

# Dariusz Janiszewski

## List of Publications by Year in descending order

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17  
papers

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citations

1683354

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1473754

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18  
all docs

18  
docs citations

18  
times ranked

177  
citing authors

#	ARTICLE	IF	CITATIONS
1	Extended Kalman Filter Based Speed Sensorless PMSM Control with Load Reconstruction. Industrial Electronics Society (IECON ), Annual Conference of IEEE, 2006, , .	0.0	38
2	Sensorless Control of the Permanent Magnet Synchronous Motor. Sensors, 2019, 19, 3546.	2.1	32
3	Load torque estimation in sensorless PMSM drive using Unscented Kalmana Filter. , 2011, , .		23
4	A Fuzzy Unscented Kalman Filter in the Adaptive Control System of a Drive System with a Flexible Joint. Energies, 2020, 13, 2056.	1.6	20
5	Unscented and extended Kalman filters study for sensorless control of PM synchronous motors with load torque estimation. Bulletin of the Polish Academy of Sciences: Technical Sciences, 2013, 61, 793-801.	0.8	16
6	Load torque estimation for sensorless PMSM drive with output filter fed by PWM converter. , 2013, , .		11
7	Unscented Kalman Filter for sensorless PMSM drive with output filter fed by PWM converter. , 2012, , .		8
8	High Precision Automated Astronomical Mount. Advances in Intelligent Systems and Computing, 2020, , 299-315.	0.5	8
9	Real-time control of drive with elastic coupling based on motor position measured only. , 2011, , .		7
10	Sensorless control of PMSM drive with state and load torque estimation. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2007, 26, 1175-1187.	0.5	6
11	Application of fuzzy Kalman filter in adaptive control structure of two-mass system. , 2014, , .		6
12	Control of multi-mass system by on-line trained neural network based on Kalman filter. , 2015, , .		6
13	Sensorless control of Permanent Magnet Synchronous Motor based on Unscented Kalman Filter. , 2011, , .		3
14	Position Estimation at Zero Speed for PMSMs Using Artificial Neural Networks. Energies, 2021, 14, 8134.	1.6	3
15	Disturbance estimation for sensorless PMSM drive with Unscented Kalman Filter. , 2012, , .		2
16	Kalman filter sensor fusion for multi-head position encoder. , 2017, , .		2
17	Gearless Pedaling Electric Driven Tricycle. Lecture Notes in Electrical Engineering, 2015, , 411-421.	0.3	2