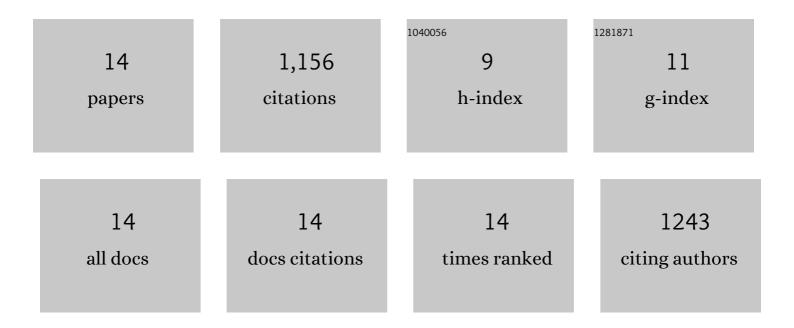
Kurt Stockman

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Self-learning current optimizing control for conventional stepping motor drive technique based on step pulses. Transactions of the Institute of Measurement and Control, 2022, 44, 687-699. | 1.7 | 1 |
| 2 | Improved dynamic behaviour of a sensorless stepping motor load angle estimator based on Transfer Function Analyzer technique. , 2021, , . | | 0 |
| 3 | Online Tracking of Varying Inertia using a SDFT Approach. Mechatronics, 2020, 68, 102361. | 3.3 | 10 |
| 4 | Optimal Load Angle Learning Algorithm for Sensorless Closed-Loop Stepping Motor Control. , 2019, , . | | 3 |
| 5 | Automatic tuning of predictive control in a hydrostatic drive train system in nominal operation. , 2019, , . | | 0 |
| 6 | Current Reduction in Stepping Motor Applications using an Adaptive PI controller based on Linearized Dynamics ⎠âŽResearch funded by a PhD grant of the Research Foundation Flanders (FWO), Belgium. IFAC-PapersOnLine, 2018, 51, 107-112. | 0.9 | 3 |
| 7 | Energyâ€efficient sensorless load angle control of a BLDC motor using sinusoidal currents. IET Electric Power Applications, 2018, 12, 1378-1389. | 1.8 | 21 |
| 8 | Load angle estimation for dynamic stepping motor motion applications. Mechatronics, 2018, 53, 229-240. | 3.3 | 15 |
| 9 | Sensorless load angle control for two-phase hybrid stepper motors. Mechatronics, 2017, 43, 6-17. | 3.3 | 23 |
| 10 | Convolutional Neural Network Based Fault Detection for Rotating Machinery. Journal of Sound and Vibration, 2016, 377, 331-345. | 3.9 | 892 |
| 11 | Online Identification of a Mechanical System in Frequency Domain Using Sliding DFT. IEEE Transactions on Industrial Electronics, 2016, 63, 5712-5723. | 7.9 | 38 |
| 12 | Thermal image based fault diagnosis for rotating machinery. Infrared Physics and Technology, 2015, 73, 78-87. | 2.9 | 106 |
| 13 | Load angle estimation for twoâ€phase hybrid stepping motors. IET Electric Power Applications, 2014, 8, 257-266. | 1.8 | 17 |
| 14 | The Efficiency of Hybrid Stepping Motors: Analyzing the Impact of Control Algorithms. IEEE Industry Applications Magazine, 2014, 20, 50-60. | 0.4 | 27 |