

# Andre Stollenwerk

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6795621/publications.pdf>

Version: 2024-02-01

16  
papers

62  
citations

1684188

5  
h-index

1720034

7  
g-index

19  
all docs

19  
docs citations

19  
times ranked

50  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | Automatic Control of Venous Extracorporeal Lung Assist. Artificial Organs, 2016, 40, 992-998.  | 1.9 | 12        |
| 2  | Algorithmic surveillance of ICU patients with acute respiratory distress syndrome (ASIC): protocol for a multicentre stepped-wedge cluster randomised quality improvement strategy. BMJ Open, 2021, 11, e045589. | 1.9 | 9         |
| 3  | Automatic calibration of a scanner-based laser welding system. Journal of Laser Applications, 2009, 21, 10-15.   | 1.7 | 6         |
| 4  | A physiological model for extracorporeal oxygenation controller design. , 2010, 2010, 434-7.   |     | 6         |
| 5  | ROBUST CONTROL OF END-TIDAL CO <sub>2</sub> USING THE H <sub>∞</sub> LOOP-SHAPING APPROACH. Acta Polytechnica, 2013, 53, 895-900.  | 0.6 | 6         |
| 6  | An undergraduate embedded software laboratory for the masses. , 2009, , .  |     | 5         |
| 7  | Automatisierung und Fehlerdiagnose bei der extrakorporalen Membranoxygenierung. Automatisierungstechnik, 2010, 58, 277-285.  | 0.8 | 5         |
| 8  | A modular, robust and open source microcontroller platform for broad educational usage. , 2010, , .  |     | 4         |
| 9  | Physiological closed-loop control of mechanical ventilation and extracorporeal membrane oxygenation. Biomedizinische Technik, 2017, 62, 199-212.   | 0.8 | 3         |
| 10 | Decentralized safety concept for closed-loop controlled intensive care. Biomedizinische Technik, 2017, 62, 213-223.  | 0.8 | 2         |
| 11 | Analyzing Embedded Systems Code for Mixed-Critical Systems Using Hybrid Memory Representations. , 2011, , .  |     | 1         |
| 12 | Model-based supervision of a blood pump. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2014, 47, 6593-6598.   | 0.4 | 1         |
| 13 | Mock loop for bubble generation in a centrifugal blood pump for fault simulation. Current Directions in Biomedical Engineering, 2018, 4, 33-36.  | 0.4 | 0         |
| 14 | Pulsatile Ansteuerung einer Diagonalblutpumpe. Atp Magazin, 2015, 57, 52.  | 0.5 | 0         |
| 15 | A Remote Test Environment for a Large-Scale Microcontroller Laboratory Course. Lecture Notes in Computer Science, 2020, , 231-246.   | 1.3 | 0         |
| 16 | An Embedded Graduate Lab Course with Spirit. Lecture Notes in Computer Science, 2020, , 247-263.   | 1.3 | 0         |