

# Matjaž ¾ Å raml

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2700245/publications.pdf>

Version: 2024-02-01

20  
papers

397  
citations

759055

12  
h-index

839398

18  
g-index

21  
all docs

21  
docs citations

21  
times ranked

322  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Travel time models for automated warehouses with aisle transferring storage and retrieval machine. European Journal of Operational Research, 2010, 205, 571-583.  | 3.5 | 62        |
| 2  | Calibration of microsimulation traffic model using neural network approach. Expert Systems With Applications, 2013, 40, 5965-5974.  | 4.4 | 53        |
| 3  | Elevated temperature low cycle fatigue of grey cast iron used for automotive brake discs. Engineering Failure Analysis, 2014, 42, 221-230.  | 1.8 | 50        |
| 4  | Low cycle fatigue of nodular cast iron used for railway brake discs. Engineering Failure Analysis, 2011, 18, 1424-1434.   | 1.8 | 42        |
| 5  | Analytical travel time models for multi aisle automated storage and retrieval systems. International Journal of Advanced Manufacturing Technology, 2006, 30, 340-356.   | 1.5 | 35        |
| 6  | Simulation analysis of mini-load multi-shuttle automated storage and retrieval systems. International Journal of Advanced Manufacturing Technology, 2011, 54, 337-348.  | 1.5 | 23        |
| 7  | An examination of the construct and predictive validity of the self-reported speeding behavior model. Accident Analysis and Prevention, 2017, 99, 66-76.  | 3.0 | 23        |
| 8  | Traffic safety analysis of powered two-wheelers (PTWs) in Slovenia. Accident Analysis and Prevention, 2012, 49, 36-43.  | 3.0 | 18        |
| 9  | Pedestrian safety at roundabouts: Their crossing and glance behavior in the interaction with vehicular traffic. Accident Analysis and Prevention, 2021, 159, 106290.  | 3.0 | 17        |
| 10 | Computer-aided analysis of the forging process. International Journal of Advanced Manufacturing Technology, 2004, 23, 161-168.  | 1.5 | 13        |
| 11 | Low cycle fatigue behaviour of ductile aluminium alloys using the inelastic energy approach. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 800, 140385. | 2.6 | 13        |
| 12 | Safety Analysis of Young Pedestrian Behavior at Signalized Intersections: An Eye-Tracking Study. Sustainability, 2021, 13, 4419.  | 1.6 | 12        |
| 13 | Neural Networks Applied to Microsimulation: A Prediction Model for Pedestrian Crossing Time. Sustainability, 2020, 12, 5355.  | 1.6 | 11        |
| 14 | Experimental and Numerical Determination of the Mechanical Properties of Spruce Wood. Forests, 2019, 10, 1140.  | 0.9 | 9         |
| 15 | Designing Unit Load Automated Storage and Retrieval Systems. , 2012, , 211-231.   |     | 4         |
| 16 | An Eye-Tracking Study on the Effect of Different Signalized Intersection Typologies on Pedestrian Performance. Sustainability, 2022, 14, 2112.  | 1.6 | 4         |
| 17 | ANALYSIS OF NEURAL NETWORK RESPONSES IN CALIBRATION OF MICROSIMULATION TRAFFIC MODEL. E-GFOS, 2015, 6, 67-76.   | 0.2 | 3         |
| 18 | Pedestrian safety at roundabouts: a comparison of the behavior in Italy and Slovenia. Transportation Research Procedia, 2022, 60, 528-535.  | 0.8 | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Measures for Improving Powered Two-Wheelers Ridersâ€™ Traffic Safety on Slovenian Roads. Procedia, Social and Behavioral Sciences, 2012, 53, 645-654. | 0.5 | 1         |
| 20 | University of Maribor, Faculty of Civil Engineering, Transportation Engineering and Architecture. , 2018, , .   |     | 0         |