

**doc. Ing. Ivana Tomášková, Ph.D.**

**Přehled publikační činnosti v časopisech s IF**

1. Impact of clear and cloudy sky conditions on the vertical distribution of photosynthetic CO<sub>2</sub> uptake within a spruce canopy  
Authors: Urban, Otmar; Klem, Karel; Ac, Alexander; Havrankova, Katerina; Holisova, Petra; Navratil, Martin; Zitova, Martina; Kozlova, Klara; Pokorny, Radek; Srtova, Mirka; Tomaskova, Ivana; Spunda, Vladimir; Grace, John  
Source Title: FUNCTIONAL ECOLOGY  
Publication Date: FEB 2012  
Publication Year: 2012  
Volume: 26  
Issue: 1  
Beginning Page: 46  
Ending Page: 55  
DOI: 10.1111/j.1365-2435.2011.01934.x  
Total Citations: 129  
kvartil: Q1
  
2. Assessing inter- and intraspecific variability of xylem vulnerability to embolism in oaks  
Authors: Lobo, Albin; Torres-Ruiz, Jose M.; Burrett, Regis; Lemaire, Cedric; Parise, Camille; Francioni, Claire; Truffaut, Laura; Tomaskova, Ivana; Hansen, Jon Kehlet; Kjaer, Erik Dahl; Kremer, Antoine; Delzon, Sylvain  
Source Title: FOREST ECOLOGY AND MANAGEMENT  
Publication Date: SEP 15 2018  
Publication Year: 2018  
Volume: 424  
Issue:  
Beginning Page: 53  
Ending Page: 61  
DOI: 10.1016/j.foreco.2018.04.031  
Total Citations: 99  
kvartil: Q1
  
3. Rare earth elements in plants  
Authors: Kovarikova, M.; Tomaskova, I.; Soudek, P.  
Source Title: BIOLOGIA PLANTARUM  
Publication Date: 2019  
Publication Year: 2019  
Volume: 63  
Issue:

Beginning Page: 20  
Ending Page: 32  
DOI: 10.32615/bp.2019.003  
Total Citations: 66  
kvartil: Q1

4. Xylem resistance to embolism: presenting a simple diagnostic test for the open vessel artefact  
Authors: Torres-Ruiz, Jose M.; Cochard, Herve; Choat, Brendan; Jansen, Steven; Lopez, Rosana; Tomaskova, Ivana; Padilla-Diaz, Carmen M.; Badel, Eric; Burlett, Regis; King, Andrew; Lenoir, Nicolas; Martin-StPaul, Nicolas K.; Delzon, Sylvain  
Source Title: NEW PHYTOLOGIST  
Publication Date: JUL 2017  
Publication Year: 2017  
Volume: 215  
Issue: 1  
Beginning Page: 489  
Ending Page: 499  
DOI: 10.1111/nph.14589  
Total Citations: 58  
kvartil: Q2
5. Comparison of photosynthetic induction and transient limitations during the induction phase in young and mature leaves from three poplar clones  
Authors: Urban, Otmar; Sptova, Mirka; Kosvancova, Martina; Tomaskova, Ivana; Lichtenthaler, Hartmut K.; Marek, Michal V.  
Source Title: TREE PHYSIOLOGY  
Publication Date: AUG 2008  
Publication Year: 2008  
Volume: 28  
Issue: 8  
Beginning Page: 1189  
Ending Page: 1197  
DOI: 10.1093/treephys/28.8.1189  
Total Citations: 44  
kvartil: Q1
6. Effect of Different Soil Treatments with Hydrogel on the Performance of Drought-Sensitive and Tolerant Tree Species in a Semi-Arid Region  
Authors: Tomaskova, Ivana; Svatos, Michal; Macku, Jan; Vanicka, Hana; Resnerova, Karolina; Cepl, Jaroslav; Holusa, Jaroslav; Hosseini, Seyed Mohammad; Dohrenbusch, Achim

Source Title: FORESTS  
Publication Date: FEB 2020  
Publication Year: 2020  
Volume: 11  
Issue: 2  
Beginning Page:  
Ending Page:  
DOI: 10.3390/f11020211  
Total Citations: 35  
kvartil: Q1

7. Sucrose synthase determines carbon allocation in developing wood and alters carbon flow at the whole tree level in aspen

Authors: Dominguez, Pia Guadalupe; Donev, Evgeniy; Derba-Maceluch, Marta; Bunder, Anne; Hedenstrom, Mattias; Tomaskova, Ivana; Mellerowicz, Ewa J.; Niittyala, Totte

Source Title: NEW PHYTOLOGIST  
Publication Date: JAN 2021  
Publication Year: 2021  
Volume: 229  
Issue: 1  
Beginning Page: 186  
Ending Page: 198  
DOI: 10.1111/nph.16721  
Total Citations: 32  
kvartil: Q1

8. Photosynthetic induction in broadleaved *Fagus sylvatica* and coniferous *Picea abies* cultivated under ambient and elevated CO<sub>2</sub> concentrations

Authors: Kosvancova, M.; Urban, O.; Sprtova, M.; Hrstka, M.; Kalina, J.; Tomaskova, I.; Spunda, V.; Marek, M. V.

Source Title: PLANT SCIENCE  
Publication Date: AUG 2009  
Publication Year: 2009  
Volume: 177  
Issue: 2  
Beginning Page: 123  
Ending Page: 130  
DOI: 10.1016/j.plantsci.2009.04.005  
Total Citations: 30  
kvartil: Q1

9. Multi-actor perspectives on afforestation and reforestation strategies in Central Europe under climate change  
Authors: Hazarika, Reneema; Bolte, Andreas; Bednarova, Dagmar; Chakraborty, Debojyoti; Gaviria, Julian; Kanzian, Monika; Kowalczyk, Jan; Lackner, Magdalena; Lstiburek, Milan; Longauer, Roman; Nagy, Lazlo; Tomaskova, Ivana; Schueler, Silvio  
Source Title: ANNALS OF FOREST SCIENCE  
Publication Date: SEP 2021  
Publication Year: 2021  
Volume: 78  
Issue: 3  
Beginning Page:  
Ending Page:  
DOI: 10.1007/s13595-021-01044-5  
Total Citations: 25  
kvartil: Q1
10. Temporal variation and efficiency of leaf area index in young mountain Norway spruce stand  
Authors: Pokorny, R.; Tomaskova, I.; Havrankova, K.  
Source Title: EUROPEAN JOURNAL OF FOREST RESEARCH  
Publication Date: SEP 2008  
Publication Year: 2008  
Volume: 127  
Issue: 5  
Beginning Page: 359  
Ending Page: 367  
DOI: 10.1007/s10342-008-0212-z  
Total Citations: 25  
kvartil: Q1
11. Forest margins provide favourable microclimatic niches to swarming bark beetles, but Norway spruce trees were not attacked by Ips typographus shortly after edge creation in a field experiment  
Authors: Stribrska, Barbora; Hradecky, Jaromir; Cepl, Jaroslav; Tomaskova, Ivana; Jakus, Rastislav; Modlinger, Roman; Netherer, Sigrid; Jirosova, Anna  
Source Title: FOREST ECOLOGY AND MANAGEMENT  
Publication Date: FEB 15 2022  
Publication Year: 2022  
Volume: 506  
Issue:  
Beginning Page:

Ending Page:

DOI: 10.1016/j.foreco.2021.119950

Total Citations: 19

kvartil: Q1

12. Genetic variability and heritability of chlorophyll a fluorescence parameters in Scots pine (*Pinus sylvestris* L.)

Authors: Cepl, Jaroslav; Hola, Dana; Stejskal, Jan; Korecky, Jiri; Kocova, Marie; Lhotakova, Zuzana; Tomaskova, Ivana; Palovska, Marketa; Rothova, Olga; Whetten, Ross W.; Kanak, Jan; Albrechtova, Jana; Lstiburek, Milan

Source Title: TREE PHYSIOLOGY

Publication Date: JUL 2016

Publication Year: 2016

Volume: 36

Issue: 7

Beginning Page: 883

Ending Page: 895

DOI: 10.1093/treephys/tpw028

Total Citations: 18

kvartil: Q1

13. The impact of long-term CO<sub>2</sub> enrichment on sun and shade needles of Norway spruce (*Picea abies*): Photosynthetic performance, needle anatomy and phenolics accumulation

Authors: Lhotakova, Zuzana; Urban, Otmar; Dubankova, Marianna; Cvikrova, Milena; Tomaskova, Ivana; Kubinova, Lucie; Zvara, Karel; Marek, Michal V.; Albrechtova, Jana

Source Title: PLANT SCIENCE

Publication Date: JUN 2012

Publication Year: 2012

Volume: 188

Issue:

Beginning Page: 60

Ending Page: 70

DOI: 10.1016/j.plantsci.2012.02.013

Total Citations: 17

kvartil: Q1

14. Heritable variation in needle spectral reflectance of Scots pine (*Pinus sylvestris* L.) peaks in red edge

Authors: Cepl, Jaroslav; Stejskal, Jan; Lhotakova, Zuzana; Hola, Dana; Korecky, Jiri; Lstiburek, Milan; Tomaskova, Ivana; Kocova, Marie; Rothova, Olga; Palovska,

Marketa; Hejtmanek, Jakub; Krejzkova, Anna; Gezan, Salvador; Whetten, Ross;  
Albrechtova, Jana

Source Title: REMOTE SENSING OF ENVIRONMENT

Publication Date: DEC 15 2018

Publication Year: 2018

Volume: 219

Issue:

Beginning Page: 89

Ending Page: 98

DOI: 10.1016/j.rse.2018.10.001

Total Citations: 14

kvartil: Q1

15. Effect of Forest Edge Cutting on Transpiration Rate in *Picea abies* (L.) H. Karst.

Authors: Ozcelik, Mehmet S.; Tomaskova, Ivana; Surovy, Peter; Modlinger, Roman

Source Title: FORESTS

Publication Date: AUG 2022

Publication Year: 2022

Volume: 13

Issue: 8

Beginning Page:

Ending Page:

DOI: 10.3390/f13081238

Total Citations: 13

kvartil: Q1

16. Response of Norway spruce root system to elevated atmospheric CO<sub>2</sub> concentration

Authors: Pokorny, Radek; Tomaskova, Ivana; Marek, Michal V.

Source Title: ACTA PHYSIOLOGIAE PLANTARUM

Publication Date: JUN 2013

Publication Year: 2013

Volume: 35

Issue: 6

Beginning Page: 1807

Ending Page: 1816

DOI: 10.1007/s11738-013-1218-9

Total Citations: 13

kvartil: Q2

17. Sugar-based natural deep eutectic solvent ultrasound-assisted extraction for the determination of polyphenolic compounds from various botanical sources

Authors: Varfalvyova, Alica; Kalyniukova, Alina; Tomaskova, Ivana; Peskova, Vitezslava; Pastierovic, Filip; Jirosova, Anna; Resnerova, Karolina; Popelkova, Daniela; Andruch, Vasil

Source Title: MICROCHEMICAL JOURNAL

Publication Date: NOV 2023

Publication Year: 2023

Volume: 194

Issue:

Beginning Page:

Ending Page:

DOI: 10.1016/j.microc.2023.109249

Total Citations: 12

kvartil: Q1

18. Leaf turgor loss point at full hydration for 41 native and introduced tree and shrub species from Central Europe

Authors: Kunert, Norbert; Tomaskova, Ivana

Source Title: JOURNAL OF PLANT ECOLOGY

Publication Date: DEC 2020

Publication Year: 2020

Volume: 13

Issue: 6

Beginning Page: 754

Ending Page: 756

DOI: 10.1093/jpe/rtaa059

Total Citations: 12

kvartil: Q1

19. Near-distance imaging spectroscopy investigating chlorophyll fluorescence and photosynthetic activity of grassland in the daily course

Authors: Ac, Alexander; Malenovsky, Zbynek; Hanus, Jan; Tomaskova, Ivana;

Urban, Otmar; Marek, Michal V.

Source Title: FUNCTIONAL PLANT BIOLOGY

Publication Date: 2009

Publication Year: 2009

Volume: 36

Issue: 10-11

Beginning Page: 1006

Ending Page: 1015

DOI: 10.1071/FP09154

Total Citations: 12

kvartil: Q2

20. UAV Laser Scans Allow Detection of Morphological Changes in Tree Canopy  
Authors: Slavik, Martin; Kuzelka, Karel; Modlinger, Roman; Tomaskova, Ivana; Surovy, Peter  
Source Title: REMOTE SENSING  
Publication Date: NOV 2020  
Publication Year: 2020  
Volume: 12  
Issue: 22  
Beginning Page:  
Ending Page:  
DOI: 10.3390/rs12223829  
Total Citations: 11  
kvartil: Q2
21. Branch CO<sub>2</sub> efflux in vertical profile of Norway spruce tree  
Authors: Acosta, Manuel; Pavelka, Marian; Tomaskova, Ivana; Janous, Dalibor  
Source Title: EUROPEAN JOURNAL OF FOREST RESEARCH  
Publication Date: JUL 2011  
Publication Year: 2011  
Volume: 130  
Issue: 4  
Beginning Page: 649  
Ending Page: 656  
DOI: 10.1007/s10342-010-0456-2  
Total Citations: 9  
kvartil: Q1
22. Deep eutectic solvent-based shaking-assisted extraction for determination of bioactive compounds from Norway spruce roots  
Authors: Kalyniukova, Alina; Varfalvyova, Alica; Plotka-Wasyłka, Justyna; Majchrzak, Tomasz; Makos-Chelstowska, Patrycja; Tomaskova, Ivana; Peskova, Vitezslava; Pastierovic, Filip; Jirosova, Anna; Andruch, Vasil  
Source Title: FRONTIERS IN CHEMISTRY  
Publication Date: APR 2 2024  
Publication Year: 2024  
Volume: 12  
Issue:  
Beginning Page:  
Ending Page:  
DOI: 10.3389/fchem.2024.1385844  
Total Citations: 8  
kvartil: Q2

23. Derivative-based time-adjusted analysis of diurnal and within-tree variation in the OJIP fluorescence transient of silver birch

Authors: Akinyemi, Olusegun Olaitan; Cepl, Jaroslav; Keski-Saari, Sarita; Tomaskova, Ivana; Stejskal, Jan; Kontunen-Soppela, Sari; Keinanen, Markku

Source Title: PHOTOSYNTHESIS RESEARCH

Publication Date: SEP 2023

Publication Year: 2023

Volume: 157

Issue: 2-3

Beginning Page: 133

Ending Page: 146

DOI: 10.1007/s11120-023-01033-x

Total Citations: 8

kvartil: Q2

24. Development of a novel dispersive liquid-liquid microextraction for the determination of ergosterol in roots and various fungi samples

Authors: Kalyniukova, Alina; Tomaskova, Ivana; Peskova, Vitezslava; Pastierovic, Filip; Samek, Michal; Balogh, Jozsef

Source Title: MICROCHEMICAL JOURNAL

Publication Date: MAR 2022

Publication Year: 2022

Volume: 174

Issue:

Beginning Page:

Ending Page:

DOI: 10.1016/j.microc.2021.107095

Total Citations: 8

kvartil: Q1

25. Norway spruce ecotypes distinguished by chlorophyll a fluorescence kinetics

Authors: Tomaskova, Ivana; Pastierovic, Filip; Krejzkova, Anna; Cepl, Jaroslav; Hradecky, Jaromir

Source Title: ACTA PHYSIOLOGIAE PLANTARUM

Publication Date: JAN 18 2021

Publication Year: 2021

Volume: 43

Issue: 2

Beginning Page:

Ending Page:

DOI: 10.1007/s11738-020-03190-1

Total Citations: 8

kvartil: Q2

26. Element content and expression of genes of interest in guard cells are connected to spatiotemporal variations in stomatal conductance

Authors: Durand, Maxime; Cohen, David; Aubry, Nathalie; Bure, Cyril;

Tomaskova, Ivana; Hummel, Irene; Brendel, Oliver; Le Thiec, Didier

Source Title: PLANT CELL AND ENVIRONMENT

Publication Date: JAN 2020

Publication Year: 2020

Volume: 43

Issue: 1

Beginning Page: 87

Ending Page: 102

DOI: 10.1111/pce.13644

Total Citations: 8

kvartil: Q1

27. Physiological and biochemical indicators in Norway spruces freshly infested by *Ips typographus*: potential for early detection methods

Authors: Stribrska, Barbora; Hradecky, Jaromir; Cepl, Jaroslav; Modlinger,

Roman; Tomaskova, Ivana; Jirosova, Anna

Source Title: FRONTIERS IN FORESTS AND GLOBAL CHANGE

Publication Date: JUL 12 2023

Publication Year: 2023

Volume: 6

Issue:

Beginning Page:

Ending Page:

DOI: 10.3389/ffgc.2023.1197229

Total Citations: 7

kvartil: Q1

28. Sap flow as a function of variables within nested scales: ordinary least squares vs. spatial regression models

Authors: Zabihi, Khodabakhsh; Singh, Vivek Vikram; Trubin, Aleksei; Tomaskova, Ivana; Blazenec, Miroslav; Surovy, Peter; Jakus, Rastislav

Source Title: ENVIRONMENTAL RESEARCH

Publication Date: JUN 1 2023

Publication Year: 2023

Volume: 2

Issue: 2

Beginning Page:  
Ending Page:  
DOI: 10.1088/2752-664X/acd6ff  
Total Citations: 7  
kvartil: Q1

29. Impact of treated wastewater on plant growth: leaf fluorescence, reflectance, and biomass-based assessment

Authors: Ofori, Solomon; Abebrese, David Kwesi; Klement, Ales; Provaznik, Daniel; Tomaskova, Ivana; Ruzickova, Iveta; Wanner, Jiri  
Source Title: WATER SCIENCE AND TECHNOLOGY  
Publication Date: APR 1 2024  
Publication Year: 2024  
Volume: 89  
Issue: 7  
Beginning Page: 1647  
Ending Page: 1664  
DOI: 10.2166/wst.2024.097  
Total Citations: 6  
kvartil: Q3

30. Response of *Alnus glutinosa* to Phytophthora bark infections at ambient and elevated CO<sub>2</sub> levels

Authors: Machacova, Marketa; Tomaskova, Ivana; Corcobado, Tamara; Nagy, Zoltan; Milanovic, Slobodan; Janousek, Josef; Peskova, Vitezslava; Cepl, Jaroslav; Gezan, Salvador; Nakladal, Oto; Zumr, Vaclav; Kalyniukova, Alina; Milenkovic, Ivan; Jung, Thomas  
Source Title: FRONTIERS IN FORESTS AND GLOBAL CHANGE  
Publication Date: APR 17 2024  
Publication Year: 2024  
Volume: 7  
Issue:  
Beginning Page:  
Ending Page:  
DOI: 10.3389/ffgc.2024.1379791  
Total Citations: 5  
kvartil: Q1

31. Trehalose determination in Norway spruce (*Picea abies*) roots. Analytics matters

Authors: Sulc, Miloslav; Tomaskova, Ivana; Krejzkova, Anna; Samek, Michal; Diuzheva, Alina; Hradecky, Jaromir; Peskova, Vitezslava  
Source Title: METHODS X

Publication Date: 2021  
Publication Year: 2021  
Volume: 8  
Issue:  
Beginning Page:  
Ending Page:  
DOI: 10.1016/j.mex.2021.101280  
Total Citations: 5  
kvartil: Q2

32. Fine roots of *Picea abies* compensate for drought stress in the rainfall reduction experiment

Authors: Lorenc, Frantisek; Peskova, Vitezslava; Modlinger, Roman; Mrnka, Libor; Tomaskova, Ivana; Senfeld, Petr; Turcani, Marek  
Source Title: DENDROBIOLOGY  
Publication Date: 2018  
Publication Year: 2018  
Volume: 80  
Issue:  
Beginning Page: 91  
Ending Page: 100  
DOI: 10.12657/denbio.080.009  
Total Citations: 5  
kvartil: Q2

33. TESTING OF HYBRID PROGENIES AND VARIOUS SPECIES OF GENUS *Abies* FOR FORESTRY, DECORATING HORTICULTURE AND CHRISTMAS TREE PRODUCTION

Authors: Kobliha, Jaroslav; Stejskal, Jan; Lstiburek, Milan; Typta, Jan; Tomaskova, Ivana; Jakubuv, Pavel  
Source Title: ACTA SCIENTIARUM POLONORUM-HORTORUM CULTUS  
Publication Date: 2013  
Publication Year: 2013  
Volume: 12  
Issue: 4  
Beginning Page: 85  
Ending Page: 94  
DOI:  
Total Citations: 5  
kvartil: Q4

34. The effects of elevated atmospheric CO<sub>2</sub> on Norway spruce needle parameters

Authors: Pokorny, R.; Tomaskova, I.; Marek, M. V.

Source Title: ACTA PHYSIOLOGIAE PLANTARUM  
Publication Date: NOV 2011  
Publication Year: 2011  
Volume: 33  
Issue: 6  
Beginning Page: 2269  
Ending Page: 2277  
DOI: 10.1007/s11738-011-0766-0  
Total Citations: 5  
kvartil: Q2

35. Biochemical Responses in *Populus tremula*: Defending against Sucking and Leaf-Chewing Insect Herbivores

Authors: Pastierovic, Filip; Kalyniukova, Alina; Hradecky, Jaromir; Dvorak, Ondrej; Vitamvas, Jan; Mogilicherla, Kanakachari; Tomaskova, Ivana

Source Title: PLANTS-BASEL

Publication Date: MAY 2024

Publication Year: 2024

Volume: 13

Issue: 9

Beginning Page:

Ending Page:

DOI: 10.3390/plants13091243

Total Citations: 4

kvartil: Q1

36. *Gemmamyces piceae* Bud Blight Damage in Norway Spruce (*Picea abies*) and Colorado Blue Spruce (*Picea pungens*) Forest Stands

Authors: Samek, Michal; Modlinger, Roman; Bat'a, Daniel; Lorenc, Frantisek; Vachova, Jana; Tomaskova, Ivana; Peskova, Vitezslava

Source Title: FORESTS

Publication Date: FEB 2022

Publication Year: 2022

Volume: 13

Issue: 2

Beginning Page:

Ending Page:

DOI: 10.3390/f13020164

Total Citations: 3

kvartil: Q1

37. The Effect of Air Elevated CO<sub>2</sub> on Crown Architecture and Aboveground Biomass in Norway Spruce (*Picea Abies* (L.) Karst)  
Authors: Pokorny, Radek; Tomaskova, Ivana; Slipkova, Romana  
Source Title: BALTIC FORESTRY  
Publication Date: 2012  
Publication Year: 2012  
Volume: 18  
Issue: 1  
Beginning Page: 2  
Ending Page: 11  
DOI:  
Total Citations: 3  
kvartil: Q4
38. Genome-Wide Transcriptomic and Metabolomic Analyses Unveiling the Defence Mechanisms of *Populus tremula* against Sucking and Chewing Insect Herbivores  
Authors: Pastierovic, Filip; Mogilicherla, Kanakachari; Hradecky, Jaromir; Kalyniukova, Alina; Dvorak, Ondrej; Roy, Amit; Tomaskova, Ivana  
Source Title: INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES  
Publication Date: JUN 2024  
Publication Year: 2024  
Volume: 25  
Issue: 11  
Beginning Page:  
Ending Page:  
DOI: 10.3390/ijms25116124  
Total Citations: 2  
kvartil: Q2
39. Potential of hydrogel treatment in forest regeneration: impact on growth and vitality of Central European tree species  
Authors: Tomaskova, Ivana; Resnerova, Karolina; Trombik, Jiri; Blaha, Jaromir; Pastierovic, Filip; Macku, Jan  
Source Title: FRONTIERS IN FORESTS AND GLOBAL CHANGE  
Publication Date: NOV 28 2023  
Publication Year: 2023  
Volume: 6  
Issue:  
Beginning Page:  
Ending Page:  
DOI: 10.3389/ffgc.2023.1251041

Total Citations: 2

kvartil: Q1

40. Addressing the altitudinal and geographical gradient in European beech via photosynthetic parameters: a case study on Calabrian beech transplanted to Denmark

Authors: Provaznik, Daniel; Stejskal, Jan; Hansen, Ole Kim; Cepl, Jaroslav; Erichsen, Eva Roland; Hansen, Jon Kehlet; Zadrapova, Dagmar; Tomaskova, Ivana  
Source Title: FRONTIERS IN FORESTS AND GLOBAL CHANGE

Publication Date: JUL 24 2024

Publication Year: 2024

Volume: 7

Issue:

Beginning Page:

Ending Page:

DOI: 10.3389/ffgc.2024.1369464

Total Citations: 1

kvartil: Q1

41. Impact of technical water retention on European beech (*Fagus sylvatica* L.) resilience and growth dynamics

Authors: Vacek, Zdenek; Tomaskova, Ivana; Fuchs, Zdenek; Simunek, Vaclav; Vacek, Stanislav; Cukor, Jan; Bilek, Lukas; Gallo, Josef; Zlatuska, Karel; Duchan, Martin

Source Title: JOURNAL OF FOREST SCIENCE

Publication Date: 2025

Publication Year: 2025

Volume: 71

Issue: 3

Beginning Page: 124

Ending Page: 137

DOI: 10.17221/92/2024-JFS

Total Citations: 0

kvartil: Q3

42. Day-to-day variation in chlorophyll fluorescence parameters of northern and southern silver birch in a common garden

Authors: Akinyemi, Olusegun Olaitan; Cepl, Jaroslav; Keski-Saari, Sarita; Stejskal, Jan; Tomaskova, Ivana; Keinaenen, Markku; Kontunen-Soppela, Sari

Source Title: JOURNAL OF FORESTRY RESEARCH

Publication Date: DEC 28 2024

Publication Year: 2024

Volume: 36  
Issue: 1  
Beginning Page:  
Ending Page:  
DOI: 10.1007/s11676-024-01814-7  
Total Citations: 0  
kvartil: Q1

43. Time is of the essence: unveiling the rapid response of Populus to insect feeding

Authors: Pastierovic, Filip; Cepl, Jaroslav; Kalyniukova, Alina; Mogilicherla, Kanakachari; Hradecky, Jaromir; Blaha, Jaromir; Tomaskova, Ivana

Source Title: FRONTIERS IN FORESTS AND GLOBAL CHANGE

Publication Date: JUN 4 2024

Publication Year: 2024

Volume: 7

Issue:

Beginning Page:

Ending Page:

DOI: 10.3389/ffgc.2024.1376465

Total Citations: 0

kvartil: Q1

44. Derivative-based time-adjusted analysis of diurnal and within-tree variation in the OJIP fluorescence transient of silver birch (vol 157, pg 133, 2023)

Authors: Akinyemi, Olusegun Olaitan; Cepl, Jaroslav; Keski-Saari, Sarita; Tomaskova, Ivana; Stejskal, Jan; Kontunen-Soppela, Sari; Keinanen, Markku

Source Title: PHOTOSYNTHESIS RESEARCH

Publication Date: DEC 2023

Publication Year: 2023

Volume: 158

Issue: 3

Beginning Page:

Ending Page:

DOI: 10.1007/s11120-023-01050-w

Total Citations: 0

kvartil: Q2

45. Multi-actor perspectives on afforestation and reforestation strategies in Central Europe under climate change (vol 78, 60, 2021)

Authors: Hazarika, Reneema; Bolte, Andreas; Bednarova, Dagmar; Chakraborty, Debojyoti; Gaviria, Julian; Kanzian, Monika; Kowalczyk, Jan; Lackner, Magdalena; Lstiburek, Milan; Longauer, Roman; Nagy, Lazlo; Tomaskova, Ivana; Schueler,

Silvio

Source Title: ANNALS OF FOREST SCIENCE

Publication Date: SEP 2021

Publication Year: 2021

Volume: 78

Issue: 3

Beginning Page:

Ending Page:

DOI: 10.1007/s13595-021-01088-7

Total Citations: 0

kvartil: Q1

46. Birds girdling activity on exotic tree species as a form of adaptive behavior?

Authors: Tomaskova, Ivana; Bazant, Vaclav; Bleha, Roman; Vitamvas, Jan;  
Delzon, Sylvain; Stastny, Karel; Vackar, Jiri

Source Title: CONTEMPORARY PROBLEMS OF ECOLOGY

Publication Date: MAR 2017

Publication Year: 2017

Volume: 10

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DOI: 10.1134/S1995425517020135

Total Citations: 0

kvartil: Q4

