

Arkusz Pawlik

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

610
citations

759233

12
h-index

677142

22
g-index

27
all docs

27
docs citations

27
times ranked

510
citing authors

#	ARTICLE	IF	CITATIONS
1	Modelling and prediction of wind damage in forest ecosystems of the Sudety Mountains, SW Poland. <i>Science of the Total Environment</i> , 2022, 815, 151972.	8.0	9
2	Fungal genetic biodiversity and metabolic activity as an indicator of potential biological weathering and soil formation – Case study of towards a better understanding of Earth system dynamics. <i>Ecological Indicators</i> , 2022, 141, 109136.	6.3	4
3	Post-landslide soil and vegetation recovery in a dry, montane system is slow and patchy. <i>Ecosphere</i> , 2021, 12, e03346.	2.2	8
4	Recent advances on geomorphology of the Gorce Mountains, the Outer Western Carpathians – state-of-the-art and future perspectives. <i>Geographia Polonica</i> , 2021, 94, 47-67.	1.0	4
5	Drivers of forest aboveground biomass and its increments in the Tatra Mountains after 15 years. <i>Catena</i> , 2021, 205, 105468.	5.0	12
6	Indirect biogeomorphic and soil evolutionary effects of spruce bark beetle. <i>Global and Planetary Change</i> , 2020, 195, 103317.	3.5	13
7	Impact of trees and forests on the Devonian landscape and weathering processes with implications to the global Earth's system properties - A critical review. <i>Earth-Science Reviews</i> , 2020, 205, 103200.	9.1	29
8	Spatial distribution of tree species in mountain national parks depends on geomorphology and climate. <i>Forest Ecology and Management</i> , 2020, 474, 118366.	3.2	21
9	Soil, regolith, and weathered rock: Theoretical concepts and evolution in old-growth temperate forests, Central Europe. <i>Geoderma</i> , 2020, 368, 114261.	5.1	13
10	Weathering fronts. <i>Earth-Science Reviews</i> , 2019, 198, 102925.	9.1	24
11	Geomorphic edge effects in response to abiotic and anthropogenic disturbances in forest ecosystems of the Gorce Mountains, Western Carpathians. <i>Catena</i> , 2019, 177, 134-148.	5.0	8
12	A study of the wood anatomy of <i>Picea abies</i> roots and their role in biomechanical weathering of rock cracks. <i>Catena</i> , 2019, 173, 264-275.	5.0	16
13	Soil creep: The driving factors, evidence and significance for biogeomorphic and pedogenic domains and systems – A critical literature review. <i>Earth-Science Reviews</i> , 2018, 178, 257-278.	9.1	49
14	Biomechanical and biochemical effects recorded in the tree root zone – soil memory, historical contingency and soil evolution under trees. <i>Plant and Soil</i> , 2018, 426, 109-134.	3.7	19
15	Regolith properties under trees and the biomechanical effects caused by tree root systems as recognized by electrical resistivity tomography (ERT). <i>Geomorphology</i> , 2018, 300, 1-12.	2.6	26
16	Domination of hillslope denudation by tree uprooting in an old-growth forest. <i>Geomorphology</i> , 2017, 276, 27-36.	2.6	53
17	Deciphering the history of forest disturbance and its effects on landforms and soils – lessons from a pit-and-mound locality at Rogowa Kopa, Sudetes, SW Poland. <i>Bulletin of Geography, Physical Geography Series</i> , 2017, 12, 59-81.	0.6	4
18	Roots, rock, and regolith: Biomechanical and biochemical weathering by trees and its impact on hillslopes – A critical literature review. <i>Earth-Science Reviews</i> , 2016, 159, 142-159.	9.1	107

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19	Local and regional scale biomorphodynamics due to tree uprooting in semi-natural and managed montane forests of the Sudetes Mountains, Central Europe. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1250-1265.	2.5	28
20	Surface processes and interactions with forest vegetation on a steep mudstone slope, Stożowe Mountains, SW Poland. <i>Catena</i> , 2013, 109, 203-216.	5.0	58
21	The role of trees in the geomorphic system of forested hillslopes – A review. <i>Earth-Science Reviews</i> , 2013, 126, 250-265.	9.1	92
22	Zniszczenia w lasach sudeckich pod wpływem orkanu Cyryl (18-19.01.2007 r.) - implikacje historyczne i regionalne = Forest damage in the Sudety Mts. caused by the Kyrill storm (18-19.01.2007) – historic and regional implications. <i>Przeład Geograficzny</i> , 2012, 84, 53-75.	0.2	8
23	Electrical resistivity tomography (ERT) of pit-and-mound microrelief, Mt Rogowa Kopa case study, the Stożowe Mountains, SW Poland. <i>Landform Analysis</i> , 0, 29, 41-47.	0.0	5