

Jana Mullerova

List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

2,358
citations

257450

24
h-index

361022

35
g-index

41
all docs

41
docs citations

41
times ranked

3482
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Use of Unmanned Aerial Systems for Environmental Monitoring. <i>Remote Sensing</i> , 2018, 10, 641.	4.0	433
2	Black locust (<i>Robinia pseudoacacia</i>) beloved and despised: A story of an invasive tree in Central Europe. <i>Forest Ecology and Management</i> , 2017, 384, 287-302.	3.2	270
3	The impact of an invasive plant changes over time. <i>Ecology Letters</i> , 2013, 16, 1277-1284.	6.4	181
4	Timing Is Important: Unmanned Aircraft vs. Satellite Imagery in Plant Invasion Monitoring. <i>Frontiers in Plant Science</i> , 2017, 8, 887.	3.6	127
5	Coppice abandonment and its implications for species diversity in forest vegetation. <i>Forest Ecology and Management</i> , 2015, 343, 88-100.	3.2	126
6	Aerial photographs as a tool for assessing the regional dynamics of the invasive plant species <i>Heracleum mantegazzianum</i> . <i>Journal of Applied Ecology</i> , 2005, 42, 1042-1053.	4.0	96
7	Remote sensing as a tool for monitoring plant invasions: Testing the effects of data resolution and image classification approach on the detection of a model plant species <i>Heracleum mantegazzianum</i> (giant hogweed). <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2013, 25, 55-65.	2.8	87
8	Black locust – Successful invader of a wide range of soil conditions. <i>Science of the Total Environment</i> , 2015, 505, 315-328.	8.0	71
9	The rise and fall of traditional forest management in southern Moravia: A history of the past 700 years. <i>Forest Ecology and Management</i> , 2014, 331, 104-115.	3.2	68
10	Tree-Rings Mirror Management Legacy: Dramatic Response of Standard Oaks to Past Coppicing in Central Europe. <i>PLoS ONE</i> , 2013, 8, e55770.	2.5	63
11	Unmanned aircraft in nature conservation: an example from plant invasions. <i>International Journal of Remote Sensing</i> , 2017, 38, 2177-2198.	2.9	63
12	The impacts of road and walking trails upon adjacent vegetation: Effects of road building materials on species composition in a nutrient poor environment. <i>Science of the Total Environment</i> , 2011, 409, 3839-3849.	8.0	56
13	Using Single- and Multi-Date UAV and Satellite Imagery to Accurately Monitor Invasive Knotweed Species. <i>Remote Sensing</i> , 2018, 10, 1662.	4.0	51
14	Comparing the rate of invasion by <i>Heracleum mantegazzianum</i> at continental, regional, and local scales. <i>Diversity and Distributions</i> , 2008, 14, 355-363.	4.1	46
15	The role of long-distance seed dispersal in the local population dynamics of an invasive plant species. <i>Diversity and Distributions</i> , 2011, 17, 725-738.	4.1	43
16	Impacts and underlying factors of landscape-scale, historical disturbance of mountain forest identified using archival documents. <i>Forest Ecology and Management</i> , 2013, 305, 294-306.	3.2	42
17	<i>Robinia pseudoacacia</i> -dominated vegetation types of Southern Europe: Species composition, history, distribution and management. <i>Science of the Total Environment</i> , 2020, 707, 134857.	8.0	41
18	A simulation model of plant invasion: long-distance dispersal determines the pattern of spread. <i>Biological Invasions</i> , 2007, 9, 383-395.	2.4	38

#	ARTICLE	IF	CITATIONS
19	UNMANNED AERIAL VEHICLES FOR ALIEN PLANT SPECIES DETECTION AND MONITORING. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XL-1/W4, 83-90.	0.2	37
20	Long-term impact of <i>Heracleum mantegazzianum</i> invasion on soil chemical and biological characteristics. <i>Soil Biology and Biochemistry</i> , 2014, 68, 270-278.	8.8	34
21	Intensive woodland management in the Middle Ages: spatial modelling based on archival data. <i>Journal of Historical Geography</i> , 2015, 48, 1-10.	0.7	34
22	Assessing the Accuracy of Digital Surface Models Derived from Optical Imagery Acquired with Unmanned Aerial Systems. <i>Drones</i> , 2019, 3, 15.	4.9	33
23	Using historical ecology to reassess the conservation status of coniferous forests in Central Europe. <i>Conservation Biology</i> , 2017, 31, 150-160.	4.7	31
24	About the link between biodiversity and spectral variation. <i>Applied Vegetation Science</i> , 2022, 25, .	1.9	31
25	Response of understory vegetation, tree regeneration, and soil quality to manipulated stand density in a <i>Pinus massoniana</i> plantation. <i>Global Ecology and Conservation</i> , 2019, 20, e00775.	2.1	30
26	Belowground impacts of alpine woody encroachment are determined by plant traits, local climate, and soil conditions. <i>Global Change Biology</i> , 2020, 26, 7112-7127.	9.5	26
27	Use of digital aerial photography for sub-alpine vegetation mapping: A case study from the Krkonoše Mts., Czech Republic. <i>Plant Ecology</i> , 2005, 175, 259-272.	1.6	21
28	Temperature buffering in temperate forests: Comparing microclimate models based on ground measurements with active and passive remote sensing. <i>Remote Sensing of Environment</i> , 2021, 263, 112522.	11.0	21
29	Characterizing vegetation complexity with unmanned aerial systems (UAS) – A framework and synthesis. <i>Ecological Indicators</i> , 2021, 131, 108156.	6.3	18
30	DOES THE DATA RESOLUTION/ORIGIN MATTER? SATELLITE, AIRBORNE AND UAV IMAGERY TO TACKLE PLANT INVASIONS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B7, 903-908.	0.2	15
31	Detecting Coppice Legacies from Tree Growth. <i>PLoS ONE</i> , 2016, 11, e0147205.	2.5	14
32	DOES THE DATA RESOLUTION/ORIGIN MATTER? SATELLITE, AIRBORNE AND UAV IMAGERY TO TACKLE PLANT INVASIONS. International Archives of the Photogrammetry, Remote Sensing and Spatial Information Sciences - ISPRS Archives, 0, XLI-B7, 903-908.	0.2	14
33	The role of vegetation succession in ecosystem restoration: Introduction. <i>Applied Vegetation Science</i> , 2001, 4, 1-4.	1.9	11
34	Long-term survival in soil of seed of the invasive herbaceous plant <i>Heracleum mantegazzianum</i> . <i>Preslia</i> , 2018, 90, 225-234.	2.8	11
35	Think globally, measure locally: The MIREN standardized protocol for monitoring plant species distributions along elevation gradients. <i>Ecology and Evolution</i> , 2022, 12, e8590.	1.9	11
36	Township boundaries and the colonization of the Moravian landscape. <i>Journal of Historical Geography</i> , 2017, 57, 89-99.	0.7	7

#	ARTICLE	IF	CITATIONS
37	More than trees: The challenges of creating a geodatabase to capture the complexity of forest history. <i>Historical Methods</i> , 2018, 51, 175-189.	1.5	6
38	Towards resolving conservation issues through historical aerial imagery: vegetation cover changes in the Central European tundra. <i>Biodiversity and Conservation</i> , 2021, 30, 3433-3455.	2.6	3
39	UAS for Nature Conservation – Monitoring Invasive Species. , 2019, , 157-178.		2
40	LONGWOOD: integrating woodland history and ecology in a geodatabase through an interdisciplinary approach. , 2013, 8795, .		1