

Pavel Mezei

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Storms, temperature maxima and the Eurasian spruce bark beetle <i>Ips typographus</i> – An infernal trio in Norway spruce forests of the Central European High Tatra Mountains. <i>Agricultural and Forest Meteorology</i> , 2017, 242, 85-95.	4.8	112
2	Factors influencing the wind – bark beetles™ disturbance system in the course of an <i>Ips typographus</i> outbreak in the Tatra Mountains. <i>Forest Ecology and Management</i> , 2014, 312, 67-77.	3.2	59
3	Host and site factors affecting tree mortality caused by the spruce bark beetle (<i>Ips typographus</i>) in mountainous conditions. <i>Forest Ecology and Management</i> , 2014, 331, 196-207.	3.2	51
4	Drivers of Spruce Bark Beetle (<i>Ips typographus</i>) Infestations on Downed Trees after Severe Windthrow. <i>Forests</i> , 2020, 11, 1290.	2.1	29
5	Landscape-level spread of beetle infestations from windthrown- and beetle-killed trees in the non-intervention zone of the Tatra National Park, Slovakia (Central Europe). <i>Forest Ecology and Management</i> , 2019, 432, 489-500.	3.2	28
6	Potential Solar Radiation as a Driver for Bark Beetle Infestation on a Landscape Scale. <i>Forests</i> , 2019, 10, 604.	2.1	25
7	Northernmost European spruce bark beetle <i>Ips typographus</i> outbreak: Modelling tree mortality using remote sensing and climate data. <i>Forest Ecology and Management</i> , 2022, 505, 119829.	3.2	22
8	Frontiers of protected areas versus forest exploitation: Assessing habitat network functionality in 16 case study regions globally. <i>Ambio</i> , 2021, 50, 2286-2310.	5.5	21
9	Influence of different forest protection strategies on spruce tree mortality during a bark beetle outbreak. <i>Annals of Forest Science</i> , 2017, 74, 1.	2.0	19
10	Wind Damage and Temperature Effect on Tree Mortality Caused by <i>Ips typographus</i> L.: Phase Transition Model. <i>Forests</i> , 2022, 13, 180.	2.1	7
11	Reproductive Isolation of <i>Ips nitidus</i> and <i>I. shangrila</i> in Mountain Forests of Western China: Responses to Chiral and Achiral Candidate Pheromone Components. <i>Journal of Chemical Ecology</i> , 2015, 41, 678-688.	1.8	6
12	Influence of weather and day length on intra-seasonal growth of Norway spruce (<i>Picea abies</i>) and European beech (<i>Fagus sylvatica</i>) in a natural montane forest. <i>Canadian Journal of Forest Research</i> , 2021, 51, 1799-1810.	1.7	3
13	Weather conditions and host characteristics drive infestations of sessile oak (<i>Quercus petraea</i>) trap trees by oak bark beetles (<i>Scolytus intricatus</i>). <i>Forest Ecology and Management</i> , 2022, 503, 119775.	3.2	2
14	Effect of mature spruce forest on canopy interception in subalpine conditions during three growing seasons. <i>Journal of Hydrology and Hydromechanics</i> , 2021, 69, 436-446.	2.0	2