

# Miloslav Linda

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8499365/publications.pdf>

Version: 2024-02-01

13  
papers

110  
citations

1478505

6  
h-index

1281871

11  
g-index

13  
all docs

13  
docs citations

13  
times ranked

92  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Wear modelling of soil ripper tine in sand and sandy clay by discrete element method. Biosystems Engineering, 2019, 188, 305-319.   | 4.3 | 22        |
| 2  | Sensitivity analysis of the influence of particle dynamic friction, rolling resistance and volume/shear work ratio on wear loss and friction force using DEM model of dry sand rubber wheel test. Tribology International, 2021, 156, 106853. | 5.9 | 22        |
| 3  | Stress distribution on a soil tillage machine frame segment with a chisel shank simulated using discrete element and finite element methods and validate by experiment. Biosystems Engineering, 2021, 209, 125-138.                           | 4.3 | 19        |
| 4  | Isotopic tracing of the outflow during artificial rain-on-snow event. Journal of Hydrology, 2016, 541, 1145-1154.   | 5.4 | 13        |
| 5  | Influence of Abrasive - Free Ultrasonic Finishing Process of Steel on Wear. Manufacturing Technology, 2016, 16, 4-12.   | 1.4 | 9         |
| 6  | The effect of microstructure on abrasive wear of steel. IOP Conference Series: Materials Science and Engineering, 2017, 237, 012040.  | 0.6 | 6         |
| 7  | Exploitation of Hazelnut (Corylus avellana) Shell Waste in the Form of Polymerâ€“Particle Biocomposite. Scientia Agriculturae Bohemica, 2018, 49, 53-59.  | 0.3 | 6         |
| 8  | THE CHARACTERISTICS OF Al-Si COATING ON STEEL 22MnB5 DEPENDING ON THE HEAT TREATMENT. Acta Polytechnica, 2019, 59, 352-358.   | 0.6 | 5         |
| 9  | Research on water jet cutting of composites based on epoxy/microparticles from coconut shell. MATEC Web of Conferences, 2018, 244, 02001.   | 0.2 | 3         |
| 10 | Evaluation of Mechanical Properties of Samples Printed by FDM Method. Manufacturing Technology, 2014, 14, 56-60.  | 1.4 | 3         |
| 11 | Modelling of the Anisothermal Phase Transformation of Austenite by Electromagnetic Sensor. Applied Mechanics and Materials, 2014, 616, 44-51.   | 0.2 | 2         |
| 12 | Application of 3D cameras in agriculture when evaluating the quality of soil tillage. Research in Agricultural Engineering, 2016, 62, 39-49.  | 1.0 | 0         |
| 13 | Profilography and analysis of surface structures of materials. , 2017, , .  |     | 0         |