Bor-Ren Lin

List of Publications by Year in Descending Order

192 papers	1,756 citations	22 h-index	30 g-index
277 ext. papers	2,161 ext. citations	3 avg, IF	5.52 L-index

#	Paper	IF	Citations
192	Analysis and Implementation of a Bidirectional Converter with Soft Switching Operation. *Processes*, **2022**, 10, 561	2.9	1
191	Investigation of a hybrid converter with 16:1 wide voltage operation. *Electronics Letters*, **2021**, 57, 74-77	1.1	1
190	Analysis of a Series-Parallel Resonant Converter for DC Microgrid Applications. *Processes*, **2021**, 9, 542	2.9	4
189	Analysis of a PWM Converter with Less Current Ripple, Wide Voltage Operation and Zero-Voltage Switching. *Processes*, **2021**, 9, 580	2.9	
188	Hybrid DC-DC Converter with Low Switching Loss, Low Primary Current and Wide Voltage Operation. *Energies*, **2021**, 14, 2536	3.1	1
187	Analysis of a Resonant Converter with Wide Input Voltage. *Electronics (Switzerland)*, **2021**, 10, 1110	2.6	2
186	Analysis and Implementation of a Frequency Control DC□DC Converter for Light Electric Vehicle Applications. *Electronics (Switzerland)*, **2021**, 10, 1623	2.6	4
185	Analysis of a Wide Voltage Hybrid Soft Switching Converter. *Electronics (Switzerland)*, **2021**, 10, 473	2.6	1
184	Implementation of a Resonant Converter with Topology Morphing to Achieve Bidirectional Power Flow. *Energies*, **2021**, 14, 5186	3.1	1
183	Analysis and Implementation of a Phase-Shift Pulse-Width Modulation Converter with Auxiliary Winding Turns. *Energies*, **2020**, 13, 222	3.1	0
182	Phase-Shift PWM Converter with Wide Voltage Operation Capability. *Electronics (Switzerland)*, **2020**, 9, 47	2.6	4
181	Wide Voltage Resonant Converter Using a Variable Winding Turns Ratio. *Electronics (Switzerland)*, **2020**, 9, 370	2.6	6
180	DC□DC converter implementation with wide output voltage operation. *Journal of Power Electronics*, **2020**, 20, 376-387	0.9	4
179	Hybrid Resonant Converter with Three Half-Bridge Legs for Wide Voltage Operation. *Applied Sciences (Switzerland)*, **2020**, 10, 310	2.6	1
178	Resonant converter with less voltage rating of power switches and wide voltage operation. *Electronics Letters*, **2020**, 56, 503-506	1.1	
177	Implementation of a Wide Input Voltage Resonant Converter with Voltage Doubler Rectifier Topology. *Electronics (Switzerland)*, **2020**, 9, 1931	2.6	1
176	Hybrid LLC Converter with Wide Range of Zero-Voltage Switching and Wide Input Voltage Operation. *Applied Sciences (Switzerland)*, **2020**, 10, 8250	2.6	3

175	Hybrid DC Converter with Current Sharing and Low Freewheeling Current Loss. *Energies*, **2020**, 13, 6631	3.1	
174	Interleaved soft switching resonant converter with a small input ripple current. *International Journal of Electronics*, **2020**, 107, 644-658	1.2	2
173	Analysis and Verification of a Wide Input Voltage PWM Converter with Variable Windings. *Energies*, **2020**, 13, 1634	3.1	1
172	Analysis of a DC Converter with Low Primary Current Loss and Balance Voltage and Current. *Electronics (Switzerland)*, **2019**, 8, 439	2.6	8
171	Bidirectional DC resonant converter with magnetic-coupling current balance. *International Journal of Electronics*, **2019**, 106, 1360-1373	1.2	1
170	Resonant Converter with Voltage-Doubler Rectifier or Full-Bridge Rectifier for Wide-Output Voltage and High-Power Applications. *Electronics (Switzerland)*, **2019**, 8, 3	2.6	4
169	Parallel current-fed resonant converter with balance current sharing and no input ripple current. *IET Power Electronics*, **2019**, 12, 212-219	2.2	7
168	Implementation of a soft switching converter with series DC□DC circuits and single transformer. *IET Power Electronics*, **2019**, 12, 1249-1255	2.2	2
167	Resonant Converter with Soft Switching and Wide Voltage Operation. *Energies*, **2019**, 12, 3479	3.1	3
166	Implementation of a Parallel-Series Resonant Converter with Wide Input Voltage Range. *Energies*, **2019**, 12, 4095	3.1	6
165	Novel ZVS DC-DC converter with low current ripple for light rail transit. *International Journal of Electronics*, **2019**, 106, 567-580	1.2	1
164	Hybrid full-bridge converter for DC microgrids: analysis and implementation. *IET Power Electronics*, **2018**, 11, 817-824	2.2	4
163	Soft switching resonant converter with duty-cycle control in DC micro-grid system. *International Journal of Electronics*, **2018**, 105, 137-152	1.2	2
162	Zero-voltage DC/DC converter with asymmetric pulse-width modulation for DC micro-grid system. *International Journal of Electronics*, **2018**, 105, 679-693	1.2	3
161	Parallel full-bridge converter for low voltage DC microgrid applications **2018**,		1
160	Low-primary current and wide hold-up time DC□DC converter: analysis and implementation. *IET Power Electronics*, **2018**, 11, 1822-1829	2.2	
159	Frequency-Controlled Current-Fed Resonant Converter with No Input Ripple Current. *Energies*, **2018**, 11, 413	3.1	2
158	Investigation of a Resonant dc□dc Converter for Light Rail Transportation Applications. *Energies*, **2018**, 11, 1078	3.1	7

157	Bidirectional Resonant Converter with Half-Bridge Circuits: Analysis, Design, and Implementation. *Energies*, **2018**, 11, 1259	3.1	4
156	Series resonant converter with auxiliary winding turns: analysis, design and implementation. *International Journal of Electronics*, **2018**, 105, 836-847	1.2	4
155	Modular zero-voltage switching converter for direct current microgrid applications. *IET Power Electronics*, **2018**, 11, 1813-1821	2.2	
154	Soft Switching DC Converter for Medium Voltage Applications. *Electronics (Switzerland)*, **2018**, 7, 449	2.6	3
153	Bidirectional DC Converter with Frequency Control: Analysis and Implementation. *Energies*, **2018**, 11, 2450	3.1	3
152	Resonant converter with wide input voltage range and input current ripple-free. *Electronics Letters*, **2018**, 54, 1086-1088	1.1	8
151	Series-Connected High Frequency Converters in a DC Microgrid System for DC Light Rail Transit. *Energies*, **2018**, 11, 266	3.1	2
150	Soft switching DC/DC converter with high voltage gain and less current ripple. *International Journal of Circuit Theory and Applications*, **2017**, 45, 338-353	2	2
149	Parallel full-bridge converter with wide ZVS and low freewheeling current. *International Journal of Electronics*, **2017**, 104, 1332-1345	1.2	3
148	LLC Resonant Converter with Additional Secondary Winding to Extend Hold-Up Time. *Electric Power Components and Systems*, **2017**, 45, 672-680	1	1
147	Interleaved zero-voltage switching three-level converter with less output inductor counts. *IET Power Electronics*, **2017**, 10, 707-716	2.2	3
146	Modular resonant DC/DC converter for DC grid system applications. *IET Renewable Power Generation*, **2017**, 11, 952-958	2.9	7
145	Hybrid DCDC converter with high efficiency, wide ZVS range, and less output inductance. *International Journal of Circuit Theory and Applications*, **2016**, 44, 996-1011	2	9
144	New zero voltage switching DC converter with flying capacitors. *International Journal of Electronics*, **2016**, 103, 686-703	1.2	1
143	Analysis, design and implementation of an interleaved three-level PWM DC/DC ZVS converter. *International Journal of Electronics*, **2016**, 103, 322-341	1.2	4
142	Hybrid full-bridge and LLC converter with wide ZVS range and less output inductance. *IET Power Electronics*, **2016**, 9, 377-384	2.2	14
141	New series half-bridge converters with the balance input split capacitor voltages. *International Journal of Electronics*, **2016**, 103, 504-515	1.2	3
140	Hybrid DC/DC converter based on dual three-level circuit and half-bridge circuit. *IET Power Electronics*, **2016**, 9, 817-824	2.2	14

139	A new parallel ZVS converter with less power switches and low current stress components. *International Journal of Circuit Theory and Applications*, **2016**, 44, 874-892	2	1
138	Soft-switching converter with low circulating current and wide range of ZVS turn-on. *International Journal of Circuit Theory and Applications*, **2016**, 44, 328-341	2	4
137	Analysis and implementation of wide zero-voltage switching dual full-bridge converters. *IET Power Electronics*, **2016**, 9, 751-760	2.2	3
136	Analysis and implementation of a three-level hybrid dc□dc converter with the balanced capacitor voltages. *IET Power Electronics*, **2016**, 9, 457-465	2.2	7
135	Implementation of a new medium voltage asymmetric pulse-width modulation converter with balanced input capacitor voltages. *IET Power Electronics*, **2015**, 8, 1411-1419	2.2	
134	Interleaved resonant converter with the balanced flying capacitors. *IET Power Electronics*, **2015**, 8, 447-457	2.2	4
133	Soft switching DC/DC converter with five resonant tanks for medium voltage applications. *IET Power Electronics*, **2015**, 8, 1864-1874	2.2	3
132	Analysis of a DC/DC converter with wide ZVS range and low circulating current **2015**,		2
131	DC/DC converter with parallel input and parallel output with shared power switches and rectifier diodes. *IET Power Electronics*, **2015**, 8, 814-821	2.2	2
130	Analysis, design and implementation of a wide ZVS full-bridge converter **2015**,		1
129	Medium Voltage Resonant Converter with Balanced Input Capacitor Voltages and Output Diode Currents. *Journal of Power Electronics*, **2015**, 15, 389-398	0.9	1
128	Analysis and implementation of a zero-voltage switching pulse-width modulation resonant converter. *IET Power Electronics*, **2014**, 7, 148-156	2.2	12
127	New Parallel ZVS Converter With Less Active Switches and Smaller Output Inductance. *IEEE Transactions on Power Electronics*, **2014**, 29, 3297-3307	7.2	14
126	Half-bridge ZVS converter with three resonant tanks **2014**,		1
125	DC converter with three circuit cells □analysis, design and experimental evaluation. *IET Power Electronics*, **2014**, 7, 1954-1963	2.2	2
124	Analysis and implementation of a zero-voltage switching asymmetric pulse-width modulation converter for high load current application. *IET Power Electronics*, **2014**, 7, 1435-1443	2.2	7
123	Analysis and implementation of a new zero-voltage switching DC converter with less active switches. *IET Power Electronics*, **2014**, 7, 85-95	2.2	5
122	Soft switching resonant converter with flying capacitor and two series half-bridge legs. *IET Power Electronics*, **2014**, 7, 811-818	2.2	2

121	Zero voltage switching DC converter for high-input voltage and high-load current applications. *IET Power Electronics*, **2014**, 7, 124-131	2.2	12
120	New ZVS DC--DC Converter With Series-Connected Transformers to Balance the Output Currents. *IEEE Transactions on Power Electronics*, **2014**, 29, 246-255	7.2	20
119	Parallel asymmetric pulse-width modulation converters with same power switches for medium power applications. *IET Power Electronics*, **2014**, 7, 3137-3146	2.2	1
118	Interleaved resonant converter with flying capacitor **2014**,		2
117	Analysis, design and implementation of a high-voltage gain DC-DC converter. *International Journal of Circuit Theory and Applications*, **2014**, 42, 1-14	2	9
116	Implementation of a Soft Switching Converter with High Input Voltage. *International Journal of Circuit Theory and Applications*, **2014**, 42, 15-27	2	1
115	Analysis and implementation of a soft switching DC/DC converter with three asymmetric PWM circuits. *International Journal of Circuit Theory and Applications*, **2014**, 42, 494-510	2	5
114	Interleaved ZVS DC/DC Converter with Balanced Input Capacitor Voltages for High-voltage Applications. *Journal of Power Electronics*, **2014**, 14, 661-670	0.9	2
113	Implementation of an interleaved pulse-width modulation converter for renewable energy conversion. *International Journal of Circuit Theory and Applications*, **2013**, 41, 168-185	2	14
112	Zero-voltage-switching DC/DC converter with three three-level pulse-width modulation circuit cells. *IET Power Electronics*, **2013**, 6, 1-8	2.2	12
111	Parallel resonant converter with flying capacitor **2013**,		3
110	Resonant converter with fixed frequency control **2013**,		1
109	Analysis of an Interleaved Three-Level ZVS Converter With Series-Connected Transformers. *IEEE Transactions on Power Electronics*, **2013**, 28, 3088-3099	7.2	20
108	Analysis of an interleaved zero-voltage switching/zero current switching resonant converter with duty cycle control. *IET Power Electronics*, **2013**, 6, 374-382	2.2	16
107	Zero-voltage switching full-bridge DC/DC converter with parallel-connected output and without output inductor. *IET Power Electronics*, **2013**, 6, 505-515	2.2	13
106	Analysis and implementation of a new soft switching DC/DC PWM converter. *IET Power Electronics*, **2013**, 6, 202-213	2.2	8
105	Analysis of a novel resonant converter with series connected transformers. *IET Power Electronics*, **2013**, 6, 611-623	2.2	10
104	Implementation of a soft switching DC/DC converter without reverse recovery loss for rectifier diodes. *IET Power Electronics*, **2013**, 6, 108-116	2.2	7

103	A New ZVS DC/DC Converter With Three APWM Circuits. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 4351-4358	8.9	12
102	ZVS DC/DC Converter Based on Two Three-Level PWM Circuits Sharing the Same Power Switches. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 4191-4200	8.9	16
101	Soft-Switching Converter With Two Series Half-Bridge Legs to Reduce Voltage Stress of Active Switches. *IEEE Transactions on Industrial Electronics*, **2013**, 60, 2214-2224	8.9	17
100	Analysis, Design, and Implementation of a Soft-Switching Converter With Two Three-Level PWM Circuits. *IEEE Transactions on Power Electronics*, **2013**, 28, 1700-1710	7.2	13
99	Interleaved double series resonant converter **2011**,		1
98	Implementation of an interleaved ZVS/ZCS DC/DC converter **2011**,		1
97	Analysis and design of a soft-switching Sepic□uk converter. *International Journal of Electronics*, **2011**, 98, 81-96	1.2	2
96	Analysis and Implementation of a ZVS/ZCS DC□DC Switching Converter With Voltage Step-Up. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 2962-2971	8.9	32
95	ZVS Converter With Parallel Connection in Primary Side and Series Connection in Secondary Side. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 1251-1258	8.9	14
94	Analysis and Implementation of a Dual Resonant Converter. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 2952-2961	8.9	8
93	ZVS Resonant Converter With Parallel□Series Transformer Connection. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 2972-2979	8.9	29
92	ZVS Resonant Converter With Series-Connected Transformers. *IEEE Transactions on Industrial Electronics*, **2011**, 58, 3547-3554	8.9	22
91	Interleaved DC□DC zero-voltage switching converter with series-connected in the primary side and parallel-connected in the secondary side. *IET Power Electronics*, **2011**, 4, 257	2.2	4
90	Implementation of parallel zero-voltage switching converter with series-connected transformers. *International Journal of Circuit Theory and Applications*, **2011**, 41, n/a-n/a	2	3
89	Analysis of series resonant converter with series□parallel connection. *International Journal of Electronics*, **2011**, 98, 249-262	1.2	8
88	Implementation of a series resonant converter with series-parallel connection **2011**,		1
87	ZVS Double-Ended □uk Converter. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2010**, 57, 908-912	3.5	2
86	Interleaved LLC series converter with output voltage doubler **2010**,		11

85	Analysis and implementation of an interleaved ZVS bi-flyback converter. *IET Power Electronics*, **2010**, 3, 259	2.2	15
84	Analysis, design and experimentation of an interleaved active-clamping buck-type converter. *International Journal of Electronics*, **2010**, 97, 677-693	1.2	3
83	Zero-voltage-switching/zero-current-switching soft-switching dual-resonant converter. *International Journal of Electronics*, **2010**, 97, 569-585	1.2	6
82	Active-clamping dual resonant converter **2009**,		3
81	Analysis of a new ZVS converter with output voltage doubler. *International Journal of Electronics*, **2009**, 96, 1057-1070	1.2	6
80	Analysis and implementation of active-clamping double-ended converter. *International Journal of Electronics*, **2009**, 96, 1265-1280	1.2	1
79	Analysis of ZVS PWM active clamp isolated converter with secondary voltage step up. *International Journal of Electronics*, **2009**, 96, 977-988	1.2	4
78	Novel interleaved ZVS converter with ripple current cancellation. *International Journal of Circuit Theory and Applications*, **2009**, 37, 413-431	2	30
77	Analysis and implementation of a dual-output LLC resonant converter. *International Journal of Electronics*, **2009**, 96, 733-747	1.2	12
76	Analysis and implementation of a novel soft-switching pulse-width modulation converter. *IET Power Electronics*, **2009**, 2, 90-101	2.2	19
75	Active-clamp ZVS converter with step-up voltage conversion ratio **2009**,		6
74	Integrated Cuk-forward converter for photovoltaic-based LED lighting. *International Journal of Electronics*, **2009**, 96, 943-959	1.2	10
73	ZVS half-bridge SMPS design for LCD monitor and LCD-TV. *International Journal of Electronics*, **2009**, 96, 189-204	1.2	6
72	Implementation of an interleaved ZVS boost-type converter **2009**,		3
71	Analysis of an integrated flyback and zeta converter with active clamping technique. *IET Power Electronics*, **2009**, 2, 355-363	2.2	24
70	Analysis and implementation of an integrated sepic-forward converter for photovoltaic-based light emitting diode lighting. *IET Power Electronics*, **2009**, 2, 635-645	2.2	15
69	Active-clamp ZVS converter with step-up voltage conversion ratio. *International Journal of Electronics*, **2009**, 96, 491-502	1.2	7
68	Analysis and implementation of active clamp SEPIC converter with synchronous rectifier. *International Journal of Electronics*, **2008**, 95, 1265-1278	1.2	7

67	Asymmetrical pulse-width modulation bidirectional DC–DC converter. *IET Power Electronics*, **2008**, 1, 336	2.2	24
66	Analysis, Design, and Implementation of a Parallel ZVS Converter. *IEEE Transactions on Industrial Electronics*, **2008**, 55, 1586-1594	8.9	30
65	Interleaved ZVS Converter With Ripple-Current Cancellation. *IEEE Transactions on Industrial Electronics*, **2008**, 55, 1576-1585	8.9	32
64	Analysis, design and implementation of an active snubber zero-voltage switching Cuk converter. *IET Power Electronics*, **2008**, 1, 50	2.2	11
63	Analysis and implementation of a soft switching converter with high-voltage conversion ratio. *IET Power Electronics*, **2008**, 1, 386	2.2	42
62	Analysis and implementation of a bidirectional ZVS dc-dc converter with active clamp **2008**,		7
61	Analysis of the ZVS two-switch forward converter with synchronous current doubler rectifier. *International Journal of Circuit Theory and Applications*, **2008**, 36, 311-325	2	32
60	Design and implementation of an interleaved soft-switching converter with output voltage doubler. *International Journal of Circuit Theory and Applications*, **2008**, 38, n/a-n/a	2	2
59	Analysis and implementation of a soft switching interleaved forward converter with current doubler rectifier. *IET Electric Power Applications*, **2007**, 1, 697	1.8	14
58	Analysis and Implementation of a ZVS-PWM Converter With Series-Connected Transformers. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2007**, 54, 917-921	3.5	11
57	Analysis of the Two-Switch Forward Converter with Synchronous Current Doubler Rectifier **2007**,		2
56	Implementation of the Soft Switching DC/DC Converter **2007**,		1
55	Active Clamp Sepic Converter with Power Factor Correction **2007**,		7
54	Analysis of Parallel-Connected Asymmetrical Soft-Switching Converter. *IEEE Industrial Electronics Magazine*, **2007**, 54, 1642-1653	6.2	54
53	Soft-Switching Zeta–Flyback Converter With a Buck–Boost Type of Active Clamp. *IEEE Transactions on Industrial Electronics*, **2007**, 54, 2813-2822	8.9	85
52	Design and implementation of zero-voltage-switching flyback converter with synchronous rectifier. *IET Electric Power Applications*, **2006**, 153, 420		22
51	Analysis and implementation of ZVS forward converter with centre-tapped rectifier. *IET Electric Power Applications*, **2006**, 153, 642		10
50	Analysis, design, and implementation of an active clamp forward converter with synchronous rectifier. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **2006**, 53, 1310-1319		42

49	Analysis of a Zero-Voltage Switching Converter With Two Transformers. *IEEE Transactions on Circuits and Systems Part 2: Express Briefs*, **2006**, 53, 1088-1092		12
48	Implementation of a Three-Phase Capacitor-Clamped Active Power Filter Under Unbalanced Condition. *IEEE Transactions on Industrial Electronics*, **2006**, 53, 1621-1630	8.9	49
47	Implementation of active power filter with asymmetrical inverter legs for harmonic and reactive power compensation. *Electric Power Systems Research*, **2005**, 73, 227-237	3.5	10
46	Analysis and implementation of a zero-voltage switching forward converter with a synchronous rectifier. *IET Electric Power Applications*, **2005**, 152, 1085		25
45	Analysis, Design and Implementation of an Active Clamp Forward Converter with Synchronous Rectifier **2005**,		9
44	Analysis and implementation of full-bridge converter with current doubler rectifier. *IET Electric Power Applications*, **2005**, 152, 1193		70
43	Active power filter based on three-phase two-leg switch-clamped inverter. *Electric Power Systems Research*, **2004**, 72, 63-72	3.5	7
42	. *IEEE Transactions on Aerospace and Electronic Systems*, **2004**, 40, 553-566	3.7	12
41	. *IEEE Transactions on Aerospace and Electronic Systems*, **2004**, 40, 180-189	3.7	11
40	Three-phase power quality compensator under the unbalanced sources and nonlinear loads. *IEEE Transactions on Industrial Electronics*, **2004**, 51, 1009-1017	8.9	27
39	Analysis and operation of hybrid active filter for harmonic elimination. *Electric Power Systems Research*, **2002**, 62, 191-200	3.5	32
38	Development of a single-phase five-level PWM rectifier for integrated power quality compensation based on sliding mode control. *International Journal of Electronics*, **2002**, 89, 381-401	1.2	4
37	Single-phase integrated power quality compensator based on capacitor-clamped configuration. *IEEE Transactions on Industrial Electronics*, **2002**, 49, 173-185	8.9	10
36	. *IEEE Transactions on Aerospace and Electronic Systems*, **2002**, 38, 1287-1294	3.7	6
35	A single-phase three-level pulsewidth modulation AC/DC converter with the function of power factor corrector and active power filter. *Electric Power Systems Research*, **2001**, 58, 157-167	3.5	5
34	Control technique for high power factor multilevel rectifier. *IEEE Transactions on Aerospace and Electronic Systems*, **2001**, 37, 226-241	3.7	8
33	New multilevel rectifier based on series connection of H-bridge cell. *IET Electric Power Applications*, **2000**, 147, 304		39
32	Control techniques for a high power factor multilevel rectifier based on double boost converter. *International Journal of Electronics*, **2000**, 87, 879-895	1.2	2

31	. *IEEE Transactions on Aerospace and Electronic Systems*, **2000**, 36, 948-956	3.7	21
30	Implementation of a three-level rectifier for power factor correction. *IEEE Transactions on Power Electronics*, **2000**, 15, 891-900	7.2	10
29	. *IEEE Transactions on Aerospace and Electronic Systems*, **2000**, 36, 482-490	3.7	5
28	A novel PWM scheme for single-phase three-level power-factor-correction circuit. *IEEE Transactions on Industrial Electronics*, **2000**, 47, 245-252	8.9	21
27	. *IEEE Transactions on Aerospace and Electronic Systems*, **2000**, 36, 189-200	3.7	16
26	A new control scheme for single-phase PWM multilevel rectifier with power-factor correction. *IEEE Transactions on Industrial Electronics*, **1999**, 46, 820-829	8.9	25
25	Multilevel AC/DC/AC converter by using three-level boost rectifier and five-level diode clamped inverter **1999**,		1
24	. *IEEE Transactions on Aerospace and Electronic Systems*, **1999**, 35, 935-943	3.7	22
23	Single-phase three-level PWM rectifier **1999**,		1
22	Multilevel inverter with series connection of H-bridge cells **1999**,		1
21	. *IEEE Transactions on Aerospace and Electronic Systems*, **1998**, 34, 664-670	3.7	11
20	Power converter control based on neural and fuzzy methods. *Electric Power Systems Research*, **1995**, 35, 193-206	3.5	9
19	Neural networks and fuzzy logic in power electronics. *Control Engineering Practice*, **1994**, 2, 113-121	3.9	7
18	Implementation of three-level AC/DC/AC converter with power factor correction and harmonic reduction		1
17	Analysis, design and implementation of an active clamp flyback converter		5
16	A multi-function single-phase voltage source inverter with current harmnonic elimination and voltage regulation features		2
15	Analysis, design and implementation of an asymmetrical half-bridge converter		1
14	Study of dynamic voltage restorer under the abnormal voltage conditions		3

13	Single-phase high-power-factor rectifier with capacitor-clamped topology	4
12	Single-phase three-level converter for power factor correction	2
11	Analysis and implementation of shunt active power filter with three-level PWM scheme	6
10	Single-phase converter with flying capacitor topology	4
9	Hybrid Active Power Filter for power quality compensation	6
8	High-power-factor single-phase switch clamped rectifier	1
7	A single-phase three-level boost type rectifier	2
6	A single-phase bidirectional rectifier with power factor correction	2
5	Bi-directional AC/DC converter based on neutral point clamped	5
4	Shunt active filter with sliding mode control	3
3	High-power factor rectifier based on neutral point clamped scheme	1
2	Implementation of nondeterministic PWM for inverter drives	1
1	High power factor of metal halide lamp with dimming control	2