

# Dominik Kaserer

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5061232/publications.pdf>

Version: 2024-02-01

7  
papers

59  
citations

1937685

4  
h-index

1872680

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

38  
citing authors

| # | ARTICLE  | IF   | CITATIONS |
|---|--|------|-----------|
| 1 | Time-optimal robotic manipulation on a predefined path of loosely placed objects: Modeling and experiment. <i>Mechatronics</i> , 2022, 84, 102753.                               | 3.3  | 10        |
| 2 | Time Optimal Motion Planning and Admittance Control for Cooperative Grasping. <i>IEEE Robotics and Automation Letters</i> , 2020, 5, 2216-2223.                                  | 5.1  | 12        |
| 3 | Nearly Optimal Path Following With Jerk and Torque Rate Limits Using Dynamic Programming. <i>IEEE Transactions on Robotics</i> , 2019, 35, 521-528.                              | 10.3 | 24        |
| 4 | A task space admittance control algorithm for safe human robot interaction. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2018, 18, e201800096.                      | 0.2  | 1         |
| 5 | Online Robot-Object Synchronization With Geometric Constraints and Limits on Velocity, Acceleration, and Jerk. <i>IEEE Robotics and Automation Letters</i> , 2018, 3, 3169-3176. | 5.1  | 5         |
| 6 | Spatial impedance control of two cooperative industrial manipulators. <i>Proceedings in Applied Mathematics and Mechanics</i> , 2016, 16, 61-62.                                 | 0.2  | 1         |
| 7 | Admittance control of a redundant industrial manipulator without using force/torque sensors. , 2016, , .   |      | 6         |