

# Robert Marusak

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

433  
citations

840776

11  
h-index

794594

19  
g-index

36  
all docs

36  
docs citations

36  
times ranked

688  
citing authors

#	ARTICLE	IF	CITATIONS
1	Concerns about reported harvests in European forests. <i>Nature</i> , 2021, 592, E15-E17.	27.8	56
2	Evaluation of carbon sequestration and thinning regimes within the optimization framework for forest stand management. <i>European Journal of Forest Research</i> , 2007, 126, 315-329.	2.5	36
3	Specific leaf area and leaf area index in developing stands of <i>Fagus sylvatica</i> L. and <i>Picea abies</i> Karst.. <i>Forest Ecology and Management</i> , 2016, 364, 52-59.	3.2	36
4	Temporal shifts of climate-growth relationships of Norway spruce as an indicator of health decline in the Beskids, Slovakia. <i>Forest Ecology and Management</i> , 2014, 325, 108-117.	3.2	34
5	Climatic drivers of forest productivity in Central Europe. <i>Agricultural and Forest Meteorology</i> , 2017, 234-235, 258-273.	4.8	33
6	Growth-climate responses indicate shifts in the competitive ability of European beech and Norway spruce under recent climate warming in East-Central Europe. <i>Dendrochronologia</i> , 2019, 54, 37-48.	2.2	32
7	Evaluating competitive interactions between trees in mixed forests in the Western Carpathians: Comparison between long-term experiments and SIBYLA simulations. <i>Forest Ecology and Management</i> , 2013, 310, 577-588.	3.2	22
8	Visual complexity and the montado do matter: landscape pattern preferences of user groups in Alentejo, Portugal. <i>Annals of Forest Science</i> , 2014, 71, 15-24.	2.0	22
9	Forest edges in managed riparian forests in the eastern part of the Czech Republic. <i>Forest Ecology and Management</i> , 2013, 305, 1-10.	3.2	18
10	GIS tool for optimization of forest harvest-scheduling. <i>Computers and Electronics in Agriculture</i> , 2015, 113, 254-259.	7.7	16
11	Evaluating similarity of radial increments around tree stem circumference of European beech and Norway spruce from Central Europe. <i>Geochronometria</i> , 2014, 41, 136-146.	0.8	14
12	Decision Support Approaches in Adaptive Forest Management. <i>Forests</i> , 2018, 9, 215.	2.1	11
13	Above-ground net primary productivity in young stands of beech and spruce. <i>LesnĀcky ĀEasopis</i> , 2013, 59, .	0.8	11
14	Decision Support Systems (DSS) OptimalĀA Case Study from the Czech Republic. <i>Forests</i> , 2015, 6, 163-182.	2.1	9
15	A Forest Planning Approach with Respect to the Creation of Overmature Reserved Areas in Managed Forests. <i>Forests</i> , 2015, 6, 328-343.	2.1	8
16	The Impact of Assumed Uncertainty on Long-Term Decisions in Forest Spatial Harvest Scheduling as a Part of Sustainable Development. <i>Forests</i> , 2017, 8, 335.	2.1	8
17	Functions for the aboveground woody biomass in Small-leaved lime ( <i>Tilia cordata</i> Mill.) / Funkce pro hodnocenĀ-biomasy nadzemnĀch ĀĀstĀ-lĀpy malolistĀĀ ( <i>Tilia cordata</i> Mill.). <i>LesnĀcky ĀEasopis</i> , 2014, 60, .	0.8	7
18	Alternative Modelling Approach to Spatial Harvest Scheduling with Respect to Fragmentation of Forest Ecosystem. <i>Environmental Management</i> , 2015, 56, 1134-1147.	2.7	7

#	ARTICLE	IF	CITATIONS
19	Comparison of tree volume equations for small-leaved lime ( <i>Tilia cordata</i> Mill.) in the Czech Republic. <i>Scandinavian Journal of Forest Research</i> , 2014, 29, 757-763.	1.4	6
20	Age estimation of Norway spruce using incomplete increment cores: Testing new and improved methods. <i>Dendrochronologia</i> , 2014, 32, 327-335.	2.2	6
21	Relation between forest stand diversity and anticipated log quality in managed Central European forests. <i>International Journal of Biodiversity Science, Ecosystem Services &amp; Management</i> , 2016, 12, 128-138.	2.9	6
22	The effect of climate factors on the size of forest wildfires (case study: Prague-East district, Czech) <i>Tj ETQq0 0 0 rgBT/Overlock 10 Tf 50</i>	3.6	5
23	Time Efficiency of Selected Types of Adjacency Constraints in Solving Unit Restriction Models. <i>Forests</i> , 2016, 7, 102.	2.1	4
24	Forest Management of <i>Pinus pinaster</i> Ait. in Unbalanced Forest Structures Arising from Disturbances – A Framework Proposal of Decision Support Systems (DSS). <i>Forests</i> , 2021, 12, 1031.	2.1	4
25	Spatially-constrained harvest scheduling with respect to environmental requirements and silvicultural system / <i>Prostorová plánovací metoda zohľadňujúca environmentálne požiadavky a hospodársky aspekty. Lesnícky časopis</i> , 2015, 61, 71-77.		3
26	Comparison of selected splines for stem form modeling: A case study in Norway spruce. <i>Annals of Forest Research</i> , 2014, .	1.1	3
27	Dynamics of <i>Fagus sylvatica</i> L. Necrotization under Different Pollutant Load Conditions. <i>Polish Journal of Environmental Studies</i> , 2019, 28, 2755-2763.	1.2	3
28	3D-Moldability of Veneers Plasticized with Water and Ammonia. <i>BioResources</i> , 2014, 10, .	1.0	2
29	KORFit: An efficient growth function fitting tool. <i>Computers and Electronics in Agriculture</i> , 2015, 116, 187-190.	7.7	2
30	Spatial considerations of an area restriction model for identifying harvest blocks at commercial forest plantations. <i>Lesnícky časopis</i> , 2016, 62, 146-151.	0.8	2
31	Optimizing the Tending of Forest Stands with Interactive Decision Maps to Balance the Financial Incomes and Ecological Risks according to Owner Demands: Case Study in Rakovník, the Czech Republic. <i>Forests</i> , 2020, 11, 730.	2.1	2
32	Importance of automatic threshold for image segmentation for accurate measurement of fine roots of woody plants / <i>Význam automatického prahovania na obrazovú segmentáciu pre presné merania jemných koreňov drevín. Lesnícky časopis</i> , 2014, 60, 244-249.	0.8	2
33	An Improved Weisbach's Rule for Efficient Estimation of Stand Quadratic Mean Diameter. <i>Forests</i> , 2015, 6, 2545-2559.	2.1	1
34	Impact of soil drainage to the radial stem growth of Norway spruce ( <i>Picea Abies</i> L. Karst.) in peatland forests. <i>Lesnícky časopis</i> , 2013, 59, .	0.8	1
35	Input point distribution for regular stem form spline modeling. <i>Forest Systems</i> , 2015, 24, 008.	0.3	1
36	Spatial and non-spatial harvest scheduling versus conventional timber indicator in over-mature forests. <i>Lesnícky časopis</i> , 2014, 60, .	0.8	0