , 2013, 7, 1339-1359.	1.5	66
2	Distribution and behaviour of rock glaciers in the Adamello-Presanella Massif (Italian Alps). <i>Permafrost and Periglacial Processes</i> , 2004, 15, 243-259.	1.5	57
3	Brief Communication: "An inventory of permafrost evidence for the European Alps". <i>Cryosphere</i> , 2011, 5, 651-657.	1.5	52
4	Decay of a long-term monitored glacier: Careser Glacier (Ortles-Cevedale, European Alps). <i>Cryosphere</i> , 2013, 7, 1819-1838.	1.5	50
5	Current transition from glacial to periglacial processes in the Dolomites (South-Eastern Alps). <i>Geomorphology</i> , 2015, 228, 71-86.	1.1	46
6	Age of the Mt. Ortles ice cores, the Tyrolean Iceman and glaciation of the highest summit of South Tyrol since the Northern Hemisphere Climatic Optimum. <i>Cryosphere</i> , 2016, 10, 2779-2797.	1.5	43
7	Understanding hydrological processes in glacierized catchments: Evidence and implications of highly variable isotopic and electrical conductivity data. <i>Hydrological Processes</i> , 2019, 33, 816-832.	1.1	38
8	Life in harsh environments: carabid and spider trait types and functional diversity on a debris-covered glacier and along its foreland. <i>Ecological Entomology</i> , 2017, 42, 838-848.	1.1	37
9	Impact of Po Valley emissions on the highest glacier of the Eastern European Alps. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 8087-8102.	1.9	32
10	Reconstructing fluctuations of the glacier (eastern Italian Alps) in the late holocene: new evidence for a little ice age maximum around 1600 AD. <i>Geografiska Annaler, Series A: Physical Geography</i> , 2014, 96, 287-306.	0.6	31
11	Atmospheric warming threatens the untapped glacial archive of Ortles mountain, South Tyrol. <i>Journal of Glaciology</i> , 2010, 56, 843-853.	1.1	25
12	Catchment-scale Permafrost Mapping using Spring Water Characteristics. <i>Permafrost and Periglacial Processes</i> , 2016, 27, 253-270.	1.5	25
13	Alpine headwaters emerging from glaciers and rock glaciers host different bacterial communities: Ecological implications for the future. <i>Science of the Total Environment</i> , 2020, 717, 137101.	3.9	25
14	Ecology of active rock glaciers and surrounding landforms: climate, soil, plants and arthropods. <i>Boreas</i> , 2017, 46, 185-198.	1.2	20
15	Little Ice Age mapping as a tool for identifying hazard in the paraglacial environment: The case study of Trentino (Eastern Italian Alps). <i>Geomorphology</i> , 2017, 295, 551-562.	1.1	20
16	Vanishing permanent glaciers: climate change is threatening a European Union habitat (Code 8340) and its poorly known biodiversity. <i>Biodiversity and Conservation</i> , 2021, 30, 2267-2276.	1.2	20
17	Physical and biological features of an active rock glacier in the Italian Alps. <i>Holocene</i> , 2014, 24, 1624-1631.	0.9	18
18	Feedback effects between plant and flower-visiting insect communities along a primary succession gradient. <i>Arthropod-Plant Interactions</i> , 2016, 10, 485-495.	0.5	18

#	ARTICLE	IF	CITATIONS
19	Double response of glaciers in the Upper Peio Valley (Rhaetian Alps, Italy) to the Younger Dryas climatic deterioration. <i>Boreas</i> , 2017, 46, 783-798.	1.2	18
20	Decoupled kinematics of two neighbouring permafrost creeping landforms in the Eastern Italian Alps. <i>Earth Surface Processes and Landforms</i> , 2019, 44, 2703-2719.	1.2	17
21	Hierarchical models for describing space-for-time variations in insect population size and sex-ratio along a primary succession. <i>Ecological Modelling</i> , 2016, 329, 18-28.	1.2	13
22	The Retreat of Mountain Glaciers since the Little Ice Age: A Spatially Explicit Database. <i>Data</i> , 2021, 6, 107.	1.2	13
23	A Pol-SAR Analysis for Alpine Glacier Classification and Snowline Altitude Retrieval. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3106-3121.	2.3	12
24	An Unsupervised Method to Detect Rock Glacier Activity by Using Sentinel-1 SAR Interferometric Coherence: A Regional-Scale Study in the Eastern European Alps. <i>Remote Sensing</i> , 2019, 11, 1711.	1.8	10
25	Alpine Glaciology: An Historical Collaboration between Volunteers and Scientists and the Challenge Presented by an Integrated Approach. <i>ISPRS International Journal of Geo-Information</i> , 2013, 2, 680-703.	1.4	9
26	Diatom diversity in headwaters influenced by permafrost thawing: First evidence from the Central Italian Alps. <i>Advances in Oceanography and Limnology</i> , 2018, 9, .	0.2	9
27	Combined GPR and TDR measurements for snow thickness and density estimation. , 2015, , .		2
28	WESNEP: A Wireless Environmental Sensor Network for Permafrost Studies. <i>Lecture Notes in Electrical Engineering</i> , 2010, , 397-400.	0.3	1
29	Seasonal river discharge forecast in alpine catchments using snow map time series and support vector regression approach. , 2014, , .		0
30	Combining RADARSAT-2 and COSMO-SkyMed data for alpine permafrost deformation monitoring. , 2015, , .		0