

# Markus Burkhardt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11021055/publications.pdf>

Version: 2024-02-01

9  
papers

40  
citations

1937685  
4  
h-index

1720034  
7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

27  
citing authors

| # | ARTICLE   | IF  | CITATIONS |
|---|---|-----|-----------|
| 1 | End-effector trajectory tracking of flexible link parallel robots using servo constraints. <i>Multibody System Dynamics</i> , 2022, 56, 1-28.   | 2.7 | 3         |
| 2 | Control concepts for a parallel manipulator with flexible links. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2016, 16, 819-820.   | 0.2 | 4         |
| 3 | Active damping control for an underactuated multibody system. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2015, 15, 49-50.  | 0.2 | 2         |
| 4 | Friction compensation, gain scheduling and curvature control for a flexible parallel kinematics robot. , 2015, , .  |     | 2         |
| 5 | A Comprehensive Fuzzy Uncertainty Analysis of a Controlled Nonlinear System With Unstable Internal Dynamics. <i>ASCE-ASME Journal of Risk and Uncertainty in Engineering Systems, Part B: Mechanical Engineering</i> , 2015, 1, . | 1.1 | 5         |
| 6 | Experimental studies of control concepts for a parallel manipulator with flexible links. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 2685-2691.   | 1.5 | 17        |
| 7 | Sensitivity Computation for Uncertain Dynamical Systems Using High-dimensional Model Representation and Hierarchical Grids. <i>Procedia IUTAM</i> , 2015, 13, 127-137.  | 1.2 | 3         |
| 8 | Aspects of Symbolic Formulations in Flexible Multibody Systems. <i>Journal of Computational and Nonlinear Dynamics</i> , 2014, 9, .   | 1.2 | 4         |
| 9 | Simulation and feed-forward control of a flexible parallel manipulator. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2011, 11, 39-40.  | 0.2 | 0         |