

# Tomasz Dziwiński

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1019197/publications.pdf>

Version: 2024-02-01

15  
papers

231  
citations

1478505

6  
h-index

1588992

8  
g-index

18  
all docs

18  
docs citations

18  
times ranked

116  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Time-domain Oustaloup approximation. , 2015, , .  |     | 42        |
| 2  | A Novel Approach of an Absolute Encoder Coding Pattern. IEEE Sensors Journal, 2015, 15, 397-401.  | 4.7 | 42        |
| 3  | Robust non-integer order controller for air heater. , 2014, , .   |     | 19        |
| 4  | Impulse response approximation method for bi-fractional filter. , 2014, , .   |     | 18        |
| 5  | Applications of Direct Lyapunov Method in Caputo Non-Integer Order Systems. Elektronika Ir Elektrotechnika, 2015, 21, .   | 0.8 | 15        |
| 6  | Discretisation of different non-integer order system approximations. , 2014, , .  |     | 14        |
| 7  | Parametric optimization of PD <sup>λ</sup> controller using Laguerre function approximation. , 2015, , .  |     | 12        |
| 8  | Bi-fractional filters, part 2: Right half-plane case. , 2014, , .   |     | 11        |
| 9  | Impulse Response Approximation Method for $\alpha$ -Fractional Order Lag $\alpha$ . Lecture Notes in Electrical Engineering, 2015, , 113-122.                                       | 0.4 | 11        |
| 10 | On the practical implementation of non-integer order filters. , 2015, , .   |     | 10        |
| 11 | Comparison of Performance Indices for Tuning of PI <sup>λ</sup> D <sup>μ</sup> Controller for Magnetic Levitation System. Lecture Notes in Electrical Engineering, 2015, , 125-133. | 0.4 | 10        |
| 12 | Stabilisation of magnetic levitation with a PI <sup>λ</sup> D <sup>μ</sup> controller. , 2015, , .  |     | 5         |
| 13 | Simulational analysis of non-integer order system behaviour under relay control. , 2014, , .  |     | 2         |
| 14 | Lyapunov Direct Method for Non-integer Order Systems. Lecture Notes in Electrical Engineering, 2015, , 221-228.   | 0.4 | 2         |
| 15 | Unintended Synchronisation Between Rotational Speed and PWM Frequency in a PM BLDC Drive Unit. , 2018, , .  |     | 1         |