

# Ivo Machar

## List of Publications by Year in descending order

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Version: 2024-02-01

59  
papers

562  
citations

687363

13  
h-index

752698

20  
g-index

60  
all docs

60  
docs citations

60  
times ranked

611  
citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of bird diversity between temperate floodplain forests and urban parks. <i>Urban Forestry and Urban Greening</i> , 2022, 67, 127427.	5.3	15
2	Restoring Natural Forests as the Most Efficient Way to Water Quality and Abundance: Case Study from Ā½elivka River Basin. <i>Sustainability</i> , 2022, 14, 814.	3.2	1
3	Geodiversity Action Plans as a Tool for Developing Sustainable Tourism and Environmental Education. <i>Sustainability</i> , 2022, 14, 6043.	3.2	15
4	Ranking the Key Forest Habitats in Ecosystem Function Provision: Case Study from Morava River Basin. <i>Forests</i> , 2021, 12, 138.	2.1	5
5	National Limits of Sustainability: The Czech Republicâ€™s CO2 Emissions in the Perspective of Planetary Boundaries. <i>Sustainability</i> , 2021, 13, 2164.	3.2	4
6	Editorial for Special Issue â€œBiodiversity and Management of Temperate Floodplain Forestsâ€: <i>Forests</i> , 2021, 12, 351.	2.1	1
7	Floodplain Forests and Urban Parks â€“ A Brief Comparison of Bird Diversity. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2021, 14, 1-11.	0.9	3
8	Are birds reliable indicators of most valuable natural areas? Evaluation of special protection areas in the context of habitat protection. <i>Ecological Indicators</i> , 2021, 132, 108298.	6.3	2
9	Land Use Changes in the Alpine Tree Line Ecotone in the HrubĀ½ JesenĀ½ Mountains (Czech Republic). <i>Journal of Landscape Ecology(Czech Republic)</i> , 2021, 14, 65-87.	0.9	0
10	Flood Risk Assessment for the Long-Term Strategic Planning Considering the Placement of Industrial Parks in Slovakia. <i>Sustainability</i> , 2020, 12, 4144.	3.2	16
11	Sustainable Landscape Management and Planning. <i>Sustainability</i> , 2020, 12, 2354.	3.2	4
12	Changes in the Secondary Landscape Structure in Hruby Jesenik Mountains (Czech Republic). <i>Journal of Landscape Ecology(Czech Republic)</i> , 2020, 13, 107-121.	0.9	1
13	Assessment of Visitor Preferences and Attendance to Singletrails in the Moravian Karst for the Sustainable Development Proposals. <i>Sustainability</i> , 2019, 11, 3560.	3.2	10
14	Thorny Shrubs Limit the Browsing Pressure of Large Herbivores on Tree Regeneration in Temperate Lowland Forested Landscapes. <i>Sustainability</i> , 2019, 11, 3578.	3.2	3
15	What is the Development Capacity for Provision of Ecosystem Services in the Czech Republic?. <i>Sustainability</i> , 2019, 11, 4273.	3.2	5
16	The Role of Anthropogenic Landforms in Sustainable Landscape Management. <i>Sustainability</i> , 2019, 11, 4331.	3.2	28
17	Drivers of the Distribution of Ecological Species Groups in Temperate Deciduous Managed Forests in the Western Carpathian Mountains. <i>Forests</i> , 2019, 10, 798.	2.1	3
18	Bird Diversity as a Support Decision Tool for Sustainable Management in Temperate Forested Floodplain Landscapes. <i>Sustainability</i> , 2019, 11, 1527.	3.2	4

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19	Changes to Land Area Used for Grain Maize Production in Central Europe due to Predicted Climate Change. <i>International Journal of Agronomy</i> , 2019, 2019, 1-9.	1.2	5
20	Retention Forestry Supports Bird Diversity in Managed, Temperate Hardwood Floodplain Forests. <i>Forests</i> , 2019, 10, 300.	2.1	10
21	Young urban trees as important structures in the cultural heritage of cities – a case study from Prague. <i>Environmental and Socio-Economic Studies</i> , 2019, 7, 14-23.	0.8	9
22	Depiction of uncertainty in the visually interpreted land cover data. <i>Ecological Informatics</i> , 2018, 47, 10-13.	5.2	27
23	Application of GIS to Empirical Windthrow Risk Model in Mountain Forested Landscapes. <i>Forests</i> , 2018, 9, 96.	2.1	14
24	Ungulate Browsing Limits Bird Diversity of the Central European Hardwood Floodplain Forests. <i>Forests</i> , 2018, 9, 373.	2.1	10
25	Land-Use Changes at Nest Sites of the Little Owl ( <i>Athene noctua</i> ) in the South-Moravian Region of the Czech Republic. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2018, 11, 19-34.	0.9	1
26	A growth simulation model as a support tool for conservation management strategy in a mountain protected area. <i>Eco Mont</i> , 2018, 10, 61-69.	0.1	2
27	Environmental Modelling of Forest Vegetation Zones as A Support Tool for Sustainable Management of Central European Spruce Forests. <i>Journal of Landscape Ecology(Czech Republic)</i> , 2018, 11, 45-63.	0.9	5
28	Visitor profiling using characteristics of socio-demographic and spatial behavior as tools to support the management of protected mountain areas. <i>Geografie-Sbornik CGS</i> , 2018, 123, 461-478.	0.6	4
29	Biocontrol of Common Vole Populations by Avian Predators Versus Rodenticide Application. <i>Polish Journal of Ecology</i> , 2017, 65, 434-444.	0.2	13
30	Modelling of Climate Conditions in Forest Vegetation Zones as a Support Tool for Forest Management Strategy in European Beech Dominated Forests. <i>Forests</i> , 2017, 8, 82.	2.1	33
31	Monetary Valuation of Natural Forest Habitats in Protected Areas. <i>Forests</i> , 2017, 8, 427.	2.1	27
32	Analysis of the development of land use in the Morava River floodplain, with special emphasis on the landscape matrix. <i>Moravian Geographical Reports</i> , 2017, 25, 46-59.	1.2	30
33	Environmental Modelling of Climate Change Impact on Grapevines: Case Study from the Czech Republic. <i>Polish Journal of Environmental Studies</i> , 2017, 26, 1927-1934.	1.2	5
34	Biogeographic model of climate conditions for vegetation zones in Czechia. <i>Geografie-Sbornik CGS</i> , 2017, 122, 64-82.	0.6	24
35	Assessment of Forest Management in Protected Areas Based on Multidisciplinary Research. <i>Forests</i> , 2016, 7, 285.	2.1	23
36	Long-term decline in breeding abundance of Black-headed Gull ( <i>Chroicocephalus ridibundus</i> ) in the Czech Republic: a case study of a population trend at the Chomoutov lake. <i>Ekologia</i> , 2016, 35, 350-358.	0.8	5

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37	Applying of Indicator Vertebrate Species to Environmental Assessment in the Landscape: Danube " Oder " Elbe Water Canal in the Czech Republic. <i>Journal of Landscape Ecology</i> (Czech Republic), 2016, 9, 61-82.	0.9	1
38	A checklist of the ants (Hymenoptera: Formicidae) of Peru. <i>Zootaxa</i> , 2015, 4020, 101-33.	0.5	6
39	Combining a growth-simulation model with acoustic-wood tomography as a decision-support tool for adaptive management and conservation of forest ecosystems. <i>Ecological Informatics</i> , 2015, 30, 309-312.	5.2	22
40	Decision support tool for the evaluation of landscapes. <i>Ecological Informatics</i> , 2015, 30, 305-308.	5.2	34
41	Barn Owl Productivity Response to Variability of Vole Populations. <i>PLoS ONE</i> , 2015, 10, e0145851.	2.5	15
42	The Application of Geobiocoenological Landscape Typology in The Modelling of Climate Change Implications. <i>Journal of Landscape Ecology</i> (Czech Republic), 2015, 8, 69-81.	0.9	8
43	Potential geo-ecological impacts of the proposed Danube"Oder"Elbe Canal on alluvial landscapes in the Czech Republic. <i>Moravian Geographical Reports</i> , 2015, 23, 38-46.	1.2	4
44	Distribution of Common Kingfisher ( <i>Alcedo atthis</i> ) in the Ramena "Meky Moravy National Nature Reserve (Czech Republic) in Relation to the Coppice-with-standard Forest Management. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2015, 63, 447-455.	0.4	0
45	Sheep and wolves: Is the occurrence of large predators a limiting factor for sheep grazing in the Czech Carpathians?. <i>Journal for Nature Conservation</i> , 2014, 22, 479-486.	1.8	21
46	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
47	Assessment of Management Strategy for Hardwood Floodplain Forest Ecosystem in Protected Area. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2014, 62, 213-224.	0.4	3
48	Local place names as a part of landscape memory (Case study from Han" region, Czech Republic). <i>Acta Universitatis Carolinae, Geographica</i> , 2014, 49, 61-69.	0.2	2
49	FOREST MANAGEMENT AT THE UPPER TREELINE IN JESENIKY MOUNTAINS (CZECH REPUBLIC). , 2014, , .		1
50	Text Difficulty in Czech Natural Science Textbooks for the Fourth Grade. <i>New Educational Review</i> , 2014, 35, 29-40.	0.2	2
51	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. <i>New Educational Review</i> , 2014, 37, 31-42.	0.2	1
52	Analysis of fragmentation of selected steppe sites in the Pannonian region of the Czech Republic. <i>Acta Universitatis Agriculturae Et Silviculturae Mendelianae Brunensis</i> , 2013, 61, 765-775.	0.4	0
53	RESTORATION OF THE RIVER SYSTEM IN THE FLOODPLAIN FORESTS CASE STUDY FROM THE CZECH REPUBLIC. , 2013, , .		0
54	ADAPTATION MEASURES FOR THE CENTRAL EUROPEAN FLOODPLAINS LANDSCAPE IN THE CONTEXT OF GLOBAL CHANGES CASE STUDY FROM THE CZECH REPUBLIC. , 2013, , .		0

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55	APPLYING OF CLASSIFICATION SYSTEMS OF FLOODPLAIN FOREST ECOSYSTEMS TO SUSTAINABLE FOREST MANAGEMENT STRATEGY IN THE CZECH REPUBLIC. , 2013, , .		1
56	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
57	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 ETQq1 1 0.784316.gBT /Overlock 10	0.784316	10
58	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
59	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