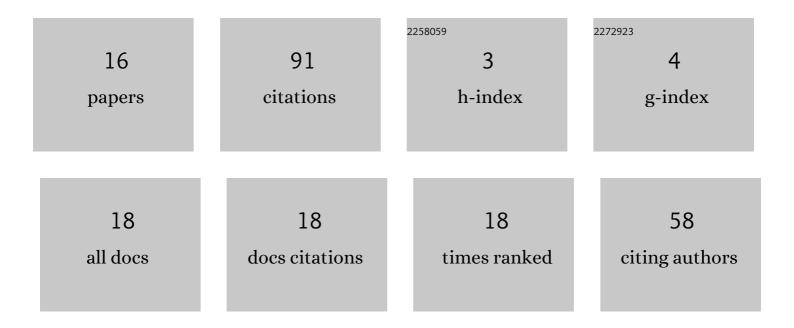
## Lukasz Jan Niewiara

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | State Feedback Speed Control with Periodic Disturbances Attenuation for PMSM Drive. Energies, 2022, 15, 587.   | 3.1 | 10        |
| 2  | Identification of mechanical parameters in servo-drive system. , 2021, , .   |     | 9         |
| 3  | Application of load torque observer for ground quality identification in a wheeled mobile robot. , 2021, , .   |     | 0         |
| 4  | Gain-Scheduled State Feedback Speed Control of Synchronous Reluctance Motor. , 2021, , .   |     | 5         |
| 5  | Operating analysis of SiC DC/DC power converter for synchronous and asynchronous modulation. , 2021, , .   |     | 0         |
| 6  | Artificial Neural Network-Based Gain-Scheduled State Feedback Speed Controller for Synchronous<br>Reluctance Motor. Power Electronics and Drives, 2021, 6, 276-288.          | 0.9 | 3         |
| 7  | Local Path Planning for Autonomous Mobile Robot Based on APF-BUG Algorithm with Ground Quality<br>Indicator. Advances in Intelligent Systems and Computing, 2020, , 979-990. | 0.6 | 8         |
| 8  | Application of State Feedback Controller with Feedforward for velocity ripples reduction of PMSM drive at low speed operation. , 2019, , .                                   |     | 2         |
| 9  | Gainâ€scheduled constrained state feedback control of DC–DC buck power converter. IET Power<br>Electronics, 2018, 11, 735-743.   | 2.1 | 12        |
| 10 | Jednofazowy mostkowy przeksztaÅ,tnik DC-AC z tranzystorami GaN GIT. Przeglad Elektrotechniczny,<br>2018, 1, 113-117.   | 0.2 | 0         |
| 11 | DC-DC power converter with Galium Nitride Gate Injection Transistors. , 2017, , .  |     | 2         |
| 12 | Application of DC/DC/AC dual voltage source inverter for current harmonics reduction in PMSM drive. , 2017, , .  |     | 8         |
| 13 | Constrained state feedback control of DC-DC power converter based on model predictive approach. , 2016, , .  |     | 6         |
| 14 | DC-DC converter based on silicon carbide (SiC) power devices with P+ based current controller.<br>Przeglad Elektrotechniczny, 2016, 1, 20-26.                                | 0.2 | 0         |
| 15 | 9 kW SiC MOSFET based DC/DC converter. , 2015, , .   |     | 4         |
| 16 | Torque ripple minimization for PMSM using voltage matching circuit and neural network based adaptive state feedback control. , 2014, , .                                     |     | 15        |