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7	19326	*Picardi C., Rogano N.*	Italy
		Parameter identification of induction motor based on particle swarm optimization	
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176	11356	Fiorucci E., Bucci G., Ciancetta F., Rotondale E.	Italy
		Experimental validation of a PEM fuel cell dynamic model	
177	11217	Larbi N., Stambouli A., Traversa E.	Italy
		An overview of hybrid solid oxide fuel cells (SOFCs) power systems	
178	11030	Graditi G., Favuzza S., Riva Sanseverino E.	Italy
		Technical, environmental and economical aspects of hybrid system including renewables and fuel cells	
179	33222	Sulligoi G., Kavanagh C.	Italy
		An innovative method for improved real-time measurements of angular acceleration in motion control systems	
180	33242	Dallefrate D., Colombo D., Molinari Tosatti L.	Italy
		Development of robot controllers based on PC hardware and open source software	
181	33255	Rosario J.M., Dumur D.	Brazil-France
		A 3 dof robotic platform dynamics control using rapid prototyping tools	
182	33286	Chettibi T., Lemoine P.	Algeria
		Generation of point to point trajectories for robotic manipulators under electromechanical constraints	
183	33382	Kovacs E., Varadine A.	Hungary
		Laser sensor based measurement system with 2D motion control	
184	33174	Chuang C. W., Li J.R.	Taiwan
		Applying experienced self-tuning PID control to position control of slider crank mechanisms	
185	33186	Larabi A., Boucherit M.S.	Algeria
		Robust control of position with a strategy of linearization per return of state using fuzzy regulators	
186	27270	Leuchter J., Bauer P., Hajek V.	Czech Republic
		Efficiency investigation of mobile power sources with VSCF technology	
187	27032	Vàsquez C., Lafoz M., García-Tabarés L., Toral F.	Spain
		Canbus network based control system for switched reluctance drives in kinetic energy storage system	
188	27064	Rufer A.	Switzerland
		Energetic performance of a hybrid energy storage system based on compressed air and super capacitors	
189	27162	Holub M., Palka R., Canders W.R.	Poland-Germany
		Control of switched reluctance machines for flywheel energy storage applications	
190	27306	Giorgetti F., Pastena L., Tarantino A., Velotto F.	Italy
		Energy saving by onboard storage	
191	27381	Yamauchi Y., Uchiyama N., Suzuki E., Kubota M., Fujii M., Ohsaki H.	Japan
		Development of 50kWh-class superconducting flywheel system	
192	27087	Dias Marquezini D., Quadros Machado R., Farret F.A., Gonzatti F.	Brazil
		Interaction between PEM fuel cells and step-up dc dc converters for AC integration	
193	03331	M. Carpaneto, G. Maragliano, M. Marchesoni, L. R. Vaccaro	Italy
		A Novel approach for DC-link voltage ripple reduction in cascaded multilevel converters	
194	03103	Munduate A., Garin I., Figueres E., Garcerá G.	Spain
		Analytical study of the DC link capacitors voltage ripple in three level Neutral Point Clamped Inverters	
195	03332	Leskovar S., Marchesoni M., Mazzucchelli M.	Italy
		Development of open-loop and closed-loop techniques for the optimization of modular multilevel conversion structures	
196	03123	Camur S., Arifoglu B., Beser E., Beser E. K.	Turkey
		A novel topology for single-phase five-level inverter compared with H-bridge inverter	
197	03140	Song Q., Zhang X., Yu F., Zhang C.	China
		Research on PWM techniques of five-phase three-level inverter	
198	03158	Purkait P., Ravisrikanth S.	India
		A simple SVPWM algorithm for elimination of neutral point current in multilevel inverter	
199	03370	Casadei D., Serra G., Tani A., Zarri L.	Italy
		Cascaded three-level inverters: a comparison of different modulation strategies based on duty-cycle space vector approach	
200	38205	Arena P., Brunno F., Caponetto R.	Italy
		A genetic algorithm optimized SDT for state feedback control	
201	38219	Moteleb M.S.A., Dorrah H.T.	Egypt
		An enhanced fuzzy-PI controller	
202	38151	Malyna D.V., Duarte J.L., Hendrix M.A.M., van Horck F.B.M.	The Netherlands
		Multi-objective optimization of power converters using genetic algorithms	
203	38203	Braslavsky I., Kostylev A. V., Stepanuk D.P.	Russia
		Energy consumption optimization using genetic algorithm during starting of thyristor voltage converter-induction motor system	
204	38083	Yuan-sheng H., Yan Z., Jing T.	China

		Bp neural network with optimizing principle component used in plants addressing	
205	38182	*Monadi M., Gharaveisi A. A., Darabi A.*	Iran
		Performance evaluation of an ANFIS based power system stabilizer applied in multi-machine power systems	
206	14092	*Du C., Zhang X., Gao X.*	China
		Modeling, simulation and test of direct torque-controlled multi phase synchronous propulsion motor drives	
207	14106	*Kestelyn X., Crévits Y., Semail E.*	France
		Investigation on Vector control of three-phase synchronous machines under fault supply condition	
208	14143	*Ye Z.-H., Zhang X.-F., Li H.-J., Yang F.*	China
		Improvement on single "Y" current of the variable speed system with cycloconverter-fed 12-phase synchronous motor	
209	14177	*Leidhold R., Benavides R., Mutschler P.*	Germany
		Comparison of control oriented models for the long stator synchronous motor and their experimental validation	
210	14237	*Bergh T., Alakula M., Karlsson P., Hagstedt D.*	Sweden
		Modeling and presentation of the Series Magnetized Synchronous Machine	
211	14159	*Oleschuk V., Ermuratski V., Profumo F., Tenconi A., Bojoi R., Stankovic A.M.*	Moldova-Italy- USA
		Novel schemes of synchronous PWM for dual inverter-fed drives with cancellation of the zero sequence currents	
212	10179	*Ordonez R., Sadarnac D.*	France
		Three phase four branch active filter for non-active power compensation under non-sinusoidal conditions	
213	10362	*Dell'Aquila A., Monopoli V. G., Lecci A., Marinelli M.*	Italy
		A study on different modulation techniques in presence of resonant controllers applied to active power filters	
214	10043	*Mingtao Y., Mingcai K., Jianye C.*	China
		A double tuned filter based on controllable reactor	
215	10148	*Abaali H.*	Morocco
		New control algorithm for a series active power filters	
216	10233	*Yilong Qu*	China
		A new type principal-auxiliary arc-suppression coil system base on active power filter technology	
217	10315	*Menniti D., Picardi C., Pinnarelli A., Sorrentino N.*	Italy
		A voltage reactive power and harmonics compensation applied on a DSTATCOM	
218	34241	*Delfine L., Bitetti D.M.*	Italy
		A complete self commissioning procedure for induction motor drive control tuning	
219	34101	*Jokinen M.*	Finland
		Bump-less transfer algorithm between two different velocity controllers in an electric drive	
220	34253	*Ottosson J.*	Sweden
		A compact field weakening controller implementation	
221	34044	*Marano V., Arrigo D.*	Italy
		Novel fully integrated 65 W stepper motor driver IC	
222	34134	*Nedeljkovic D., Nemec M., Ambrozic V.*	Slovenia
		Modulation in VSI for immediate flux control (IFC) with reduced flux error	
223	34337	*Deliang Liang, Zhuping Cheng, Feng Xiangyang, Wu Jianjun*	China
		Control strategies research of switched reluctance starter/generator system	
224	34335	*Botan C., Ostafi F.*	Romania
		Free and fixed end-point optimal control problems for a servo drive system	
225	18183	*Eltabach M., Charara A.*	Libano
		Comparative investigation of electrical diagnostic procedures in induction motors	
226	18268	*Tiainen R., Sarkimaki V., Ahola J., Lindh T.*	Finland
		Utilization possibilities of frequency converter in electric motor diagnostics	
227	18366	*Bruzzese C., Honorati O., Santini E.*	Italy
		Laboratory prototype for induction motor bar breakages experimentation and bar current measuring	
228	19053	*Hilairet M., Auger F.*	France
		Sensorless speed measurement using current harmonic spectral estimation in a DC-motor	
229	20168	*Dobriceanu M., Bitoleanu A., Popescu M., Vladut G.*	Romania
		Automated monitoring system for environment quality in industrial areas	
230	20201	*Kang W., Yan X., Li H.*	China
		The application of DSP and virtual instrument to online power quality detection	
231	20037	*Denić D., Ranđelović I., Miljković G.*	Serbia & Montenegro
		Recent trends of linear and angular pseudorandom encoder development	
232	20283	*Lombardi P., Giaconia C., Di Dio V.*	Italy
		An embedded diagnostic system for wheelchairs brushless drives monitoring	
233	20180	*Munk-Nielsen S., Bendicsen F. B., Christiansen H.*	Denmark
		Characterization of 50/60 Hz current transformers from 20 Hz to 10 kHz	

234	20202	Kang W., Yan X., Li H.	China
		A modified demodulation method for flicker measurement	
235	09376	Caramia P., Carpinelli G., Esposito T., Varilone P.	Italy
		Probabilistic harmonic power flow for assessing waveform distortions in distribution systems with wind embedded generation	
236	09325	Montano J.C., Bravo J.C., Borras D., Castilla M., Lopez A., Gutierrez J.	Spain
		Voltage quality index	
237	09377	Di Perna C., Verde P., Varilone P.	Italy
		Power converters for fuel-cells based UPS to improve power quality: modeling considerations and experimental results	
238	09215	Bitoleanu A., Popescu M., Dobriceanu M.	Romania
		Power quality to the input of DC motor and controlled rectifier driving systems	
239	09012	Moreno-Muñoz A., Galisteo P.	Spain
		Voltage sag in highly automated plants	
240	09304	Lauria D., Griffo A.	Italy
		Advanced series and parallel converters for power system stability improvement	
241	10001	Benslimane T., Aliouane K., Chetate B.	Algeria
		Voltage and current disturbances elimination with reactive power compensation using unified power quality conditioner	
242	37144	Aguirre-Zamalloa G., Uriondo Arrue F., Hernandez Gonzalez J.R.	Spain
		The three-phase instantaneous reactive power defined anew	
243	09305	Lauria D., Griffo A.	Italy
		Sliding sector control for thyristor controlled series compensator	
244	08047	Golkar M. A.	Iran
		Distributed Generation and competition in electric distribution market	
245	09005	Bouchoucha C., Chebbi S., Annabi M.	Tunisie
		Electric energy management by adaptive load shedding	
246	37317	Grasselli U., Terramano S., Ricci B.	Italy
		Reliability evaluation of airport power systems	
247	37166	Ji Y., Wei X., Mu X., Tan A.	China
		Analysis of the orthogonal arc-suppression coil and ground fault protection	
248	37147	Di Silvestre M.L., Massaro F., Mineo L., Zizzo G.	Italy
		A statistic approach of cables ageing in MV lines on thermal and electrical combined stress	
249	37347	Benhaddadi M., Olivier G.	Canada
		Canada's Kyoto GHG emissions gap analysis	
250	37137	Chiodo E., Mazzanti G.	Italy
		A new reliability model for power system components characterized by dynamic stress and strength	
251	27088	Dias Marquezini D., Quadros Machado R., Farret F.A., Gonzatti F.	Brazil
		AC and DC interfaces for connection of fuel-cell stacks to the utility grid	
252	37107	Mazzanti G., Passarelli G.	Italy
		A probabilistic life model for reliability analysis of power cables feeding electric traction systems	
253	34351	Battistelli L., Lauria D., Morvillo C., Proto D.	Italy
		A comparison among various optimization control strategies for dc electrified transportation systems	
254	37239	Szentirmai L., Szarka T.	Hungary
		Electrical engineering and drives in the globalization age and their contribution to sustainable development and knowledge-based society	
255	39333	Kyu-Min Cho , Won-Seok Oh , Jae-Eul Yeon , Hee-Jun Kim	Korea
		A novel average burst-duty control method for the dimming of induction lamps	
256	39365	Arabia E., Consoli A., Ciofi C.,Testa A.	Italy
		Electromechanical actuators for automotive applications exploiting power line communication	
257	39352	Chiodo E., Mazzanti G.	Italy
		Indirect reliability estimation for electric devices via a dynamic "stress – strength" model	
258	34167	Dopatka F., Wismueller R.	Germany
		A top-down approach for real time industrial-ethernet networks using edge-coloring of conflict-multigraphs	
259	37208	Pedrasa A., Delfin V.	Philippines
		Low-cost mechanical load emulator	
260	04138	Zhang L., Yan X., Li H.	China
		Design and simulation of bilateral LC filter based on the locomotive battery charge-discharge system	
261	39334	Kyu-Min Cho , Won-Seok Oh , Jae-Eul Yeon , Hee-Jun Kim	Korea
		Wired and wireless remote control of the group lighting system using electrodeless fluorescent lamps	
262	06038	Bolvashenkov I., Herzog H-G., Engstle A.	Germany
		Factor of hybridization of an hybrid electrical vehicle and its influence on technical and economical parameters of the automobile	
263	06016	Alaoui C.	Morocco
		A novel system-on-chip system for diagnostic and rejuvenation for electric and hybrid vehicles	

264	25014	*Budig P.K.*	Germany
		Simplification of the mechanical design of drives with the application of direct drives	
265	26169	*Arcidiacono V., Menis R., Sulligoi G.*	Italy
		Voltage and frequency integrated control for all electric ship power systems	
266	15022	*Grabner C.*	Germany
		Various control strategies of power converters and their effects on induction drive systems	
267	15109	*Huikuri M.*	Finland
		Simulation of direct torque controlled drive with torque reference filtering	
268	15175	*Rees S., Ammann U.*	Germany
		Field oriented control of current source inverters fed high speed induction machines using steady-state stator voltages	
269	15302	*Abbasian T., Salmasi F.R., Yazdanpanah M.J.*	Iran
		Improved adaptive feedback linearization control of induction motors based on online estimation of core loss and rotor resistance	
270	15384	*D'Arco S., Iannuzzi D., Pagano E., Piegari L.*	Italy
		Torsional Stress Analysis of Squirrel Cage Windings of Asynchronous Motors	
271	15036	*Klima J.*	Czech Republic
		Analytical investigation of induction motor drive under ripple component of DC-Link voltage of VSI	
272	15231	*Miloudi A., Draou A.*	Algeria-Saudi Arabia
		A new control strategy of direct torque fuzzy control of a PWM inverter fed induction motor drive	
273	15363	*Cacciato M., Consoli A., Scarcella G., Scelba G.*	Italy
		Efficiency optimization techniques via constant optimal slip control of induction motor drives	
274	15240	*Grune R., Saniter C., Wood A.R., Hanitsch R.*	Germany
		Reduction of stator current harmonics in doubly-fed induction machines	
275	22156	*Hanitsch R., Widyan M.*	Germany
		Cogging torque reduction of a novel low-speed high-energy permanent-magnet electrical machine	
276	22164	*Aho T., Nerg J., Pyrhönen J.*	Finland
		Analyzing the effect of the rotor coating on the rotor losses of medium-speed solid-rotor induction motor	
277	22279	*Centner M., Hanitsch R.*	Germany
		Fractional slot-winding with asymmetrical stator slot-layout for reduced harmonics and cogging torque in subfractional horse-power permanent-magnet machines	
278	22312	*Boccaletti C., Elia S., Nisticò E.*	Italy
		A comparison between deterministic and stochastic optimisation algorithms in design of axial flux PM machines	
279	22145	*Werner U., Binder A.*	Germany
		Rotor dynamic analysis of asynchronous machines including the finite-element method for engineering low vibration motors	
280	22322	*Hörz M., Herzog H.G., Haas A.*	Germany
		Axial flux machine with single tooth fractional slot winding - Comparison of different winding design approaches	
281	22013	*Budig P.K.*	Germany
		The influence of the third deviation of way above time on the design of Electrical Machines	
282	22135	*Cui X., Binder A., Funieru B.*	Germany
		Calculation of no-load additional losses in the rotor of a StrafloMatrix synchronous turbine-generator	
283	22383	*Cecconi V., Trapanese M.*	Italy
		An optimum design of the magnetic circuit of a PM linear electrical generator for the exploitation of sea waves.	
284	07130	*O'Sullivan T.M., Bingham C.M., Clark R.E.*	U. K.
		Zebra battery technologies for all electric smart car	
285	07213	*Eberleh B., Hartkopf T.*	Germany
		A high speed induction machine with two-speed transmission as drive for electric vehicles	
286	07199	*Kai X., Qionghua Z., Huafeng Y.*	China
		A low cost sensorless switched reluctance motor driver for light electric vehicles	
287	13320	*Cvetkovski G., Petkovska L., Gair S.*	U.K.-Macedonia
		Torque analysis of axial field PM synchronous motor for EV	
288	07051	*Georgescu M.*	Romania
		Intelligent systems for electric vehicles	
289	01065	*Enea V., Kroell D., Messina M., Ronsisvalle C.*	Italy
		Different designs for the optimization of monolithic ESBT® (Emitter-Switched Bipolar Transistor)	
290	01076	*Brucchi F.*	Italy
		Converter-inverter module for low-power applications	
291	01149	*Vershinin K.V., Sweet M.R., Ngwendson L.K., Ekkanath Madathil S.N.*	U. K.
		Influence of the device layout on the performance of 20A 1.2kV clustered insulated gate bipolar transistor (CIGBT) in PT technology	
292	01252	*Napoli E., Udrea F.*	Italy

		Circuital implementation of deep depletion SOI power devices	
293	01300	*Dolezel I., Dvorak P., Kalcik K., Valouch V.*	Czech Republic
		Limit operation regimes of power semiconductor devices	
294	29089	*Buja G., Menis R.*	Italy
		A conceptual framework for the dependability issue	
295	29324	*Bolognesi P., Bruno O., Sani L., Taponecco L.*	Italy
		An unconventional fault-tolerant switched-reluctance motor for high-torque low-speed applications	
296	29093	*Leonhard W.*	Germany
		Dependable energy supply from fluctuating natural sources-a case for energy storage	
297	29112	*Schramm A., Gerling D.*	Germany
		Researches on the suitability of switched reluctance machines and permanent magnet machines for specific aerospace applications demanding fault tolerance	
298	29155	*Tahami F., Shojaei A., Khatir D.A.*	Iran
		A diversity based reconfigurable method for fault tolerant control of induction motors	
299	29152	*Drif M., Marques Cardoso A.J.*	Portugal
		Airgap eccentricity fault diagnosis, in three-phase induction motors, by the complex apparent power signature analysis	
300	29353	*Drozdowski P.*	Poland
		A scalar controlled VSI fed robust drive with a polyphase cage induction motor	
301	20297	*Sakimaki V., Tiainen R., Lindh T., Ahola J.*	Finland
		Applicability of zigbee technology to electric motor rotor measurements	
302	20367	*Bruzzese C., Honorati O., Santini E.*	Italy
		Spectral analyses of directly measured stator and rotor currents for induction motor bar breakages characterization by M.C.S.A.	
303	20354	*Gabano J. D., Champenois G.*	France
		Synchronous generator parameters measurement from load impacts and shedding experiments	
304	20195	*Kosonen A., Jokinen M., Sarkimaki V., Ahola J., Niemela M.*	Finland
		Motor feedback speed control by utilizing the motor feeder cable as a communication channel	
305	20019	*Feng Z., Acarnley P.*	U. K.
		Interpolation technique for encoder resolution improvement in permanent magnet synchronous motor drives	
306	20073	*Ahola J., Kosonen A., Toukonen J., Lindh T.*	Finland
		A new approach to data transmission between an electric motor and an inverter	
307	20210	*Khan M.A.S.K., Radwan T.S., Rahman M.A.,*	Canada
		Discrete wavelet based detection and classification of disturbances in three-phase induction motor	
308	17126	*Nasr Khoidja M. A., Ben Salah B., Brochet P.*	Tunisie-France
		Fuzzy logic control for a single sided linear induction motor	
309	17225	*Ahmad M., Ki-Young S.,Hyun-Woo L., Nakaoka M.*	Korea
		A new starting technique of linear engine coupled three-phase linear generator using position feedback control-based PWM inverter	
310	17264	*Reinschke J.*	Germany
		Stroke control of a reciprocating linear motor connected to a slowly VARYNG mechanical load	
311	17280	*Gehrking R., Demming S., Feldmann M., Ponick M., Buttgenbach S.*	Germany
		Specific design rules for micro linear motors	
312	17293	*Bacher J.*	Austria
		Innovative designs of high dynamic linear asynchronous motors	
313	17250	*Honda Y., Torii S., Ebihara D., Hasegawa Y., Hirata K.*	Japan
		Development of cylindrical two-dimensional linear oscillatory actuator	
314	17338	*Deliang Liang, Sun Shumin, Xie Zengrong*	China
		Analysis on control system of linear permanent magnet brushless DC motor based on single neuron PID	
315	21055	*Lin T-K., Meydan T.*	U. K.
		Parameters design with magnetic forces by 3DFEM for high positioning motor	
316	21057	*Parasiliti F., Villani M.*	Italy
		Dynamic analysis of synchronous reluctance motors by simulink and finite element model	
317	21074	*Neumayer F., Schlemmer E., Ramsauer F.*	Austria
		Finite element analysis of the starting behaviour of large salient pole machines	
318	21128	*Valtonen M., Pyrhönen J., Parviainen A.*	Finland
		Electromagnetic field analysis of 3D structure of axial-flux solid-rotor induction motor	
319	21303	*Troster E., Sperling M., Hartkopf Th.*	Germany
		Finite element analysis of a permanent magnet induction machine	
320	21049	*Puranen J., Pyrhönen J.*	Finland
		Optimization of induction servomotor loadability with coupled electromagnetic-thermal model	
321	21117	*Koo D-H., Chun Y-D., Cho Y-H*	Korea
		Analysis of overhang effect in a novel axial flux PM motor	

322	12122	Baoming G.	China
		Design of transverse flux linear switched reluctance motor	
323	12124	Mendrela E. A., Xinglong L.	USA
		Jumping switched reluctance motor operating as a hoist	
324	12172	Chai J. Y., Liaw C. M.	Taiwan
		Power factor and vibration assessments for switched-reluctance motor fed by switch-mode rectifier	
325	12193	Bhiwapurkar N., Mohan N.	USA
		Torque ripple optimization in switched reluctance motor using two-phase model and optimization search technique	
326	12261	Zhan Q., Sun J., Wang S., Ma Z.	China
		Parameter-optimized three-step commutation method for the reduction of vibration and acoustic noise in switched reluctance motor	
327	10129	Chang H.J., Liaw C.M.	Taiwan
		Development of a front-end converter for switched-reluctance motor drive	
328	12295	Hudak P., Hrabovcova V., Rafajdus P.	Slovak Republic
		Geometrical dimension influence of multi-barrier rotor on reluctance synchronous motor performances	
329	25015	Budig P.K.	Germany
		Direct linear drives for the application in high- vacuum	
330	25116	Oswald A., Herzog H.G., Merwert J.. Hörz M.	Germany
		A simple method for developing and testing a drive intended to be used in vacuum	
331	25063	Goncalves A.C.V., Ardisson E.V., Dias E.V., Campos J.F., Zanandrea P.H.F.	Brazil
		Non-conventional application of AC drives - Use of AC drives in emergency systems. Case study: tilting system of torpedo car in CST BOF Shop	
332	25173	Moehle A.	Germany
		Optimization of converter-fed super-large drives with parallel winding systems	
333	25188	Wallace R. R., Tapia J. A., Diaz L.A.	Chile
		Design of a 75 kW - 167 rpm axial-flux permanent magnet synchronous motor for copper mining applications	
334	25192	Dlugiewicz L., Kolowrotkiewicz J., Neumann R., Szelag W.	Poland
		Electrical motor for liquid gas pump	
335	26310	Castellan S., Quaia S., Scialla P., Sulligoi G.	Italy
		All electric Mega Yachts: Integrated power system operation and its interaction with propulsion converters	
336	06046	Čeřovský Z.	Czech Republic
		Physical modeling of electric hybrid vehicle	
337	06054	Mauldin R., Hurt R., Baghzouz Y., Boehm R.F.	USA
		Light-weight fuel cell-battery hybrid vehicle demonstration project	
338	06200	Kudarauskas S., Didziokas R.	Lithuania
		Assembly of oscillating generator and free-piston engine for hybrid electric vehicle	
339	06224	Andriollo M., Martinelli G., Morini A., Stellin S., Tortella A.	Italy
		Rating of the power components in series-hybrid buses with different supply control strategies	
340	06071	Hannoun H., Diallo D., Marchand C.	France
		Energy management strategy for a parallel hybrid electric vehicle using fuzzy logic	
341	06386	Argondizza A., Naretto R., Dufour C., Abouridad S., Belanger J.	Italy
		Real-time simulation of fuel cell hybrid electric vehicles	
342	02039	Li H., Li Z., Halang W.A., Cheni G.	Germany
		Analyzing chaotic spectra of DC-DC converters using Prony method	
343	02017	Moreno-Muñoz A.	Spain
		Analysis of voltage dips in PWM AC-DC converters	
344	02339	Buti B., Nagy I., Masada E.	Hungary/ Japan
		Stability analysis of PWM-controlled dual channel resonant buck converter using PI controller	
345	02146	De Simone S., Adragna C., Spini C., Gattavari G.	Italy
		Design-oriented steady-state analysis of LLC resonant converters based on first-harmonic approximation	
346	02059	Nasiri A.	USA
		Modeling and analysis of series-parallel uninterruptible power supply using generalized state space averaging method	
347	02278	Zambra D. A. B., Rech C.R., Pinheiro J.R.	Brazil
		Impact of hybrid multilevel modulation strategy on semiconductors power losses	
348	36196	Serrao V., Conti L., Di Napoli A., Solero L.	Italy
		Emission testing for the EMC performance evaluation of an electric wheelchair	
349	36142	Cecconi V., Matranga A., Ragusa A.	Italy
		EMI analysis in electrical drives when the grounding system is excited by a lightning strike using a suitable circuital model	
350	36284	Zhao D., Ferreira J.A., Polinder H., Laferink F.B.J.	The Netherlands
		Investigation of EMI noise transfer characteristic of adjustable speed drive system	
351	36316	Khoudiri S., Abidi Z., Djennah M.	Algeria

		Three dimensional modeling of an enclosure illuminated by electromagnetic source	
352	36360	*Goo-Hwan Shin, Jin-Kyu Kim, Cheol-Woo Lim, Kyung-Hwa Park, Kyung-In Kang and Jong-Tae Lim*	Korea
		On ground schemes for STSAT-2 to reduce electrical interference based on the isolation between units	
353	07178	*Ottosson J., Alakula M.*	Sweden
		Implementation of field weakening control	
354	38184	*Dahidah M. S. A., Agelidis V. G.*	Malaysia
		A hybrid genetic algorithm for switching angels and DC voltage sources optimization for selective harmonic elimination multilevel inverter control	
355	13010	*Iyer N., Zhu J.*	Australia
		Modelling and simulation of a six step discontinuous conduction mode hysteresis current controlled inverter fed PMSM drive	
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		Commutation torque ripple of four-switch brushless DC motor drives part II: controllability and minimization	