

Akira Chiba

List of Publications by Year in descending order

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192
papers

3,835
citations

159585

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192
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192
docs citations

192
times ranked

1387
citing authors

#	ARTICLE	IF	CITATIONS
1	Torque Density and Efficiency Improvements of a Switched Reluctance Motor Without Rare-Earth Material for Hybrid Vehicles. IEEE Transactions on Industry Applications, 2011, 47, 1240-1246.	4.9	233
2	Design of Switched Reluctance Motor Competitive to 60-kW IPMSM in Third-Generation Hybrid Electric Vehicle. IEEE Transactions on Industry Applications, 2012, 48, 2303-2309.	4.9	207
3	Acoustic Noise and Vibration Reduction of SRM by Elimination of Third Harmonic Component in Sum of Radial Forces. IEEE Transactions on Energy Conversion, 2015, 30, 883-891.	5.2	207
4	Test Results and Torque Improvement of the 50-kW Switched Reluctance Motor Designed for Hybrid Electric Vehicles. IEEE Transactions on Industry Applications, 2012, 48, 1327-1334.	4.9	195
5	Development of a Rare-Earth-Free SR Motor With High Torque Density for Hybrid Vehicles. IEEE Transactions on Energy Conversion, 2015, 30, 175-182.	5.2	190
6	Proposal and Analysis of a Novel Single-Drive Bearingless Motor. IEEE Transactions on Industrial Electronics, 2013, 60, 129-138.	7.9	123
7	Comparison of the Test Result and 3D-FEM Analysis at the Knee Point of a 60 kW SRM for a HEV. IEEE Transactions on Magnetics, 2013, 49, 2291-2294.	2.1	120
8	Comparison of Test Result and Design Stage Prediction of Switched Reluctance Motor Competitive With 60-kW Rare-Earth PM Motor. IEEE Transactions on Industrial Electronics, 2014, 61, 5712-5721.	7.9	116
9	Cylindrical Rotor Design for Acoustic Noise and Windage Loss Reduction in Switched Reluctance Motor for HEV Applications. IEEE Transactions on Industry Applications, 2016, 52, 154-162.	4.9	82
10	Acoustic Noise Reduction of a High-Efficiency Switched Reluctance Motor for Hybrid Electric Vehicles With Novel Current Waveform. IEEE Transactions on Industry Applications, 2019, 55, 2519-2528.	4.9	71
11	Development of a Compact Centrifugal Pump With a Two-Axis Actively Positioned Consequent-Pole Bearingless Motor. IEEE Transactions on Industry Applications, 2014, 50, 288-295.	4.9	67
12	A Novel Middle-Point-Current-Injection-Type Bearingless PM Synchronous Motor for Vibration Suppression. IEEE Transactions on Industry Applications, 2011, 47, 1700-1706.	4.9	65
13	Acoustic Noise Reduction of Switched Reluctance Motor With Reduced RMS Current and Enhanced Efficiency. IEEE Transactions on Energy Conversion, 2016, 31, 627-636.	5.2	61
14	Efficiency Improvements of Switched Reluctance Motors With High-Quality Iron Steel and Enhanced Conductor Slot Fill. IEEE Transactions on Energy Conversion, 2009, 24, 819-825.	5.2	53
15	A PWM Harmonics Elimination Method in Simultaneous Estimation of Magnetic Field and Displacements in Bearingless Induction Motors. IEEE Transactions on Industry Applications, 2012, 48, 124-131.	4.9	52
16	A Novel Parallel Motor Winding Structure for Bearingless Motors. IEEE Transactions on Magnetics, 2013, 49, 2287-2290.	2.1	52
17	Principle of a Novel Single-Drive Bearingless Motor With Cylindrical Radial Gap. IEEE Transactions on Industry Applications, 2015, 51, 3696-3706.	4.9	51
18	Basic Characteristics of an Active Thrust Magnetic Bearing With a Cylindrical Rotor Core. IEEE Transactions on Magnetics, 2008, 44, 4167-4170.	2.1	50

#	ARTICLE	IF	CITATIONS
19	Evaluation of a Bearingless PM Motor With Wide Magnetic Gaps. IEEE Transactions on Energy Conversion, 2010, 25, 957-964.	5.2	46
20	Effects of Permanent-Magnet Passive Magnetic Bearing on a Two-Axis Actively Regulated Low-Speed Bearingless Motor. IEEE Transactions on Energy Conversion, 2011, 26, 46-54.	5.2	46
21	A ferrite permanent magnet axial gap motor with segmented rotor structure for the next generation hybrid vehicle. , 2010, , .		45
22	Design and analysis of a switched reluctance motor for next generation hybrid vehicle without PM materials. , 2010, , .		43
23	Development of a one-axis actively regulated bearingless motor with a repulsive type passive magnetic bearing. , 2014, , .		43
24	Current Waveform for Noise Reduction of a Switched Reluctance Motor Under Magnetically Saturated Condition. IEEE Transactions on Industry Applications, 2018, 54, 213-222.	4.9	43
25	Comparing Electric Motors: An Analysis Using Four Standard Driving Schedules. IEEE Industry Applications Magazine, 2014, 20, 12-20.	0.4	41
26	Noise Reduction of Switched Reluctance Motor With High Number of Poles by Novel Simplified Current Waveform at Low Speed and Low Torque Region. IEEE Transactions on Industry Applications, 2016, 52, 3013-3021.	4.9	41
27	A Novel Magnetic Suspension-Force Compensation in Bearingless Induction-Motor Drive With Squirrel-Cage Rotor. IEEE Transactions on Industry Applications, 2007, 43, 66-76.	4.9	40
28	Torque density and efficiency improvements of a Switched Reluctance Motor without rare earth material for hybrid vehicles. , 2010, , .		37
29	Test Results of an SRM Made From a Layered Block of Heat-Treated Amorphous Alloys. IEEE Transactions on Industry Applications, 2008, 44, 699-706.	4.9	36
30	Vibration Suppression of a Flexible Shaft With a Simplified Bearingless Induction Motor Drive. IEEE Transactions on Industry Applications, 2008, 44, 745-752.	4.9	36
31	Influence of Rotor Skew in Induction Type Bearingless Motor. IEEE Transactions on Magnetics, 2012, 48, 4646-4649.	2.1	35
32	A design consideration of a novel bearingless disk motor for artificial hearts. , 2009, , .		34
33	Fundamental characteristics of a ferrite permanent magnet axial gap motor with segmented rotor structure for the hybrid electric vehicle. , 2011, , .		34
34	Reduction of force interference and performance improvement of a consequent-pole bearingless motor. Precision Engineering, 2012, 36, 10-18.	3.4	34
35	Behavior of a Novel Thrust Magnetic Bearing With a Cylindrical Rotor on High Speed Rotation. IEEE Transactions on Magnetics, 2009, 45, 4617-4620.	2.1	33
36	Voltage Characteristics of a Consequent-Pole Bearingless PM Motor With Concentrated Windings. IEEE Transactions on Magnetics, 2009, 45, 2823-2826.	2.1	31

#	ARTICLE	IF	CITATIONS
37	Energy Efficiency of SR and IPM Generators for Hybrid Electric Vehicle. IEEE Transactions on Industry Applications, 2015, 51, 2874-2883.	4.9	31
38	Optimum Pole Number Combination of a Buried Permanent Magnet Bearingless Motor and Test Results at an Output of 60 kW With a Speed of 37000 r/min. IEEE Open Journal of Industry Applications, 2020, 1, 33-41.	6.5	29
39	Review of research and development of switched reluctance motor for hybrid electrical vehicle. , 2015, , .		28
40	A Novel Stator Structure for Active Axial Force Improvement in a One-Axis Actively Positioned Single-Drive Bearingless Motor. IEEE Transactions on Industry Applications, 2017, 53, 4414-4421.	4.9	26
41	Experimental evaluation of magnetic suspension characteristics in a 5-axis active control type bearingless motor without a thrust disk for wide-gap condition. , 2009, , .		25
42	Principle and Test Results of Energy-Saving Effect of a Single-Drive Bearingless Motor in Cooling Fan Applications. IEEJ Journal of Industry Applications, 2017, 6, 456-462.	1.1	24
43	Analysis of No-Load Characteristics of a Bearingless Induction Motor. IEEE Transactions on Industry Applications, 1995, 31, 77-83.	4.9	23
44	Comparison of energy consumption of SRM and IPMSM in automotive driving schedules. , 2012, , .		23
45	An Improved Rotor Resistance Identification Method for Magnetic Field Regulation in Bearingless Induction Motor Drives. IEEE Transactions on Industrial Electronics, 2008, 55, 852-860.	7.9	22
46	Outer Rotor Consequent-Pole Bearingless Motor With Improved Start-Up Characteristics. IEEE Transactions on Magnetics, 2008, 44, 4273-4276.	2.1	21
47	Estimation and comparison of the windage loss of a 60 kW Switched Reluctance Motor for hybrid electric vehicles. , 2014, , .		21
48	Axial Vibration Suppression by Field Flux Regulation in Two-Axis Actively Positioned Permanent Magnet Bearingless Motors With Axial Position Estimation. IEEE Transactions on Industry Applications, 2018, 54, 1264-1272.	4.9	21
49	Current Reference Selection for Acoustic Noise Reduction in Two Switched Reluctance Motors by Flattening Radial Force Sum. IEEE Transactions on Industry Applications, 2019, 55, 3617-3629.	4.9	21
50	Experimental Verification of Acoustic Noise and Radial Force Sum Variation in Switched Reluctance Motor. IEEE Transactions on Industry Applications, 2021, 57, 2481-2493.	4.9	21
51	Design of Homopolar Consequent-Pole Bearingless Motor With Wide Magnetic Gap. IEEE Transactions on Magnetics, 2013, 49, 2315-2318.	2.1	19
52	Design and Basic Characteristics of Multi-Consequent-Pole Bearingless Motor With Bi-Tooth Main Poles. IEEE Transactions on Magnetics, 2009, 45, 2791-2794.	2.1	17
53	Evaluation of Magnetic Suspension Performance in a Multi-Consequent-Pole Bearingless Motor. IEEE Transactions on Magnetics, 2011, 47, 4262-4265.	2.1	17
54	Noise and vibration reduction of switched reluctance motor with novel simplified current waveform to reduce force sum variation. , 2015, , .		16

#	ARTICLE	IF	CITATIONS
55	Design of 6-slot inset PM bearingless motor for high-speed and higher than 100kW applications. , 2017, , .		16
56	Power and efficiency measurements and design improvement of a 50kW switched reluctance motor for Hybrid Electric Vehicles. , 2011, , .		15
57	Suspension Performance of a Two-Axis Actively Regulated Consequent-Pole Bearingless Motor. IEEE Transactions on Energy Conversion, 2013, 28, 894-901.	5.2	15
58	Stability Consideration of Magnetic Suspension in Two-Axis Actively Positioned Bearingless Motor With Collocation Problem. IEEE Transactions on Industry Applications, 2014, 50, 338-345.	4.9	15
59	Simultaneous Torque and Radial Force Ripple Control for Reduction of Acoustic Noise and Vibration in Switch Reluctance Machines. , 2018, , .		15
60	A Fast Calculation Method of Optimal Ratio of Outer Diameter and Axial Length for Torque Improvement in Switched Reluctance Motor. IEEE Transactions on Industry Applications, 2018, 54, 5802-5811.	4.9	14
61	A Bearingless Motor With Passive Electrodynamic Suspension in Axial Direction. IEEE Transactions on Industry Applications, 2021, 57, 6812-6822.	4.9	14
62	A Principle and Winding Design of Consequent-Pole Bearingless Motors. JSME International Journal Series C-Mechanical Systems Machine Elements and Manufacturing, 2003, 46, 363-369.	0.3	13
63	Suspension Characteristics Measurement of a Bearingless Motor. IEEE Transactions on Magnetics, 2009, 45, 2795-2798.	2.1	13
64	Operating area of a Switched Reluctance Motor with continuous current operation. , 2010, , .		13
65	Design of switched reluctance motor competitive to 60 kW IPMSM in third generation hybrid electric vehicle. , 2011, , .		13
66	Design of SPM and IPM rotors in novel one-axis actively positioned single-drive bearingless motor. , 2014, , .		13
67	A design of 15 kW switched reluctance motor for electric vehicle applications. , 2007, , .		13
68	Total Efficiency of a Deeply Buried Permanent Magnet Type Bearingless Motor Equipped with 2-pole Motor Windings and 4-pole Suspension Windings. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	12
69	A novel concept of a single-drive bearingless motor. , 2011, , .		12
70	A relationship of radial force sum and current waveforms in switched reluctance motor for noise reduction. , 2015, , .		12
71	Comparison of current waveforms for noise reduction in switched reluctance motors. , 2017, , .		12
72	Analytical and Experimental Verification of Novel Current Waveforms for Noise Reduction in Switched Reluctance Motor. , 2019, , .		12

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73	Parameter Identification of Current Force Factor and Torque Constant in Single-Drive Bearingless Motors With Back EMF. IEEE Transactions on Industry Applications, 2019, 55, 4754-4761.	4.9	12
74	Vibration Control for a Rotor Supported by Oil-Film Bearings Using a Bearingless Motor. IEEE/ASME Transactions on Mechatronics, 2019, 24, 1368-1375.	5.8	12
75	Design, Development, and Experimental Results of a 30 000-R/Min One-Axis Actively Positioned Single-Drive Bearingless Motor. IEEE Transactions on Industry Applications, 2021, 57, 6783-6791.	4.9	12
76	Improved Current Profile Selection for Noise Reduction of Switched Reluctance Motor at Middle Speed Considering Back EMF. IEEE Transactions on Industry Applications, 2021, 57, 4707-4719.	4.9	12
77	Basic Characteristic of the Multi-Consequent-Pole Bearingless Motor. , 2007, , .		11
78	A Vibration Reduction Method of One-Axis Actively Position Regulated Single-Drive Bearingless Motor With Repulsive Passive Magnetic Bearings. IEEE Transactions on Industry Applications, 2016, 52, 181-188.	4.9	11
79	Suspension characteristics of a consequent-pole type bearingless PM motor with wide magnetic gaps. , 2008, , .		10
80	Characteristic measurements of switched reluctance motor on prototype electric vehicle. , 2012, , .		10
81	Cylindrical rotor design for acoustic noise and windage loss reduction in switched reluctance motor for HEV applications. , 2014, , .		10
82	Simple Driving Method for a 2-DOF Controlled Bearingless Motor Using One Three-Phase Inverter. IEEE Transactions on Industry Applications, 2018, 54, 4365-4376.	4.9	10
83	Analysis and Experimental Comparison of Acoustic Noise of Three Switched Reluctance Motors Made of Conventional Steel, High Silicon Steel, and Amorphous Iron. IEEE Transactions on Industry Applications, 2021, 57, 5907-5915.	4.9	10
84	Development of High Efficiency Switched Reluctance Motor. IEEE Transactions on Industry Applications, 2006, 126, 511-518.	0.2	9
85	A novel stator structure with soft magnetic composite in one-axis actively positioned single-drive bearingless motor. , 2015, , .		9
86	Current waveform for noise reduction of switched reluctance motor in magnetically saturated condition. , 2016, , .		9
87	Acoustic noise reduction of a high efficiency switched reluctance motor for hybrid electric vehicles with novel current waveform. , 2017, , .		9
88	Experimental Evaluation for Core Loss Reduction of a Consequent-Pole Bearingless Disk Motor Using Soft Magnetic Composites. IEEE Transactions on Energy Conversion, 2018, 33, 324-332.	5.2	9
89	Improved Current Profile for Noise Reduction of Switched Reluctance Motor at Middle Speed. , 2019, , .		9
90	Design and test result of novel single-drive bearingless motor with cylindrical radial gap. , 2013, , .		8

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91	Suspension force investigation for consequent-pole and surface-mounted permanent magnet bearingless motors with concentrated winding. , 2015, , .		8
92	Investigation of integrated winding configuration for a two-DOF controlled bearingless PM motor using one three-phase inverter. , 2017, , .		8
93	Current injection solutions for active suspension in bearingless motors. , 2017, , .		8
94	An Analysis of Radial Forces and a Rotor Position Control Method of Reluctance Type Bearingless Motors. IEEJ Transactions on Industry Applications, 1997, 117, 1123-1131.	0.2	8
95	Vibration Suppression of a Flexible Shaft with a Simplified Bearingless Induction Motor Drive. Conference Record - IAS Annual Meeting (IEEE Industry Applications Society), 2006, , .	0.0	7
96	Efficiency Comparison of Switched Reluctance Motors with Low Loss Materials. IEEE Power Engineering Society General Meeting, 2007, , .	0.0	7
97	A principle and test results of a novel bearingless motor with motor parallel winding structure. , 2013, , .		7
98	Pole selection and vibration reduction of Switched Reluctance Motor for hybrid electric vehicles. , 2014, , .		7
99	Design of Switched Reluctance Generator for Competitive Energy Efficiency in the Latest Hybrid Electric Vehicle. , 2018, , .		7
100	Torque Density Improvement of a One Axis Actively Positioned Single-Drive Bearingless Motor. , 2018, , .		7
101	The Effectiveness of Radial Force Sum Flattening for Vibration Mode 0 and Noise Reduction in Switched Reluctance Motor. , 2020, , .		7
102	Stator design of a multi-consequent-pole bearingless motor with toroidal winding. , 2009, , .		6
103	A test result of a 50kW switched reluctance motor designed for a Hybrid Electric Vehicle. , 2011, , .		6
104	Performance investigation of a centrifugal pump with a consequent-pole bearingless motor. , 2012, , .		6
105	Novel control method for magnetic suspension and motor drive with one three-phase voltage source inverter using zero-phase current. Mechanical Engineering Journal, 2015, 2, 15-00116-15-00116.	0.4	6
106	Axial vibration suppression by field flux regulation in two-axis actively positioned permanent magnet bearingless motors with axial position estimation. , 2016, , .		6
107	Design of a high-speed single-drive bearingless motor. , 2017, , .		6
108	Design Optimization of Permanent Magnet Bearingless Motor Using Differential Evolution. , 2018, , .		6

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109	Development of a Homo-Polar Bearingless Motor with Concentrated Winding for High Speed Applications. , 2018, , .		6
110	Balance Control of Split Capacitor Potential for Magnetically Levitated Motor System Using Zero-Phase Current. , 2018, , .		6
111	Voltage Sensorless Control of Split Capacitor for Three-Phase Four-Wire Motor System With Zero-Sequence Suspension Winding. IEEE Transactions on Industry Applications, 2021, 57, 6823-6832.	4.9	6
112	Development of Axial-Flux Single-Drive Bearingless Motor With One-Axis Active Positioning. IEEE Transactions on Industry Applications, 2021, 57, 6792-6800.	4.9	6
113	Performance Evaluation of a Homopolar Bearingless Motor for Ultrahigh Speed Applications. IEEE Transactions on Industry Applications, 2021, 57, 6913-6920.	4.9	6
114	Energy efficiency comparison of SR and IPM generators for hybrid electric vehicle. , 2013, , .		5
115	Effect of Compressive Stress on Iron Loss of Gradient Si Steel Sheet. Electronics and Communications in Japan, 2016, 99, 74-83.	0.5	5
116	Performance improvement of a bearingless motor by rotation about an estimated center of inertia. , 2017, , .		5
117	Design and Analysis of a Bearingless Motor with Passive Axial Suspension Through Null-Flux Coils. , 2019, , .		5
118	An Analysis and Characteristics of a Permanent Magnet Type Bearingless Motor.. IEEJ Transactions on Industry Applications, 1995, 115, 1131-1139.	0.2	4
119	Winding Design and Characteristic of a Consequent-Pole Type Bearingless Motor with 4-Axis Active Magnetic Suspension. Conference Record - IAS Annual Meeting (IEEE Industry Applications Society), 2007, , .	0.0	4
120	A novel design of a thrust magnetic bearing with a cylindrical-shaped rotor. , 2009, , .		4
121	Winding arrangement in single-drive bearingless motor with radial gap. , 2014, , .		4
122	Design consideration of the offset of the cylindrical shape rotor switched reluctance motor for hybrid electric vehicles. , 2015, , .		4
123	A novel simplified structure for single-drive bearingless motor. , 2016, , .		4
124	Simple driving method for a two-DOF controlled bearingless motor using one three-phase inverter. , 2016, , .		4
125	Suppression of self-excited vibration caused by oil film bearing using bearingless motor. , 2017, , .		4
126	Ripple compensation of suspension force and torque in a bearingless SPM motor with integrated winding. , 2017, , .		4

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127	Improving of bearingless 6-slot IPM motor radial force characteristics using rotor skew. , 2017, , .		4
128	Three-Coil Combined Winding Configuration for a 2-DOF Actively Controlled Bearingless Permanent Magnet Motor. IEEE Transactions on Industry Applications, 2021, 57, 6765-6773.	4.9	4
129	Dynamic Modeling and Experimental Validations of Passing Through Critical Speeds by High Acceleration in One-Axis Actively Positioned Bearingless Motors. IEEE Transactions on Industry Applications, 2021, 57, 6956-6964.	4.9	4
130	A control method of super high speed reluctance motor for quick torque response.. IEEJ Transactions on Industry Applications, 1987, 107, 1229-1235.	0.2	4
131	Analytical and Experimental Investigations of Magnetostriction Influence on Strain Measurement in Switched Reluctance Machines. , 2021, , .		4
132	Principles and Test Result of Novel Full Passive Magnetic Levitation Motor with Diamagnetic Disk. , 2021, , .		4
133	Rotational characteristics of a bearingless motor with passive magnetic bearings. , 2009, , .		3
134	Suspension performance of a two-DOF actively positioned consequent-pole bearingless motor with a wide magnetic gap. , 2015, , .		3
135	Suspension loss measurement and its reduction in single-drive bearingless motor. , 2016, , .		3
136	Design of High Power Density Motor for EV Applications. , 2018, , .		3
137	Combined Winding Structure of a Consequent-Pole Bearingless Motor with Parallel Motor Winding Topology. , 2019, , .		3
138	A Novel Combined Winding and Test Result of a 20-Pole/24-Slot Consequent-Pole Bearingless Motor With Parallel Motor Winding. IEEE Transactions on Industry Applications, 2021, 57, 6880-6891.	4.9	3
139	Asymmetrical Four-Phase Combined Winding Arrangement for Bearingless PM Motors. IEEE Transactions on Industry Applications, 2021, 57, 6870-6879.	4.9	3
140	Positioning Accuracy Improvement for a Magnetically Levitated System Using Zero-Sequence Current of a Permanent Magnet Motor. IEEJ Transactions on Industry Applications, 2019, 139, 322-329.	0.2	3
141	Parameter Identification for acoustic noise analysis of SRM made of 6.5% Si Steel and Amorphous Iron - Comparison of noise Analysis and Experiment-. , 2020, , .		3
142	Investigation of Mode 0 Acoustic Noise Reduction of Interior Permanent Magnet Motor with a Principle of Radial Force Sum Flattening. , 2020, , .		3
143	Investigation of a Combined Electro Magnetic Structure of Bearingless Motor and Magnetic Gear. , 2020, , .		3
144	Proposal of Magnetic Geared Motor with Bearingless High-Speed Rotor. , 2020, , .		3

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145	Estimation of Magnetic Suspension Loss in a 30000 r/Min One-Axis Actively Positioned Single-Drive Bearingless Motor. , 2022, , .		3
146	A novel middle-point current-injection type bearingless motor for vibration suppression. , 2010, , .		2
147	A PWM harmonics elimination method in simultaneous estimation of magnetic field and displacements in bearingless induction motors. , 2011, , .		2
148	Basic performance of two-axis actively positioned bearingless disk motor. , 2012, , .		2
149	Axial Vibration Suppression in Two-Axis Actively Regulated Bearingless Motor. Nihon AEM Gakkaishi, 2015, 23, 199-205.	0.1	2
150	Reduction in torque and suspension force ripples of an axial-gap single-drive bearingless motor. , 2016, , .		2
151	An optimal ratio of outer diameter and axial length for torque improvement in switched reluctance motor. , 2016, , .		2
152	Parameter Identifications of Current-Force Factor and Torque Constant in Single-Drive Bearingless Motors. , 2018, , .		2
153	Principle of a Radial-Force-Based Electromagnetic Swirling Actuator for Low-Speed Applications. , 2018, , .		2
154	Asymmetrical Combined Winding Arrangement for a Four-Phase Bearingless Motor. , 2018, , .		2
155	Operation limit of a high frequency power source using cycloconverter and its characteristics on commercial line side.. IEEJ Transactions on Power and Energy, 1986, 106, 571-578.	0.2	2
156	Analytical and Experimental Investigations of Radial Force Detection by Strain Gauge for Possible Application for Switched Reluctance Machines. , 2020, , .		2
157	Principle and Analysis of Radial-Force-Based Swirling Actuator for Low-Speed High-Torque Applications. IEEE Transactions on Industry Applications, 2022, 58, 1963-1975.	4.9	2
158	Novel Reluctance-type Magnetic Geared Motor with Integrated with High-speed Bearingless Motor. , 2022, , .		2
159	Identification Methods of Radial Force Parameters for Salient-pole Permanent Magnet Synchronous Bearingless Motors. IEEJ Transactions on Industry Applications, 2004, 124, 784-791.	0.2	1
160	Test results of high torque and high efficiency SRMs designed for 50kW Hybrid Electric Vehicle. , 2012, , .		1
161	A two-axis actively regulated consequent-pole bearingless motor with wide magnetic gaps. , 2013, , .		1
162	Investigation of permanent magnet magnetization for a bearingless servomotor. , 2013, , .		1

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181	Combination of Oil Film Bearing and Bearingless Motor for High Load Capacity and Stable Rotation. , 2018, , .		0
182	Radial excitation force generated by permanent magnet motor using d-axis current injection. , 2018, , .		0
183	Design of a Miniaturized Single-Drive Bearingless Motor. , 2019, , .		0
184	Guest Editorial for Special Issue on Magnetically Levitated Motor Systems. IEEE Transactions on Industry Applications, 2021, , 1-1.	4.9	0
185	A Possible Output Area of Torque and Suspension Force in a Switched Reluctance Type Bearingless Motor with One Phase Excitation. IEEJ Transactions on Industry Applications, 2004, 124, 683-692.	0.2	0
186	A simplified variable speed switched reluctance motor drive without using encoder. , 2007, , .		0
187	533 Analysis of Wide-Gap Bearingless Motor. The Proceedings of the Dynamics & Design Conference, 2012, 2012, _533-1_-_533-10_.	0.0	0
188	A closed loop control of super high speed reluctance motor.. IEEJ Transactions on Industry Applications, 1987, 107, 271-278.	0.2	0
189	Magnetic Bearing and Bearingless Motor. Journal of the Institute of Electrical Engineers of Japan, 2016, 136, 301-304.	0.0	0
190	Efficiency Improvement of SR Motor. Journal of the Institute of Electrical Engineers of Japan, 2017, 137, 821-824.	0.0	0
191	Switched Reluctance Machines for Automotive Application. , 2020, , 273-299.		0
192	DC current control of a zero-sequence load using a diode rectifier for a three-phase four-wire motor drive system. Transactions of the JSME (in Japanese), 2020, 86, 19-00403-19-00403.	0.2	0