

Bor-Ren Lin

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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	Soft-Switching Zeta Flyback Converter With a BuckBoost Type of Active Clamp. <i>IEEE Transactions on Industrial Electronics</i> , 2007 , 54, 2813-2822	8.9	85
191	Analysis and implementation of full-bridge converter with current doubler rectifier. <i>IET Electric Power Applications</i> , 2005 , 152, 1193		70
190	Analysis of Parallel-Connected Asymmetrical Soft-Switching Converter. <i>IEEE Industrial Electronics Magazine</i> , 2007 , 54, 1642-1653	6.2	54
189	Implementation of a Three-Phase Capacitor-Clamped Active Power Filter Under Unbalanced Condition. <i>IEEE Transactions on Industrial Electronics</i> , 2006 , 53, 1621-1630	8.9	49
188	Analysis and implementation of a soft switching converter with high-voltage conversion ratio. <i>IET Power Electronics</i> , 2008 , 1, 386	2.2	42
187	Analysis, design, and implementation of an active clamp forward converter with synchronous rectifier. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2006 , 53, 1310-1319		42
186	New multilevel rectifier based on series connection of H-bridge cell. <i>IET Electric Power Applications</i> , 2000 , 147, 304		39
185	Analysis and Implementation of a ZVS/ZCS DCDC Switching Converter With Voltage Step-Up. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2962-2971	8.9	32
184	Interleaved ZVS Converter With Ripple-Current Cancellation. <i>IEEE Transactions on Industrial Electronics</i> , 2008 , 55, 1576-1585	8.9	32
183	Analysis of the ZVS two-switch forward converter with synchronous current doubler rectifier. <i>International Journal of Circuit Theory and Applications</i> , 2008 , 36, 311-325	2	32
182	Analysis and operation of hybrid active filter for harmonic elimination. <i>Electric Power Systems Research</i> , 2002 , 62, 191-200	3.5	32
181	Novel interleaved ZVS converter with ripple current cancellation. <i>International Journal of Circuit Theory and Applications</i> , 2009 , 37, 413-431	2	30
180	Analysis, Design, and Implementation of a Parallel ZVS Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2008 , 55, 1586-1594	8.9	30
179	ZVS Resonant Converter With Parallel-Series Transformer Connection. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2972-2979	8.9	29
178	Three-phase power quality compensator under the unbalanced sources and nonlinear loads. <i>IEEE Transactions on Industrial Electronics</i> , 2004 , 51, 1009-1017	8.9	27
177	Analysis and implementation of a zero-voltage switching forward converter with a synchronous rectifier. <i>IET Electric Power Applications</i> , 2005 , 152, 1085		25
176	A new control scheme for single-phase PWM multilevel rectifier with power-factor correction. <i>IEEE Transactions on Industrial Electronics</i> , 1999 , 46, 820-829	8.9	25

175	Analysis of an integrated flyback and zeta converter with active clamping technique. <i>IET Power Electronics</i> , 2009 , 2, 355-363	2.2	24
174	Asymmetrical pulse-width modulation bidirectional DCDC converter. <i>IET Power Electronics</i> , 2008 , 1, 336	2.2	24
173	ZVS Resonant Converter With Series-Connected Transformers. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 3547-3554	8.9	22
172	Design and implementation of zero-voltage-switching flyback converter with synchronous rectifier. <i>IET Electric Power Applications</i> , 2006 , 153, 420		22
171	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1999 , 35, 935-943	3.7	22
170	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2000 , 36, 948-956	3.7	21
169	A novel PWM scheme for single-phase three-level power-factor-correction circuit. <i>IEEE Transactions on Industrial Electronics</i> , 2000 , 47, 245-252	8.9	21
168	New ZVS DC-DC Converter With Series-Connected Transformers to Balance the Output Currents. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 246-255	7.2	20
167	Analysis of an Interleaved Three-Level ZVS Converter With Series-Connected Transformers. <i>IEEE Transactions on Power Electronics</i> , 2013 , 28, 3088-3099	7.2	20
166	Analysis and implementation of a novel soft-switching pulse-width modulation converter. <i>IET Power Electronics</i> , 2009 , 2, 90-101	2.2	19
165	Soft-Switching Converter With Two Series Half-Bridge Legs to Reduce Voltage Stress of Active Switches. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 2214-2224	8.9	17
164	Analysis of an interleaved zero-voltage switching/zero current switching resonant converter with duty cycle control. <i>IET Power Electronics</i> , 2013 , 6, 374-382	2.2	16
163	ZVS DC/DC Converter Based on Two Three-Level PWM Circuits Sharing the Same Power Switches. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 4191-4200	8.9	16
162	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2000 , 36, 189-200	3.7	16
161	Analysis and implementation of an interleaved ZVS bi-flyback converter. <i>IET Power Electronics</i> , 2010 , 3, 259	2.2	15
160	Analysis and implementation of an integrated sepic-forward converter for photovoltaic-based light emitting diode lighting. <i>IET Power Electronics</i> , 2009 , 2, 635-645	2.2	15
159	Hybrid full-bridge and LLC converter with wide ZVS range and less output inductance. <i>IET Power Electronics</i> , 2016 , 9, 377-384	2.2	14
158	Hybrid DC/DC converter based on dual three-level circuit and half-bridge circuit. <i>IET Power Electronics</i> , 2016 , 9, 817-824	2.2	14

157	New Parallel ZVS Converter With Less Active Switches and Smaller Output Inductance. <i>IEEE Transactions on Power Electronics</i> , 2014 , 29, 3297-3307	7.2	14
156	Implementation of an interleaved pulse-width modulation converter for renewable energy conversion. <i>International Journal of Circuit Theory and Applications</i> , 2013 , 41, 168-185	2	14
155	ZVS Converter With Parallel Connection in Primary Side and Series Connection in Secondary Side. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 1251-1258	8.9	14
154	Analysis and implementation of a soft switching interleaved forward converter with current doubler rectifier. <i>IET Electric Power Applications</i> , 2007 , 1, 697	1.8	14
153	Zero-voltage switching full-bridge DC/DC converter with parallel-connected output and without output inductor. <i>IET Power Electronics</i> , 2013 , 6, 505-515	2.2	13
152	Analysis, Design, and Implementation of a Soft-Switching Converter With Two Three-Level PWM Circuits. <i>IEEE Transactions on Power Electronics</i> , 2013 , 28, 1700-1710	7.2	13
151	Analysis and implementation of a zero-voltage switching pulse-width modulation resonant converter. <i>IET Power Electronics</i> , 2014 , 7, 148-156	2.2	12
150	Zero voltage switching DC converter for high-input voltage and high-load current applications. <i>IET Power Electronics</i> , 2014 , 7, 124-131	2.2	12
149	Zero-voltage-switching DC/DC converter with three three-level pulse-width modulation circuit cells. <i>IET Power Electronics</i> , 2013 , 6, 1-8	2.2	12
148	A New ZVS DC/DC Converter With Three APWM Circuits. <i>IEEE Transactions on Industrial Electronics</i> , 2013 , 60, 4351-4358	8.9	12
147	Analysis and implementation of a dual-output LLC resonant converter. <i>International Journal of Electronics</i> , 2009 , 96, 733-747	1.2	12
146	Analysis of a Zero-Voltage Switching Converter With Two Transformers. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2006 , 53, 1088-1092		12
145	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2004 , 40, 553-566	3.7	12
144	Interleaved LLC series converter with output voltage doubler 2010 ,		11
143	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 1998 , 34, 664-670	3.7	11
142	Analysis, design and implementation of an active snubber zero-voltage switching Cuk converter. <i>IET Power Electronics</i> , 2008 , 1, 50	2.2	11
141	Analysis and Implementation of a ZVS-PWM Converter With Series-Connected Transformers. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2007 , 54, 917-921	3.5	11
140	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2004 , 40, 180-189	3.7	11

139	Analysis of a novel resonant converter with series connected transformers. <i>IET Power Electronics</i> , 2013 , 6, 611-623	2.2	10
138	Integrated Cuk-forward converter for photovoltaic-based LED lighting. <i>International Journal of Electronics</i> , 2009 , 96, 943-959	1.2	10
137	Analysis and implementation of ZVS forward converter with centre-tapped rectifier. <i>IET Electric Power Applications</i> , 2006 , 153, 642		10
136	Implementation of active power filter with asymmetrical inverter legs for harmonic and reactive power compensation. <i>Electric Power Systems Research</i> , 2005 , 73, 227-237	3.5	10
135	Single-phase integrated power quality compensator based on capacitor-clamped configuration. <i>IEEE Transactions on Industrial Electronics</i> , 2002 , 49, 173-185	8.9	10
134	Implementation of a three-level rectifier for power factor correction. <i>IEEE Transactions on Power Electronics</i> , 2000 , 15, 891-900	7.2	10
133	Hybrid DCDC converter with high efficiency, wide ZVS range, and less output inductance. <i>International Journal of Circuit Theory and Applications</i> , 2016 , 44, 996-1011	2	9
132	Analysis, design and implementation of a high-voltage gain DC-DC converter. <i>International Journal of Circuit Theory and Applications</i> , 2014 , 42, 1-14	2	9
131	Analysis, Design and Implementation of an Active Clamp Forward Converter with Synchronous Rectifier 2005 ,		9
130	Power converter control based on neural and fuzzy methods. <i>Electric Power Systems Research</i> , 1995 , 35, 193-206	3.5	9
129	Analysis of a DC Converter with Low Primary Current Loss and Balance Voltage and Current. <i>Electronics (Switzerland)</i> , 2019 , 8, 439	2.6	8
128	Analysis and implementation of a new soft switching DC/DC PWM converter. <i>IET Power Electronics</i> , 2013 , 6, 202-213	2.2	8
127	Analysis and Implementation of a Dual Resonant Converter. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2952-2961	8.9	8
126	Analysis of series resonant converter with series-parallel connection. <i>International Journal of Electronics</i> , 2011 , 98, 249-262	1.2	8
125	Control technique for high power factor multilevel rectifier. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2001 , 37, 226-241	3.7	8
124	Resonant converter with wide input voltage range and input current ripple-free. <i>Electronics Letters</i> , 2018 , 54, 1086-1088	1.1	8
123	Parallel current-fed resonant converter with balance current sharing and no input ripple current. <i>IET Power Electronics</i> , 2019 , 12, 212-219	2.2	7
122	Investigation of a Resonant dc/dc Converter for Light Rail Transportation Applications. <i>Energies</i> , 2018 , 11, 1078	3.1	7

121	Analysis and implementation of a zero-voltage switching asymmetric pulse-width modulation converter for high load current application. <i>IET Power Electronics</i> , 2014 , 7, 1435-1443	2.2	7
120	Modular resonant DC/DC converter for DC grid system applications. <i>IET Renewable Power Generation</i> , 2017 , 11, 952-958	2.9	7
119	Implementation of a soft switching DC/DC converter without reverse recovery loss for rectifier diodes. <i>IET Power Electronics</i> , 2013 , 6, 108-116	2.2	7
118	Active-clamp ZVS converter with step-up voltage conversion ratio. <i>International Journal of Electronics</i> , 2009 , 96, 491-502	1.2	7
117	Analysis and implementation of active clamp SEPIC converter with synchronous rectifier. <i>International Journal of Electronics</i> , 2008 , 95, 1265-1278	1.2	7
116	Analysis and implementation of a bidirectional ZVS dc-dc converter with active clamp 2008 ,		7
115	Active Clamp Sepic Converter with Power Factor Correction 2007 ,		7
114	Active power filter based on three-phase two-leg switch-clamped inverter. <i>Electric Power Systems Research</i> , 2004 , 72, 63-72	3.5	7
113	Neural networks and fuzzy logic in power electronics. <i>Control Engineering Practice</i> , 1994 , 2, 113-121	3.9	7
112	Analysis and implementation of a three-level hybrid dc/dc converter with the balanced capacitor voltages. <i>IET Power Electronics</i> , 2016 , 9, 457-465	2.2	7
111	Wide Voltage Resonant Converter Using a Variable Winding Turns Ratio. <i>Electronics (Switzerland)</i> , 2020 , 9, 370	2.6	6
110	Analysis of a new ZVS converter with output voltage doubler. <i>International Journal of Electronics</i> , 2009 , 96, 1057-1070	1.2	6
109	Active-clamp ZVS converter with step-up voltage conversion ratio 2009 ,		6
108	ZVS half-bridge SMPS design for LCD monitor and LCD-TV. <i>International Journal of Electronics</i> , 2009 , 96, 189-204	1.2	6
107	Zero-voltage-switching/zero-current-switching soft-switching dual-resonant converter. <i>International Journal of Electronics</i> , 2010 , 97, 569-585	1.2	6
106	Analysis and implementation of shunt active power filter with three-level PWM scheme		6
105	Hybrid Active Power Filter for power quality compensation		6
104	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2002 , 38, 1287-1294	3.7	6

103	Implementation of a Parallel-Series Resonant Converter with Wide Input Voltage Range. <i>Energies</i> , 2019 , 12, 4095	3.1	6
102	Analysis and implementation of a new zero-voltage switching DC converter with less active switches. <i>IET Power Electronics</i> , 2014 , 7, 85-95	2.2	5
101	Analysis and implementation of a soft switching DC/DC converter with three asymmetric PWM circuits. <i>International Journal of Circuit Theory and Applications</i> , 2014 , 42, 494-510	2	5
100	Analysis, design and implementation of an active clamp flyback converter		5
99	A single-phase three-level pulsewidth modulation AC/DC converter with the function of power factor corrector and active power filter. <i>Electric Power Systems Research</i> , 2001 , 58, 157-167	3.5	5
98	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2000 , 36, 482-490	3.7	5
97	Bi-directional AC/DC converter based on neutral point clamped		5
96	Resonant Converter with Voltage-Doubler Rectifier or Full-Bridge Rectifier for Wide-Output Voltage and High-Power Applications. <i>Electronics (Switzerland)</i> , 2019 , 8, 3	2.6	4
95	Interleaved resonant converter with the balanced flying capacitors. <i>IET Power Electronics</i> , 2015 , 8, 447-457		4
94	Phase-Shift PWM Converter with Wide Voltage Operation Capability. <i>Electronics (Switzerland)</i> , 2020 , 9, 47	2.6	4
93	DCDC converter implementation with wide output voltage operation. <i>Journal of Power Electronics</i> , 2020 , 20, 376-387	0.9	4
92	Hybrid full-bridge converter for DC microgrids: analysis and implementation. <i>IET Power Electronics</i> , 2018 , 11, 817-824	2.2	4
91	Analysis, design and implementation of an interleaved three-level PWM DC/DC ZVS converter. <i>International Journal of Electronics</i> , 2016 , 103, 322-341	1.2	4
90	Bidirectional Resonant Converter with Half-Bridge Circuits: Analysis, Design, and Implementation. <i>Energies</i> , 2018 , 11, 1259	3.1	4
89	Interleaved DCDC zero-voltage switching converter with series-connected in the primary side and parallel-connected in the secondary side. <i>IET Power Electronics</i> , 2011 , 4, 257	2.2	4
88	Analysis of ZVS PWM active clamp isolated converter with secondary voltage step up. <i>International Journal of Electronics</i> , 2009 , 96, 977-988	1.2	4
87	Single-phase high-power-factor rectifier with capacitor-clamped topology		4
86	Single-phase converter with flying capacitor topology		4

85	Development of a single-phase five-level PWM rectifier for integrated power quality compensation based on sliding mode control. <i>International Journal of Electronics</i> , 2002 , 89, 381-401	1.2	4
84	Analysis of a Series-Parallel Resonant Converter for DC Microgrid Applications. <i>Processes</i> , 2021 , 9, 542	2.9	4
83	Analysis and Implementation of a Frequency Control DCDC Converter for Light Electric Vehicle Applications. <i>Electronics (Switzerland)</i> , 2021 , 10, 1623	2.6	4
82	Soft-switching converter with low circulating current and wide range of ZVS turn-on. <i>International Journal of Circuit Theory and Applications</i> , 2016 , 44, 328-341	2	4
81	Series resonant converter with auxiliary winding turns: analysis, design and implementation. <i>International Journal of Electronics</i> , 2018 , 105, 836-847	1.2	4
80	Parallel full-bridge converter with wide ZVS and low freewheeling current. <i>International Journal of Electronics</i> , 2017 , 104, 1332-1345	1.2	3
79	Soft switching DC/DC converter with five resonant tanks for medium voltage applications. <i>IET Power Electronics</i> , 2015 , 8, 1864-1874	2.2	3
78	Zero-voltage DC/DC converter with asymmetric pulse-width modulation for DC micro-grid system. <i>International Journal of Electronics</i> , 2018 , 105, 679-693	1.2	3
77	New series half-bridge converters with the balance input split capacitor voltages. <i>International Journal of Electronics</i> , 2016 , 103, 504-515	1.2	3
76	Parallel resonant converter with flying capacitor 2013 ,		3
75	Interleaved zero-voltage switching three-level converter with less output inductor counts. <i>IET Power Electronics</i> , 2017 , 10, 707-716	2.2	3
74	Implementation of parallel zero-voltage switching converter with series-connected transformers. <i>International Journal of Circuit Theory and Applications</i> , 2011 , 41, n/a-n/a	2	3
73	Analysis, design and experimentation of an interleaved active-clamping buck-type converter. <i>International Journal of Electronics</i> , 2010 , 97, 677-693	1.2	3
72	Active-clamping dual resonant converter 2009 ,		3
71	Implementation of an interleaved ZVS boost-type converter 2009 ,		3
70	Study of dynamic voltage restorer under the abnormal voltage conditions		3
69	Shunt active filter with sliding mode control		3
68	Hybrid LLC Converter with Wide Range of Zero-Voltage Switching and Wide Input Voltage Operation. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 8250	2.6	3

67	Analysis and implementation of wide zero-voltage switching dual full-bridge converters. <i>IET Power Electronics</i> , 2016 , 9, 751-760	2.2	3
66	Resonant Converter with Soft Switching and Wide Voltage Operation. <i>Energies</i> , 2019 , 12, 3479	3.1	3
65	Soft Switching DC Converter for Medium Voltage Applications. <i>Electronics (Switzerland)</i> , 2018 , 7, 449	2.6	3
64	Bidirectional DC Converter with Frequency Control: Analysis and Implementation. <i>Energies</i> , 2018 , 11, 2450	3.1	3
63	Soft switching DC/DC converter with high voltage gain and less current ripple. <i>International Journal of Circuit Theory and Applications</i> , 2017 , 45, 338-353	2	2
62	Analysis of a DC/DC converter with wide ZVS range and low circulating current 2015 ,		2
61	Soft switching resonant converter with duty-cycle control in DC micro-grid system. <i>International Journal of Electronics</i> , 2018 , 105, 137-152	1.2	2
60	Frequency-Controlled Current-Fed Resonant Converter with No Input Ripple Current. <i>Energies</i> , 2018 , 11, 413	3.1	2
59	DC converter with three circuit cells Analysis, design and experimental evaluation. <i>IET Power Electronics</i> , 2014 , 7, 1954-1963	2.2	2
58	Soft switching resonant converter with flying capacitor and two series half-bridge legs. <i>IET Power Electronics</i> , 2014 , 7, 811-818	2.2	2
57	DC/DC converter with parallel input and parallel output with shared power switches and rectifier diodes. <i>IET Power Electronics</i> , 2015 , 8, 814-821	2.2	2
56	Interleaved resonant converter with flying capacitor 2014 ,		2
55	Analysis and design of a soft-switching Sepic Ćuk converter. <i>International Journal of Electronics</i> , 2011 , 98, 81-96	1.2	2
54	ZVS Double-Ended Ćuk Converter. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 908-912	3.5	2
53	Analysis of the Two-Switch Forward Converter with Synchronous Current Doubler Rectifier 2007 ,		2
52	Design and implementation of an interleaved soft-switching converter with output voltage doubler. <i>International Journal of Circuit Theory and Applications</i> , 2008 , 38, n/a-n/a	2	2
51	A multi-function single-phase voltage source inverter with current harmonic elimination and voltage regulation features		2
50	Single-phase three-level converter for power factor correction		2

49	A single-phase three-level boost type rectifier		2
48	Control techniques for a high power factor multilevel rectifier based on double boost converter. <i>International Journal of Electronics</i> , 2000 , 87, 879-895	1.2	2
47	A single-phase bidirectional rectifier with power factor correction		2
46	High power factor of metal halide lamp with dimming control		2
45	Interleaved ZVS DC/DC Converter with Balanced Input Capacitor Voltages for High-voltage Applications. <i>Journal of Power Electronics</i> , 2014 , 14, 661-670	0.9	2
44	Analysis of a Resonant Converter with Wide Input Voltage. <i>Electronics (Switzerland)</i> , 2021 , 10, 1110	2.6	2
43	Implementation of a soft switching converter with series DCDC circuits and single transformer. <i>IET Power Electronics</i> , 2019 , 12, 1249-1255	2.2	2
42	Interleaved soft switching resonant converter with a small input ripple current. <i>International Journal of Electronics</i> , 2020 , 107, 644-658	1.2	2
41	Series-Connected High Frequency Converters in a DC Microgrid System for DC Light Rail Transit. <i>Energies</i> , 2018 , 11, 266	3.1	2
40	LLC Resonant Converter with Additional Secondary Winding to Extend Hold-Up Time. <i>Electric Power Components and Systems</i> , 2017 , 45, 672-680	1	1
39	Bidirectional DC resonant converter with magnetic-coupling current balance. <i>International Journal of Electronics</i> , 2019 , 106, 1360-1373	1.2	1
38	New zero voltage switching DC converter with flying capacitors. <i>International Journal of Electronics</i> , 2016 , 103, 686-703	1.2	1
37	Parallel full-bridge converter for low voltage DC microgrid applications 2018 ,		1
36	Half-bridge ZVS converter with three resonant tanks 2014 ,		1
35	Parallel asymmetric pulse-width modulation converters with same power switches for medium power applications. <i>IET Power Electronics</i> , 2014 , 7, 3137-3146	2.2	1
34	Resonant converter with fixed frequency control 2013 ,		1
33	Analysis, design and implementation of a wide ZVS full-bridge converter 2015 ,		1
32	Implementation of a Soft Switching Converter with High Input Voltage. <i>International Journal of Circuit Theory and Applications</i> , 2014 , 42, 15-27	2	1

31	Interleaved double series resonant converter 2011 ,		1
30	Implementation of an interleaved ZVS/ZCS DC/DC converter 2011 ,		1
29	Analysis and implementation of active-clamping double-ended converter. <i>International Journal of Electronics</i> , 2009 , 96, 1265-1280	1.2	1
28	Implementation of a series resonant converter with series-parallel connection 2011 ,		1
27	Implementation of three-level AC/DC/AC converter with power factor correction and harmonic reduction		1
26	Implementation of the Soft Switching DC/DC Converter 2007 ,		1
25	Analysis, design and implementation of an asymmetrical half-bridge converter		1
24	High-power-factor single-phase switch clamped rectifier		1
23	High-power factor rectifier based on neutral point clamped scheme		1
22	Implementation of nondeterministic PWM for inverter drives		1
21	Multilevel AC/DC/AC converter by using three-level boost rectifier and five-level diode clamped inverter 1999 ,		1
20	Single-phase three-level PWM rectifier 1999 ,		1
19	Multilevel inverter with series connection of H-bridge cells 1999 ,		1
18	Hybrid Resonant Converter with Three Half-Bridge Legs for Wide Voltage Operation. <i>Applied Sciences (Switzerland)</i> , 2020 , 10, 310	2.6	1
17	Investigation of a hybrid converter with 16:1 wide voltage operation. <i>Electronics Letters</i> , 2021 , 57, 74-77	1.1	1
16	Medium Voltage Resonant Converter with Balanced Input Capacitor Voltages and Output Diode Currents. <i>Journal of Power Electronics</i> , 2015 , 15, 389-398	0.9	1
15	Implementation of a Wide Input Voltage Resonant Converter with Voltage Doubler Rectifier Topology. <i>Electronics (Switzerland)</i> , 2020 , 9, 1931	2.6	1
14	Hybrid DC-DC Converter with Low Switching Loss, Low Primary Current and Wide Voltage Operation. <i>Energies</i> , 2021 , 14, 2536	3.1	1

13	A new parallel ZVS converter with less power switches and low current stress components. <i>International Journal of Circuit Theory and Applications</i> , 2016 , 44, 874-892	2	1
12	Novel ZVS DC-DC converter with low current ripple for light rail transit. <i>International Journal of Electronics</i> , 2019 , 106, 567-580	1.2	1
11	Analysis and Verification of a Wide Input Voltage PWM Converter with Variable Windings. <i>Energies</i> , 2020 , 13, 1634	3.1	1
10	Analysis of a Wide Voltage Hybrid Soft Switching Converter. <i>Electronics (Switzerland)</i> , 2021 , 10, 473	2.6	1
9	Implementation of a Resonant Converter with Topology Morphing to Achieve Bidirectional Power Flow. <i>Energies</i> , 2021 , 14, 5186	3.1	1
8	Analysis and Implementation of a Bidirectional Converter with Soft Switching Operation. <i>Processes</i> , 2022 , 10, 561	2.9	1
7	Analysis and Implementation of a Phase-Shift Pulse-Width Modulation Converter with Auxiliary Winding Turns. <i>Energies</i> , 2020 , 13, 222	3.1	0
6	Implementation of a new medium voltage asymmetric pulse-width modulation converter with balanced input capacitor voltages. <i>IET Power Electronics</i> , 2015 , 8, 1411-1419	2.2	
5	Low-primary current and wide hold-up time DCDC converter: analysis and implementation. <i>IET Power Electronics</i> , 2018 , 11, 1822-1829	2.2	
4	Resonant converter with less voltage rating of power switches and wide voltage operation. <i>Electronics Letters</i> , 2020 , 56, 503-506	1.1	
3	Hybrid DC Converter with Current Sharing and Low Freewheeling Current Loss. <i>Energies</i> , 2020 , 13, 6631	3.1	
2	Analysis of a PWM Converter with Less Current Ripple, Wide Voltage Operation and Zero-Voltage Switching. <i>Processes</i> , 2021 , 9, 580	2.9	
1	Modular zero-voltage switching converter for direct current microgrid applications. <i>IET Power Electronics</i> , 2018 , 11, 1813-1821	2.2	