Ivo Machar

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3298516/publications.pdf

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59	562	687363 13	752698 20
papers	citations	h-index	g-index

60	60	60	611
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effectiveness of Natura 2000 system for habitat types protection: A case study from the Czech Republic. Nature Conservation, 0, 24, 21-41.	0.0	36
2	Decision support tool for the evaluation of landscapes. Ecological Informatics, 2015, 30, 305-308.	5.2	34
3	Modelling of Climate Conditions in Forest Vegetation Zones as a Support Tool for Forest Management Strategy in European Beech Dominated Forests. Forests, 2017, 8, 82.	2.1	33
4	Analysis of the development of land use in the Morava River floodplain, with special emphasis on the landscape matrix. Moravian Geographical Reports, 2017, 25, 46-59.	1.2	30
5	The Role of Anthropogenic Landforms in Sustainable Landscape Management. Sustainability, 2019, 11, 4331.	3.2	28
6	Monetary Valuation of Natural Forest Habitats in Protected Areas. Forests, 2017, 8, 427.	2.1	27
7	Depiction of uncertainty in the visually interpreted land cover data. Ecological Informatics, 2018, 47, 10-13.	5.2	27
8	Biogeographic model of climate conditions for vegetation zones in Czechia. Geografie-Sbornik CGS, 2017, 122, 64-82.	0.6	24
9	Assessment of Forest Management in Protected Areas Based on Multidisciplinary Research. Forests, 2016, 7, 285.	2.1	23
10	Combining a growth-simulation model with acoustic-wood tomography as a decision-support tool for adaptive management and conservation of forest ecosystems. Ecological Informatics, 2015, 30, 309-312.	5.2	22
11	Sheep and wolves: Is the occurrence of large predators a limiting factor for sheep grazing in the Czech Carpathians?. Journal for Nature Conservation, 2014, 22, 479-486.	1.8	21
12	Joining of the historical research and future prediction as a support tool for the assessment of management strategy for European beech-dominated forests in protected areas. Nature Conservation, 0, 22, 51-78.	0.0	21
13	Flood Risk Assessment for the Long-Term Strategic Planning Considering the Placement of Industrial Parks in Slovakia. Sustainability, 2020, 12, 4144.	3.2	16
14	Barn Owl Productivity Response to Variability of Vole Populations. PLoS ONE, 2015, 10, e0145851.	2.5	15
15	Comparison of bird diversity between temperate floodplain forests and urban parks. Urban Forestry and Urban Greening, 2022, 67, 127427.	5.3	15
16	Geodiversity Action Plans as a Tool for Developing Sustainable Tourism and Environmental Education. Sustainability, 2022, 14, 6043.	3.2	15
17	Application of GIS to Empirical Windthrow Risk Model in Mountain Forested Landscapes. Forests, 2018, 9, 96.	2.1	14
18	Biocontrol of Common Vole Populations by Avian Predators Versus Rodenticide Application. Polish Journal of Ecology, 2017, 65, 434-444.	0.2	13

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19	Ungulate Browsing Limits Bird Diversity of the Central European Hardwood Floodplain Forests. Forests, 2018, 9, 373.	2.1	10
20	Assessment of Visitor Preferences and Attendance to Singletrails in the Moravian Karst for the Sustainable Development Proposals. Sustainability, 2019, 11, 3560.	3.2	10
21	Retention Forestry Supports Bird Diversity in Managed, Temperate Hardwood Floodplain Forests. Forests, 2019, 10, 300.	2.1	10
22	Application of geoecological concept of the alluvial landscape in the creation of nature reserve (case) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 2014, 59, 123-134.	0.4	10
23	Young urban trees as important structures in the cultural heritage of cities â€“ a case study from Prague. Environmental and Socio-Economic Studies, 2019, 7, 14-23.	0.8	9
24	The Application of Geobiocoenological Landscape Typology in The Modelling of Climate Change Implications. Journal of Landscape Ecology(Czech Republic), 2015, 8, 69-81.	0.9	8
25	A checklist of the ants (Hymenoptera: Formicidae) of Peru. Zootaxa, 2015, 4020, 101-33.	0.5	6
26	What is the Development Capacity for Provision of Ecosystem Services in the Czech Republic?. Sustainability, 2019, 11, 4273.	3.2	5
27	Changes to Land Area Used for Grain Maize Production in Central Europe due to Predicted Climate Change. International Journal of Agronomy, 2019, 2019, 1-9.	1.2	5
28	Ranking the Key Forest Habitats in Ecosystem Function Provision: Case Study from Morava River Basin. Forests, 2021, 12, 138.	2.1	5
29	Long-term decline in breeding abundance of Black-headed Gull (Chroicocephalus ridibundus) in the Czech Republic: a case study of a population trend at the Chomoutov lake. Ekologia, 2016, 35, 350-358.	0.8	5
30	Environmental Modelling of Climate Change Impact on Grapevines: Case Study from the Czech Republic. Polish Journal of Environmental Studies, 2017, 26, 1927-1934.	1.2	5
31	Environmental Modelling of Forest Vegetation Zones as A Support Tool for Sustainable Management of Central European Spruce Forests. Journal of Landscape Ecology(Czech Republic), 2018, 11, 45-63.	0.9	5
32	Wood Debris in Rivers - One of the Key Factors for Management of the Floodplain Forest Biotope of European Importance. Journal of Landscape Ecology(Czech Republic), 2009, 2, .	0.9	4
33	Bird Diversity as a Support Decision Tool for Sustainable Management in Temperate Forested Floodplain Landscapes. Sustainability, 2019, 11, 1527.	3.2	4
34	Sustainable Landscape Management and Planning. Sustainability, 2020, 12, 2354.	3.2	4
35	National Limits of Sustainability: The Czech Republicâ€™s CO2 Emissions in the Perspective of Planetary Boundaries. Sustainability, 2021, 13, 2164.	3.2	4
36	Potential geo-ecological impacts of the proposed Danubeâ€“Oderâ€“Elbe Canal on alluvial landscapes in the Czech Republic. Moravian Geographical Reports, 2015, 23, 38-46.	1.2	4

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37	Visitor profiling using characteristics of socio-demographic and spatial behavior as tools to support the management of protected mountain areas. Geografie-Sbornik CGS, 2018, 123, 461-478.	0.6	4
38	Changes in Fragmentation and the Ecological Stability of Floodplain Forest Geobiocenosis in the River Morava Floodplain Over the Course of the 20th Century. Journal of Landscape Ecology(Czech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 697	0.4	3
39	Thorny Shrubs Limit the Browsing Pressure of Large Herbivores on Tree Regeneration in Temperate Lowland Forested Landscapes. Sustainability, 2019, 11, 3578.	3.2	3
40	Drivers of the Distribution of Ecological Species Groups in Temperate Deciduous Managed Forests in the Western Carpathian Mountains. Forests, 2019, 10, 798.	2.1	3
41	Assessment of Management Strategy for Hardwood Floodplain Forest Ecosystem in Protected Area. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2014, 62, 213-224.	0.4	3
42	Floodplain Forests and Urban Parks â€“ A Brief Comparison of Bird Diversity. Journal of Landscape Ecology(Czech Republic), 2021, 14, 1-11.	0.9	3
43	Local place names as a part of landscape memory (Case study from HanÃ¡ region, Czech Republic). Acta Universitatis Carolinae, Geographica, 2014, 49, 61-69.	0.2	2
44	A growth simulation model as a support tool for conservation management strategy in a mountain protected area. Eco Mont, 2018, 10, 61-69.	0.1	2
45	Are birds reliable indicators of most valuable natural areas? Evaluation of special protection areas in the context of habitat protection. Ecological Indicators, 2021, 132, 108298.	6.3	2
46	Text Difficulty in Czech Natural Science Textbooks for the Fourth Grade. New Educational Review, 2014, 35, 29-40.	0.2	2
47	Editorial for Special Issue â€œBiodiversity and Management of Temperate Floodplain Forestsâ€• Forests, 2021, 12, 351.	2.1	1
48	Land-Use Changes at Nest Sites of the Little Owl (Athene noctua) in the South-Moravian Region of the Czech Republic. Journal of Landscape Ecology(Czech Republic), 2018, 11, 19-34.	0.9	1
49	FOREST MANAGEMENT AT THE UPPER TREELINE IN JESENIKY MOUNTAINS (CZECH REPUBLIC). , 2014, , .		1
50	APPLYING OF CLASSIFICATION SYSTEMS OF FLOODPLAIN FOREST ECOSYSTEMS TO SUSTAINABLE FOREST MANAGEMENT STRATEGY IN THE CZECH REPUBLIC. , 2013, , .		1
51	Applying of Indicator Vertebrate Species to Environmental Assessment in the Landscape: Danube â€“ Oder â€“ Elbe Water Canal in the Czech Republic. Journal of Landscape Ecology(Czech Republic), 2016, 9, 61-82.	0.9	1
52	Changes in the Secondary Landscape Structure in Hruby Jesenik Mountains (Czech Republic). Journal of Landscape Ecology(Czech Republic), 2020, 13, 107-121.	0.9	1
53	Restoring Natural Forests as the Most Efficient Way to Water Quality and Abundance: Case Study from Å½elivka River Basin. Sustainability, 2022, 14, 814.	3.2	1
54	Innovation in Biology and Environmental Education Didactics in Pre-Graduate Training of Secondary Biology Teachers in the Context of Current Changes in the Education System. New Educational Review, 2014, 37, 31-42.	0.2	1

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55	Analysis of fragmentation of selected steppe sites in the Pannonian region of the Czech Republic. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2013, 61, 765-775.	0.4	0
56	RESTORATION OF THE RIVER SYSTEM IN THE FLOODPLAIN FORESTS CASE STUDY FROM THE CZECH REPUBLIC. , 2013, , .		0
57	ADAPTATION MEASURES FOR THE CENTRAL EUROPEAN FLOODPLAINS LANDSCAPE IN THE CONTEXT OF GLOBAL CHANGES CASE STUDY FROM THE CZECH REPUBLIC. , 2013, , .		0
58	Distribution of Common Kingfisher (Alcedo atthis) in the Ramena Å™eky Moravy National Nature Reserve (Czech Republic) in Relation to the Coppice-with-standard Forest Management. Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis, 2015, 63, 447-455.	0.4	0
59	Land Use Changes in the Alpine Tree Line Ecotone in the HrubÃ½ JesenÃk Mountains (Czech Republic). Journal of Landscape Ecology(Czech Republic), 2021, 14, 65-87.	0.9	0