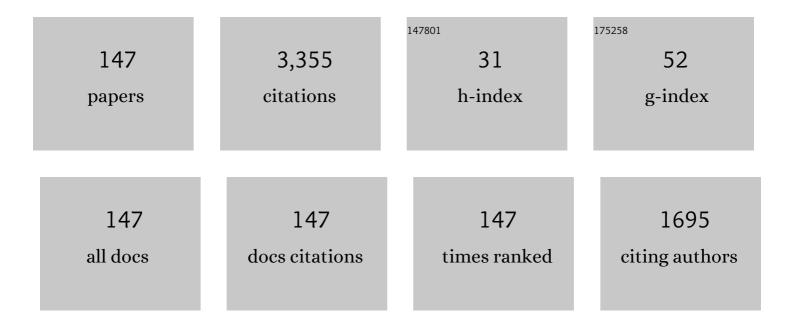
## David Diaz Reigosa

List of Publications by Year in descending order

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| #  | Article  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | A Simple Method for Identifying Mass Unbalance Using Vibration Measurement in Permanent Magnet<br>Synchronous Motors. IEEE Transactions on Industrial Electronics, 2022, 69, 6441-6444.                      | 7.9 | 17        |
| 2  | Airgap Search Coil Based Identification of PM Synchronous Motor Defects. IEEE Transactions on Industrial Electronics, 2022, 69, 6551-6560.   | 7.9 | 31        |
| 3  | Dq-Transformed Error and Current Sensing Error Effects on Self-Sensing Control. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2022, 10, 1935-1945.                                      | 5.4 | 4         |
| 4  | <i>D-</i> and <i>Q</i> -Axis Inductance Estimation and Self-Sensing Condition Monitoring Using<br>45\$^circ\$ Angle High-Frequency Injection. IEEE Transactions on Industry Applications, 2021, 57, 506-515. | 4.9 | 17        |
| 5  | Realizable Reference Antiwindup Implementation for Parallel Controller Structures. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 5055-5068.                                    | 5.4 | 3         |
| 6  | SynRM Sensorless Torque Estimation Using High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2021, 57, 6083-6092.   | 4.9 | 5         |
| 7  | Sensorless Control of Wound Rotor Synchronous Motors Based on Rotor High-Frequency Signal<br>Injection. IEEE Transactions on Industry Applications, 2021, 57, 6034-6043.                                     | 4.9 | 4         |
| 8  | Permanent Magnet Synchronous Machine Torque Estimation Using Low Cost Hall-Effect Sensors. IEEE<br>Transactions on Industry Applications, 2021, 57, 3735-3743.   | 4.9 | 7         |
| 9  | Improving Harmonic Rejection Capability of OSG Based on n-th Order Bandpass Filter for Single-Phase<br>System. IEEE Access, 2021, 9, 81728-81739.  | 4.2 | 6         |
| 10 | Online PI Current Controller Tuning Based on Machine High-Frequency Parameters. , 2021, , .  |     | 3         |
| 11 | Demagnetization Detection in PMSMs Using Search Coils Exploiting Machineâ $\in$ Ms Symmetry. , 2021, , .   |     | 1         |
| 12 | Use HF Signal Injection for Simultaneous Rotor Angle, Torque and Temperature Estimation in PMSMs. , 2021, , .  |     | 2         |
| 13 | Hall-Effect Sensors as Multipurpose Devices to Control, Monitor and Diagnose AC Permanent Magnet Synchronous Machines. , 2021, , .   |     | 1         |
| 14 | Accurate Rotor Speed Estimation for Low-Power Wind Turbines. IEEE Transactions on Power Electronics, 2020, 35, 373-381.  | 7.9 | 8         |
| 15 | Comparative Analysis of Magnet Thermal and Magnetization State Monitoring in PMSMs Based on<br>High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2020, 56, 344-357.               | 4.9 | 5         |
| 16 | Enhancement of Permanent-Magnet Synchronous Machines Torque Estimation Using Pulsating<br>High-Frequency Current Injection. IEEE Transactions on Industry Applications, 2020, 56, 358-366.                   | 4.9 | 21        |
| 17 | Battery Internal Resistance Estimation Using a Battery Balancing System Based on Switched<br>Capacitors. IEEE Transactions on Industry Applications, 2020, 56, 5363-5374.                                    | 4.9 | 18        |
| 18 | Resolver Emulation for PMSMs Using Low Cost Hall-Effect Sensors. IEEE Transactions on Industry<br>Applications, 2020, 56, 4977-4985.   | 4.9 | 4         |

| #  | Article  | IF  | CITATIONS |
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| 19 | Wireless Torque Pulsations Measurement System for PMSMs. IEEE Transactions on Industry Applications, 2020, 56, 6467-6476.  | 4.9 | 9         |
| 20 | Magnetic Resolver Using Hall-Effect Sensors. , 2020, , .   |     | 1         |
| 21 | Thermal monitoring of LiFePO4 batteries using switching harmonics. IEEE Transactions on Industry Applications, 2020, , 1-1.  | 4.9 | 3         |
| 22 | Permanent Magnets Aging in Variable Flux Permanent Magnet Synchronous Machines. IEEE<br>Transactions on Industry Applications, 2020, 56, 2462-2471.  | 4.9 | 7         |
| 23 | SPMSMs Sensorless Torque Estimation Using High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2020, 56, 2700-2708.  | 4.9 | 16        |
| 24 | Comparative Analysis of High Frequency Signal Injection Based Torque Estimation Methods for SPMSM, IPMSM and SynRM. Energies, 2020, 13, 592.   | 3.1 | 4         |
| 25 | SPMSMs HFI Based Self-Sensing Using Intentional Magnetic Saturation. IEEE Access, 2020, 8, 228731-228739.  | 4.2 | 3         |
| 26 | Magnet Temperature Estimation Methodology by Using Magnet Flux Linkage Observer for Variable<br>Leakage Flux IPMSM. IEEJ Journal of Industry Applications, 2020, 9, 723-730.               | 1.1 | 10        |
| 27 | Magnet Temperature Estimation in Variable Leakage Flux Permanent Magnet Synchronous Machines<br>Using the Magnet Flux Linkage. , 2020, , .   |     | 9         |
| 28 | Enhanced Torque Estimation in Variable Leakage Flux PMSM Combining High and Low Frequency Signal<br>Injection. , 2020, , .   |     | 5         |
| 29 | Sensorless Control of Wound Rotor Synchronous Motors Based on Rotor High-Frequency Signal<br>Injection. , 2020, , .  |     | 1         |
| 30 | Permanent Magnet Synchronous Machine Non-Uniform Demagnetization Detection Using<br>Zero-Sequence Magnetic Field Density. IEEE Transactions on Industry Applications, 2019, 55, 3823-3833. | 4.9 | 20        |
| 31 | Magnet Temperature Estimation in Permanent Magnet Synchronous Machines Using the High<br>Frequency Inductance. IEEE Transactions on Industry Applications, 2019, 55, 2750-2757.            | 4.9 | 45        |
| 32 | Online Detection and Classification of Rotor and Load Defects in PMSMs Based on Hall Sensor<br>Measurements. IEEE Transactions on Industry Applications, 2019, 55, 3803-3812.              | 4.9 | 56        |
| 33 | SynRM Sensorless Torque Estimation Using High Frequency Signal Injection. , 2019, , .  |     | 6         |
| 34 | Battery internal resistance estimation using a battery balancing system based on switched capacitors. , 2019, , .  |     | 1         |
| 35 | SPMSMs Sensorless Torque Estimation Using High Frequency Signal Injection. , 2019, , .   |     | 4         |
| 36 | Resolver Emulation for PMSMs Using Low Cost Hall Effect Sensors. , 2019, , .   |     | 5         |

Resolver Emulation for PMSMs Using Low Cost Hall Effect Sensors. , 2019, , . 36

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|----|---|-----|-----------|
| 37 | Permanent Magnet Synchronous Machine Torque Estimation Using Low Cost Hall-Effect Sensors. ,<br>2019, , .   |     | 5         |
| 38 | Analysis and Control of the Inductorless Boost Rectifier for Small-Power Wind-Energy Converters.<br>IEEE Transactions on Industry Applications, 2019, 55, 689-700.  | 4.9 | 12        |
| 39 | Design of a Cooperative Voltage Harmonic Compensation Strategy for Islanded Microgrids Combining<br>Virtual Admittance and Repetitive Controller. IEEE Transactions on Industry Applications, 2019, 55,<br>680-688. | 4.9 | 40        |
| 40 | Online Detection of Rotor Eccentricity and Demagnetization Faults in PMSMs Based on Hall-Effect<br>Field Sensor Measurements. IEEE Transactions on Industry Applications, 2019, 55, 2499-2509.                      | 4.9 | 76        |
| 41 | Impact of Machine Magnetization State on Permanent Magnet Losses in Permanent Magnet<br>Synchronous Machines. IEEE Transactions on Industry Applications, 2019, 55, 344-353.  | 4.9 | 13        |
| 42 | Detection of Demagnetization in Permanent Magnet Synchronous Machines Using Hall-Effect Sensors.<br>IEEE Transactions on Industry Applications, 2018, 54, 3338-3349.  | 4.9 | 32        |
| 43 | Permanent Magnet Synchronous Machine Drive Control Using Analog Hall-Effect Sensors. IEEE<br>Transactions on Industry Applications, 2018, 54, 2358-2369.  | 4.9 | 33        |
| 44 | Influence of PM Coating on PM Magnetization State Estimation Methods Based on Magnetoresistive Effect. IEEE Transactions on Industry Applications, 2018, 54, 2141-2150.   | 4.9 | 10        |
| 45 | Wireless Torque Pulsations Measurement System for PMSMs. , 2018, , .  |     | 1         |
| 46 | Scalability and Key Tradeoffs of Variable Flux PM Machines for EV Traction Motor Systems. , 2018, , .   |     | 16        |
| 47 | Thermal monitoring of LiFePO4 batteries using switching harmonics. , 2018, , .  |     | 2         |
| 48 | Permanent Magnets Aging in Variable Flux Permanent Magnet Synchronous Machines. , 2018, , .   |     | 2         |
| 49 | Magnet Thermal and Magnetization State Monitoring in PMSMs Based on Magnet Resistivity Estimation. , 2018, , .  |     | Ο         |
| 50 | PMSMs Torque Estimation Using Pulsating HF Current Injection. , 2018, , .   |     | 11        |
| 51 | On-line Detection and Classification of Rotor and Load Defects in PMSMs based on Hall Sensor<br>Measurements. , 2018, , .   |     | 2         |
| 52 | Magnet Temperature Estimation in Permanent Magnet Synchronous Machines Using the High<br>Frequency Inductance. , 2018, , .  |     | 3         |
| 53 | Realizable References Anti-Windup Implementation for Parallel Controllers in Multiple Reference<br>Frames. , 2018, , .  |     | 3         |
| 54 | Permanent Magnet Synchronous Machine Non-Uniform Demagnetization Detection Using<br>Zero-Sequence Magnetic Field Density. , 2018, , .   |     | 1         |

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| 55 | Influence of Magnetoresistance and Temperature on Permanent Magnet Condition Estimation Methods<br>Using High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2018, 54, 4218-4226.     | 4.9 | 9         |
| 56 | Passive Islanding Detection Using Inverter Nonlinear Effects. IEEE Transactions on Power Electronics, 2017, 32, 8434-8445.   | 7.9 | 49        |
| 57 | Comparative Analysis of BEMF and Pulsating High-Frequency Current Injection Methods for PM<br>Temperature Estimation in PMSMs. IEEE Transactions on Power Electronics, 2017, 32, 3691-3699.                    | 7.9 | 74        |
| 58 | Permanent Magnet Temperature Estimation in PM Synchronous Motors Using Low-Cost Hall Effect<br>Sensors. IEEE Transactions on Industry Applications, 2017, 53, 4515-4525.                                       | 4.9 | 48        |
| 59 | Thermal and magnetization state monitoring of PMSM drives using HF signal injection. , 2017, , .   |     | 3         |
| 60 | Control and Emulation of Small Wind Turbines Using Torque Estimators. IEEE Transactions on<br>Industry Applications, 2017, 53, 4863-4876.  | 4.9 | 22        |
| 61 | Rotor Temperature Estimation in Doubly-Fed Induction Machines Using Rotating High-Frequency Signal<br>Injection. IEEE Transactions on Industry Applications, 2017, 53, 3652-3662.                              | 4.9 | 33        |
| 62 | Permanent magnet synchronous machine drive control using analog hall-effect sensors. , 2017, , .   |     | 6         |
| 63 | Influence of magnetoresistance and temperature on permanent magnet condition estimation methods using high frequency signal injection. , 2017, , .   |     | 3         |
| 64 | On-line detection of rotor eccentricity for PMSMs based on hall-effect field sensor measurements. , 2017, , .  |     | 6         |
| 65 | Detection of demagnetization in permanent magnet synchronous machines using hall-effect sensors. , 2017, , .   |     | 5         |
| 66 | Inductorless boost rectifier for small power wind energy converters. , 2016, , .   |     | 1         |
| 67 | Rotor temperature estimation in doubly-fed induction machines using rotating high frequency signal injection. , 2016, , .  |     | 1         |
| 68 | Influence of stator configuration on high frequency signal injection based permanent magnet temperature estimation methods in PMSMs. , 2016, , .   |     | 2         |
| 69 | Sensorless speed control of a small wind turbine using the rectifier voltage ripple. , 2016, , .   |     | 3         |
| 70 | Evaluation of high frequency signal injection islanding detection based methods under non-linear-loads scenarios. , 2016, , .  |     | 2         |
| 71 | Permanent magnet temperature estimation in PM synchronous motors using low cost hall effect sensors. , 2016, , .   |     | 8         |
| 72 | Permanent-Magnet Temperature Distribution Estimation in Permanent-Magnet Synchronous Machines<br>Using Back Electromotive Force Harmonics. IEEE Transactions on Industry Applications, 2016, 52,<br>3093-3103. | 4.9 | 50        |

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| 74 | Permanent-Magnet Magnetization State Estimation Using High-Frequency Signal Injection. IEEE<br>Transactions on Industry Applications, 2016, 52, 2930-2940.   | 4.9 | 26        |
| 75 | Sensitivity Analysis of High-Frequency Signal Injection-Based Temperature Estimation Methods to<br>Machine Assembling Tolerances. IEEE Transactions on Industry Applications, 2016, 52, 4798-4805. | 4.9 | 18        |
| 76 | Influence of PM coating on PM magnetization state estimation methods based on magnetoresistive effect. , 2016, , .   |     | 3         |
| 77 | Permanent magnet temperature distribution estimation in PMSMs using BEMF harmonics. , 2015, , .  |     | 9         |
| 78 | Sensitivity analysis of high frequency signal injection based temperature estimation methods to machine, assembling tolerances. , 2015, , .  |     | 3         |
| 79 | Operation and control of MMCs using cells with power transfer capability. , 2015, , .  |     | 23        |
| 80 | Wireless permanent magnet temperature & field distribution measurement system for IPMSMs. , 2015, , .  |     | 41        |
| 81 | Permanent magnet magnetization state estimation using high frequency signal injection. , 2015, , .   |     | 3         |
| 82 | Islanding Detection in Three-Phase and Single-Phase Systems Using Pulsating High-Frequency Signal<br>Injection. IEEE Transactions on Power Electronics, 2015, 30, 6672-6683.                       | 7.9 | 24        |
| 83 | Permanent-Magnet Temperature Estimation in PMSMs Using Pulsating High-Frequency Current<br>Injection. IEEE Transactions on Industry Applications, 2015, 51, 3159-3168.                             | 4.9 | 123       |
| 84 | PMSM Magnetization State Estimation Based on Stator-Reflected PM Resistance Using High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2015, 51, 3800-3810.                | 4.9 | 55        |
| 85 | Strategies for the Connection of Distributed Power Generation Units to Distorted Networks. IEEE Transactions on Industry Applications, 2015, 51, 4111-4120.  | 4.9 | 8         |
| 86 | Virtual admittance loop for voltage harmonic compensation in microgrids. , 2015, , .   |     | 1         |
| 87 | Zero/low speed magnet magnetization state estimation using high frequency injection for a fractional slot variable flux-intensifying interior permanent magnet synchronous machine. , 2014, , .    |     | 14        |
| 88 | Variable-Flux Machine Torque Estimation and Pulsating Torque Mitigation During Magnetization State<br>Manipulation. IEEE Transactions on Industry Applications, 2014, 50, 3414-3422.               | 4.9 | 54        |
| 89 | PMSM magnetization state estimation based on stator-reflected PM resistance using high frequency signal injection. , 2014, , .   |     | 6         |
| 90 | Quadrature signal generator based on all-pass filter for single-phase synchronization. , 2014, , .   |     | 8         |

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| 91  | Permanent magnet temperature estimation in PMSMs using pulsating high frequency current injection. , 2014, , .  |     | 12        |
| 92  | Strategies for the connection of distributed power generation units to distorted networks. , 2014, , .  |     | 1         |
| 93  | Active Islanding Detection for Multiple Parallel-Connected Inverter-Based Distributed Generators<br>Using High-Frequency Signal Injection. IEEE Transactions on Power Electronics, 2014, 29, 1192-1199. | 7.9 | 106       |
| 94  | Islanding detection in three-phase and single-phase systems using pulsating high frequency signal injection. , 2014, , .  |     | 0         |
| 95  | Coordinated Operation of Parallel-Connected Inverters for Active Islanding Detection Using<br>High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2014, 50, 3476-3484.         | 4.9 | 31        |
| 96  | Sensorless Control of Doubly Fed Induction Generators Based on Stator High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2014, 50, 3382-3391.                                 | 4.9 | 54        |
| 97  | Sensorless Control of Doubly Fed Induction Generators Based on Rotor High-Frequency Signal<br>Injection. IEEE Transactions on Industry Applications, 2013, 49, 2593-2601.                               | 4.9 | 40        |
| 98  | Sensorless control of doubly-fed induction generators based on stator high frequency signal injection. , 2013, , .  |     | 1         |
| 99  | Dynamic Behavior of Current Controllers for Selective Harmonic Compensation in Three-Phase Active Power Filters. IEEE Transactions on Industry Applications, 2013, 49, 1411-1420.                       | 4.9 | 66        |
| 100 | Synchronization in highly distorted three-phase grids using selective notch filters. , 2013, , .  |     | 12        |
| 101 | Secondary Resistive Losses With High-Frequency Injection-Based Self-Sensing in IPM Machines. IEEE Transactions on Industry Applications, 2013, 49, 1499-1507.   | 4.9 | 24        |
| 102 | Position Self-Sensing Evaluation of a FI-IPMSM Based on High-Frequency Signal Injection Methods. IEEE<br>Transactions on Industry Applications, 2013, 49, 880-888.                                      | 4.9 | 63        |
| 103 | Coordinated operation of parallel-connected inverters for active islanding detection using high frequency signal injection. , 2013, , .   |     | 6         |
| 104 | Variable flux machine torque estimation and pulsating torque mitigation during magnetization state manipulation. , 2013, , .  |     | 6         |
| 105 | Islanding detection in grid-connected power converters using harmonics due to the non-ideal behavior of the inverter. , 2013, , .   |     | 9         |
| 106 | Magnet Temperature Estimation in Surface PM Machines During Six-Step Operation. IEEE Transactions on Industry Applications, 2012, 48, 2353-2361.  | 4.9 | 59        |
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| 108 | Active islanding detection for multiple parallel- connected inverter-based distributed generators using high frequency signal injection. , 2012, , .  |     | 10        |

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| 109 | Grid synchronization of three-phase converters using cascaded complex vector filter PLL. , 2012, , .   |     | 15        |
| 110 | Active Islanding Detection Using High-Frequency Signal Injection. IEEE Transactions on Industry Applications, 2012, 48, 1588-1597.   | 4.9 | 155       |
| 111 | A semiconductor H-bridge connection to avoid saturation in current transformers for differential protection. Electric Power Systems Research, 2012, 84, 120-127.   | 3.6 | 2         |
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| 113 | Dynamic behavior of current controllers for selective harmonic compensation in three-phase active power filters. , 2011, , .   |     | 9         |
| 114 | On the use of high frequency inductance vs. high frequency resistance for sensorless control of AC machines. , 2011, , .   |     | 18        |
| 115 | Magnet temperature estimation in surface PM machines during six-step operation. , 2011, , .  |     | 4         |
| 116 | Sensorless control of surface permanent magnet synchronous machines using the high frequency resistance. , 2011, , .   |     | 1         |
| 117 | Active islanding detection using high frequency signal injection. , 2011, , .  |     | 15        |
| 118 | Temperature Issues in Saliency-Tracking-Based Sensorless Methods for PM Synchronous Machines. IEEE<br>Transactions on Industry Applications, 2011, 47, 1352-1360.  | 4.9 | 41        |
| 119 | Impact of Saturation, Current Command Selection, and Leakage Flux on the Performance of<br>Sensorless-Controlled Three-Pole Active Magnetic Bearings. IEEE Transactions on Industry<br>Applications, 2011, 47, 1732-1740.        | 4.9 | 5         |
| 120 | Novel Design of Flux-Intensifying Interior Permanent Magnet Synchronous Machine Suitable for<br>Self-Sensing Control at Very Low Speed and Power Conversion. IEEE Transactions on Industry<br>Applications, 2011, 47, 2004-2012. | 4.9 | 66        |
| 121 | Position self-sensing evaluation of a FI-IPMSM based on high frequency signal injection methods. , 2011, , , .   |     | 1         |
| 122 | Analysis of grid connected converters using a feed-forward disturbance decoupling current control. , 2010, , .   |     | 3         |
| 123 | Impact of saturation and current command selection on the performance of sensorless controlled three-pole active magnetic bearings. , 2010, , .  |     | 0         |
| 124 | Temperature issues in saliency-tracking based sensorless methods for PM synchronous machines. ,<br>2010, , .   |     | 5         |
| 125 | Current sampling and measurement in PWM operated AC drives and power converters. , 2010, , .   |     | 28        |
| 126 | Modeling and Adaptive Decoupling of High-Frequency Resistance and Temperature Effects in<br>Carrier-Based Sensorless Control of PM Synchronous Machines. IEEE Transactions on Industry<br>Applications, 2010, 46, 139-149.       | 4.9 | 104       |

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| 127 | Carrier-Signal Selection for Sensorless Control of PM Synchronous Machines at Zero and Very Low<br>Speeds. IEEE Transactions on Industry Applications, 2010, 46, 167-178.   | 4.9 | 255       |
| 128 | Magnet Temperature Estimation in Surface PM Machines Using High-Frequency Signal Injection. IEEE<br>Transactions on Industry Applications, 2010, 46, 1468-1475.   | 4.9 | 139       |
| 129 | Sensorless Control of Three-Pole Active Magnetic Bearings Using Saliency-Tracking-Based Methods.<br>IEEE Transactions on Industry Applications, 2010, 46, 1476-1484.  | 4.9 | 21        |
| 130 | Self-Sensing Comparison of Fractional Slot Pitch Winding Versus Distributed Winding for FW- and<br>FI-IPMSMs Based on Carrier Signal Injection at Very Low Speed. IEEE Transactions on Industry<br>Applications, 2010, 46, 2467-2474. | 4.9 | 14        |
| 131 | Novel design of flux-intensifying interior permanent magnet synchronous machine suitable for power conversion and self-sensing control at very low speed. , 2010, , .   |     | 15        |
| 132 | Carrier signal injection alternatives for sensorless control of active magnetic bearings. , 2010, , .   |     | 9         |
| 133 | Magnet temperature estimation in surface PM machines using high frequency signal injection. , 2009, , .   |     | 5         |
| 134 | An improved control scheme based in droop characteristic control for microgrid converters. , 2009, ,  |     | 12        |
| 135 | Sensorless control of three-pole active magnetic bearings using saliency-tracking based methods. , 2009, , .  |     | 3         |
| 136 | Self-sensing comparison of fractional slot pitch winding vs. distributed winding for FW- and FI-IPMSMs based on carrier signal injection at very low speed. , 2009, , .   |     | 9         |
| 137 | Interior Permanent-Magnet Synchronous Motor Design for Improving Self-Sensing Performance at<br>Very Low Speed. IEEE Transactions on Industry Applications, 2009, 45, 1939-1946.  | 4.9 | 54        |
| 138 | Improved model of photovoltaic sources considering ambient temperature and solar irradiation. , 2009, , .   |     | 10        |
| 139 | A comparative analysis of pulsating vs. rotating vector carrier signal injection-based sensorless control. IEEE Applied Power Electronics Conference and Exposition, 2008, , .  | 0.0 | 79        |
| 140 | Carrier Signal Selection for Sensorless Control of PM Synchronous Machines at Zero and Very Low<br>Speeds. , 2008, , .  |     | 32        |
| 141 | Measurement and Adaptive Decoupling of Cross-Saturation Effects and Secondary Saliencies in<br>Sensorless Controlled IPM Synchronous Machines. IEEE Transactions on Industry Applications, 2008,<br>44, 1758-1767.                    | 4.9 | 131       |
| 142 | Modeling and Adaptive Decoupling of Transient Resistance and Temperature Effects in Carrier-Based<br>Sensorless Control of PM Synchronous Machines. , 2008, , .   |     | 21        |
| 143 | Automatic Self-Commissioning for Secondary-Saliencies Decoupling in Sensorless-Controlled AC<br>Machines Using Structured Neural Networks. , 2007, , .  |     | 17        |
|     | Management and Adaptive Descurling of Curse Seturation Effects and Secondary Seliensies in  |     |           |

Measurement and Adaptive Decoupling of Cross-Saturation Effects and Secondary Saliencies in Sensorless-Controlled IPM Synchronous Machines. Conference Record - IAS Annual Meeting (IEEE) Tj ETQq0 0 0 rg BT.¢Overlock 10 Tf 50

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| 145 | Measurement and Adaptive Decoupling of Cross-Saturation Effects and Secondary Saliencies in Sensorless-Controlled IPM Synchronous Machines. Conference Record - IAS Annual Meeting (IEEE) Tj ETQq1 | 1 0.78 <b>43</b> 14 | rgBT1/Overlock |
| 146 | Accuracy, Bandwidth, and Stability Limits of Carrier-Signal-Injection-Based Sensorless Control<br>Methods. IEEE Transactions on Industry Applications, 2007, 43, 990-1000.                         | 4.9                 | 97             |
| 147 | Accuracy and Bandwidth Limits of Carrier Signal Injection-Based Sensorless Control Methods.<br>Conference Record - IAS Annual Meeting (IEEE Industry Applications Society), 2006, , .              | 0.0                 | 14             |