Robert Marusak

List of Publications by Year
in descending order

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. Nature, 2021, 592, E15-E17.	27.8	56
2	Forest Management of Pinus pinaster Ait. in Unbalanced Forest Structures Arising from Disturbancesâ€"A Framework Proposal of Decision Support Systems (DSS). Forests, 2021, 12, 1031.	2.1	4
3	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 RakovnÃk, the Czech Republic. Forests, 2020, 11, 730.	2.1	2
4	Growth-climate responses indicate shifts in the competitive ability of European beech and Norway spruce under recent climate warming in East-Central Europe. Dendrochronologia, 2019, 54, 37-48.	2.2	32
5	Dynamics of Fagus sylvatica L. Necrotization under Different Pollutant Load Conditions. Polish Journal of Environmental Studies, 2019, 28, 2755-2763.	1.2	3
6	Decision Support Approaches in Adaptive Forest Management. Forests, 2018, 9, 215.	2.1	11
7	Climatic drivers of forest productivity in Central Europe. Agricultural and Forest Meteorology, 2017, 234-235, 258-273.	4.8	33
8	The Impact of Assumed Uncertainty on Long-Term Decisions in Forest Spatial Harvest Scheduling as a Part of Sustainable Development. Forests, 2017, 8, 335.	2.1	8
9	Time Efficiency of Selected Types of Adjacency Constraints in Solving Unit Restriction Models. Forests, 2016, 7, 102.	2.1	4
10	Spatial considerations of an area restriction model for identifying harvest blocks at commercial forest plantations. LesnÃcky ÄŒasopis, 2016, 62, 146-151.	0.8	2
11	Relation between forest stand diversity and anticipated log quality in managed Central European forests. International Journal of Biodiversity Science, Ecosystem Services & Management, 2016, 12, 128-138.	2.9	6
12	Specific leaf area and leaf area index in developing stands of Fagus sylvatica L. and Picea abies Karst.. Forest Ecology and Management, 2016, 364, 52-59.	3.2	36
13	A Forest Planning Approach with Respect to the Creation of Overmature Reserved Areas in Managed Forests. Forests, 2015, 6, 328-343.	2.1	8
14	An Improved Weiseâ€™s Rule for Efficient Estimation of Stand Quadratic Mean Diameter. Forests, 2015, 6, 2545-2559.	2.1	1
15	Decision Support Systems (DSS) Optimalâ€"A Case Study from the Czech Republic. Forests, 2015, 6, 163-182.	2.1	9
16	KORFit: An efficient growth function fitting tool. Computers and Electronics in Agriculture, 2015, 116, 187-190.	7.7	2
17	GIS tool for optimization of forest harvest-scheduling. Computers and Electronics in Agriculture, 2015, 113, 254-259.	7.7	16
18	Alternative Modelling Approach to Spatial Harvest Scheduling with Respect to Fragmentation of Forest Ecosystem. Environmental Management, 2015, 56, 1134-1147.	2.7	7

#	Article	IF	Citations
19	Spatially-constrained harvest scheduling with respect to environmental requirements and silvicultural system / ProstorovÃ© plÃ¡novÃ¡nÃ-mÃ½tnÃ¢ch tÄ›Å¾eb zahrnujÃ¢Ã-environmentÃ¡lnÃ-poÅ¾adavky a hospodÃ¡Å™skÃ© zpÅ¯soby. LesnÃ¢ky Ã¢Œasopis, 2015, 61, 71-77.	0.8	3
20	Input point distribution for regular stem form spline modeling. Forest Systems, 2015, 24, 008.	0.3	1
21	Functions for the aboveground woody biomass in Small-leaved lime (Tilia cordata Mill.) / Funkce pro hodnocenÃ-biomasy nadzemnÃ¢ch Ã¢Å¡stÃ-lÃ¤py malolistÃ© (Tilia cordata Mill.). LesnÃ¢ky Ã¢Œasopis, 2014, 60, .	0.8	7
22	3D-Moldability of Veneers Plasticized with Water and Ammonia. BioResources, 2014, 10, .	1.0	2
23	Comparison of tree volume equations for small-leaved lime (Tilia cordataMill.) in the Czech Republic. Scandinavian Journal of Forest Research, 2014, 29, 757-763.	1.4	6
24	Visual complexity and the montado do matter: landscape pattern preferences of user groups in Alentejo, Portugal. Annals of Forest Science, 2014, 71, 15-24.	2.0	22
25	Evaluating similarity of radial increments around tree stem circumference of European beech and Norway spruce from Central Europe. Geochronometria, 2014, 41, 136-146.	0.8	14
26	Age estimation of Norway spruce using incomplete increment cores: Testing new and improved methods. Dendrochronologia, 2014, 32, 327-335.	2.2	6
27	Temporal shifts of climateâ€“growth relationships of Norway spruce as an indicator of health decline in the Beskids, Slovakia. Forest Ecology and Management, 2014, 325, 108-117.	3.2	34
28	Importance of automatic threshold for image segmentation for accurate measurement of fine roots of woody plants / VÃ½znam automatickÃ©ho prahovania na obrazovÃº segmentÃ¡ciu pre presnÃ© merania jemnÃ½ch koreÅˆov drevÃn. LesnÃ¢ky Ã¢Œasopis, 2014, 60, 244-249.	0.8	2
29	Comparison of selected splines for stem form modeling: A case study in Norway spruce. Annals of Forest Research, 2014, .	1.1	3
30	Spatial and non-spatial harvest scheduling versus conventional timber indicator in over-mature forests. LesnÃ¢ky Ã¢Œasopis, 2014, 60, .	0.8	0
31	Forest edges in managed riparian forests in the eastern part of the Czech Republic. Forest Ecology and Management, 2013, 305, 1-10.	3.2	18
32	Evaluating competitive interactions between trees in mixed forests in the Western Carpathians: Comparison between long-term experiments and SIBYLA simulations. Forest Ecology and Management, 2013, 310, 577-588.	3.2	22
33	Above-ground net primary productivity in young stands of beech and spruce. LesnÃ¢ky Ã¢Œasopis, 2013, 59, .	0.8	11
34	Impact of soil drainage to the radial stem growth of Norway spruce (Picea Abies L. Karst.) in peatland forests. LesnÃ¢ky Ã¢Œasopis, 2013, 59, .	0.8	1
35	Evaluation of carbon sequestration and thinning regimes within the optimization framework for forest stand management. European Journal of Forest Research, 2007, 126, 315-329.	2.5	36
36	The effect of climate factors on the size of forest wildfires (case study: Prague-East district, Czech) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.6	5