

Bor-Ren Lin

List of Publications by Year in descending order

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277
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2,556
citations

236833

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all docs

277
docs citations

277
times ranked

1371
citing authors

#	ARTICLE	IF	CITATIONS
1	Soft-Switching Zeta-Flyback Converter With a Buck-Boost Type of Active Clamp. IEEE Transactions on Industrial Electronics, 2007, 54, 2813-2822.	5.2	117
2	Analysis and implementation of full-bridge converter with current doubler rectifier. IET Electric Power Applications, 2005, 152, 1193.	1.4	95
3	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.	0.1	68
4	Analysis of Parallel-Connected Asymmetrical Soft-Switching Converter. IEEE Industrial Electronics Magazine, 2007, 54, 1642-1653.	2.3	66
5	Implementation of a Three-Phase Capacitor-Clamped Active Power Filter Under Unbalanced Condition. IEEE Transactions on Industrial Electronics, 2006, 53, 1621-1630.	5.2	60
6	Analysis and implementation of a soft switching converter with high-voltage conversion ratio. IET Power Electronics, 2008, 1, 386.	1.5	57
7	New multilevel rectifier based on series connection of H-bridge cell. IET Electric Power Applications, 2000, 147, 304.	1.4	56
8	Analysis and operation of hybrid active filter for harmonic elimination. Electric Power Systems Research, 2002, 62, 191-200.	2.1	48
9	Interleaved ZVS Converter With Ripple-Current Cancellation. IEEE Transactions on Industrial Electronics, 2008, 55, 1576-1585.	5.2	48
10	ZVS Resonant Converter With Parallel-Series Transformer Connection. IEEE Transactions on Industrial Electronics, 2011, 58, 2972-2979.	5.2	44
11	A new control scheme for single-phase PWM multilevel rectifier with power-factor correction. IEEE Transactions on Industrial Electronics, 1999, 46, 820-829.	5.2	43
12	Three-Phase Power Quality Compensator Under the Unbalanced Sources and Nonlinear Loads. IEEE Transactions on Industrial Electronics, 2004, 51, 1009-1017.	5.2	40
13	Analysis, Design, and Implementation of a Parallel ZVS Converter. IEEE Transactions on Industrial Electronics, 2008, 55, 1586-1594.	5.2	40
14	Asymmetrical pulse-width modulation bidirectional DC-DC converter. IET Power Electronics, 2008, 1, 336.	1.5	39
15	Analysis and Implementation of a ZVS/ZCS DC-DC Switching Converter With Voltage Step-Up. IEEE Transactions on Industrial Electronics, 2011, 58, 2962-2971.	5.2	39
16	Analysis and implementation of a three-level PWM rectifier/inverter. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 948-956.	2.6	36
17	Analysis of the ZVS two-switch forward converter with synchronous current doubler rectifier. International Journal of Circuit Theory and Applications, 2008, 36, 311-325.	1.3	35
18	Analysis and implementation of a zero-voltage switching forward converter with a synchronous rectifier. IET Electric Power Applications, 2005, 152, 1085.	1.4	31

#	ARTICLE	IF	CITATIONS
19	Novel interleaved ZVS converter with ripple current cancellation. International Journal of Circuit Theory and Applications, 2009, 37, 413-431.	1.3	31
20	High power factor AC/DC/AC converter with random PWM. IEEE Transactions on Aerospace and Electronic Systems, 1999, 35, 935-943.	2.6	30
21	A novel PWM scheme for single-phase three-level power-factor-correction circuit. IEEE Transactions on Industrial Electronics, 2000, 47, 245-252.	5.2	30
22	Analysis of an integrated flyback and zeta converter with active clamping technique. IET Power Electronics, 2009, 2, 355-363.	1.5	28
23	Implementation of three-phase power factor correction circuit with less power switches and current sensors. IEEE Transactions on Aerospace and Electronic Systems, 1998, 34, 664-670.	2.6	27
24	Single-phase power-factor-correction AC/DC converters with three PWM control schemes. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 189-200.	2.6	27
25	Design and implementation of zero-voltage-switching flyback converter with synchronous rectifier. IET Electric Power Applications, 2006, 153, 420.	1.4	27
26	Analysis, design and implementation of an active clamp flyback converter. , 0, , .		25
27	ZVS Resonant Converter With Series-Connected Transformers. IEEE Transactions on Industrial Electronics, 2011, 58, 3547-3554.	5.2	25
28	Analysis of an Interleaved Three-Level ZVS Converter With Series-Connected Transformers. IEEE Transactions on Power Electronics, 2013, 28, 3088-3099.	5.4	25
29	Space vector modulation strategy for an eight-switch three-phase NPC converter. IEEE Transactions on Aerospace and Electronic Systems, 2004, 40, 553-566.	2.6	24
30	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.	5.2	24
31	Analysis and implementation of a soft switching interleaved forward converter with current doubler rectifier. IET Electric Power Applications, 2007, 1, 697.	1.1	23
32	Analysis and implementation of a novel soft-switching pulse-width modulation converter. IET Power Electronics, 2009, 2, 90-101.	1.5	23
33	Analysis and implementation of an integrated sepic-forward converter for photovoltaic-based light emitting diode lighting. IET Power Electronics, 2009, 2, 635-645.	1.5	23
34	New ZVS DC-DC Converter With Series-Connected Transformers to Balance the Output Currents. IEEE Transactions on Power Electronics, 2014, 29, 246-255.	5.4	22
35	ZVS Converter With Parallel Connection in Primary Side and Series Connection in Secondary Side. IEEE Transactions on Industrial Electronics, 2011, 58, 1251-1258.	5.2	21
36	Single-phase integrated power quality compensator based on capacitor-clamped configuration. IEEE Transactions on Industrial Electronics, 2002, 49, 173-185.	5.2	20

#	ARTICLE	IF	CITATIONS
37	Implementation of a three-level rectifier for power factor correction. IEEE Transactions on Power Electronics, 2000, 15, 891-900.	5.4	19
38	Analysis and implementation of an interleaved ZVS bi-flyback converter. IET Power Electronics, 2010, 3, 259.	1.5	19
39	Design and implementation of an interleaved soft-switching converter with output voltage doubler. International Journal of Circuit Theory and Applications, 2010, 38, 179-197.	1.3	18
40	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.	5.2	18
41	Hybrid DC/DC converter based on dual three-level circuit and half-bridge circuit. IET Power Electronics, 2016, 9, 817-824.	1.5	18
42	Analysis of an interleaved zero-voltage switching/zero current switching resonant converter with duty cycle control. IET Power Electronics, 2013, 6, 374-382.	1.5	17
43	Zero-voltage switching full-bridge DC/DC converter with parallel-connected output and without output inductor. IET Power Electronics, 2013, 6, 505-515.	1.5	17
44	Analysis, Design, and Implementation of a Soft-Switching Converter With Two Three-Level PWM Circuits. IEEE Transactions on Power Electronics, 2013, 28, 1700-1710.	5.4	17
45	Zero voltage switching DC converter for high-input voltage and high-load current applications. IET Power Electronics, 2014, 7, 124-131.	1.5	17
46	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.	2.2	16
47	Implementation of an interleaved pulse-width modulation converter for renewable energy conversion. International Journal of Circuit Theory and Applications, 2013, 41, 168-185.	1.3	16
48	New Parallel ZVS Converter With Less Active Switches and Smaller Output Inductance. IEEE Transactions on Power Electronics, 2014, 29, 3297-3307.	5.4	16
49	Hybrid full-bridge and LLC converter with wide ZVS range and less output inductance. IET Power Electronics, 2016, 9, 377-384.	1.5	16
50	Power converter control based on neural and fuzzy methods. Electric Power Systems Research, 1995, 35, 193-206.	2.1	15
51	Single-phase three-level PWM rectifier. , 1999, , .		15
52	Hybrid Active Power Filter for power quality compensation. , 0, , .		15
53	Analysis, design and implementation of an active snubber zero-voltage switching Cuk converter. IET Power Electronics, 2008, 1, 50.	1.5	15
54	Analysis and implementation of a bidirectional ZVS dc-dc converter with active clamp. , 2008, , .		15

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55	Analysis and implementation of a dual-output LLC resonant converter. International Journal of Electronics, 2009, 96, 733-747.	0.9	15
56	Integrated Cuk-forward converter for photovoltaic-based LED lighting. International Journal of Electronics, 2009, 96, 943-959.	0.9	15
57	Analysis and implementation of a zero-voltage switching pulse-width modulation resonant converter. IET Power Electronics, 2014, 7, 148-156.	1.5	15
58	Implementation of a three-phase high-power-factor rectifier with NPC topology. IEEE Transactions on Aerospace and Electronic Systems, 2004, 40, 180-189.	2.6	14
59	Hybrid DC-DC converter with high efficiency, wide ZVS range, and less output inductance. International Journal of Circuit Theory and Applications, 2016, 44, 996-1011.	1.3	14
60	Bi-directional AC/DC converter based on neutral point clamped. , 0, , .		13
61	Half-bridge neutral point diode clamped rectifier for power factor correction. IEEE Transactions on Aerospace and Electronic Systems, 2002, 38, 1287-1294.	2.6	13
62	Implementation of active power filter with asymmetrical inverter legs for harmonic and reactive power compensation. Electric Power Systems Research, 2005, 73, 227-237.	2.1	13
63	Analysis of a Zero-Voltage Switching Converter With Two Transformers. IEEE Transactions on Circuits and Systems Part 2: Express Briefs, 2006, 53, 1088-1092.	2.3	13
64	Analysis and implementation of ZVS forward converter with centre-tapped rectifier. IET Electric Power Applications, 2006, 153, 642.	1.4	13
65	Interleaved LLC series converter with output voltage doubler. , 2010, , .		13
66	Zero-voltage-switching DC/DC converter with three three-level pulse-width modulation circuit cells. IET Power Electronics, 2013, 6, 1-8.	1.5	13
67	A New ZVS DC/DC Converter With Three APWM Circuits. IEEE Transactions on Industrial Electronics, 2013, 60, 4351-4358.	5.2	13
68	Shunt active filter with sliding mode control. , 0, , .		12
69	Control technique for high power factor multilevel rectifier. IEEE Transactions on Aerospace and Electronic Systems, 2001, 37, 226-241.	2.6	12
70	Analysis and implementation of shunt active power filter with three-level PWM scheme. , 0, , .		12
71	Analysis of a novel resonant converter with series connected transformers. IET Power Electronics, 2013, 6, 611-623.	1.5	12
72	Parallel current-fed resonant converter with balance current sharing and no input ripple current. IET Power Electronics, 2019, 12, 212-219.	1.5	12

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73	Analysis, Design and Implementation of an Active Clamp Forward Converter with Synchronous Rectifier. , 2005, , .		11
74	Active-clamp ZVS converter with step-up voltage conversion ratio. International Journal of Electronics, 2009, 96, 491-502.	0.9	11
75	Analysis, design and implementation of a high-voltage gain DC-DC converter. International Journal of Circuit Theory and Applications, 2014, 42, 1-14.	1.3	11
76	Neural networks and fuzzy logic in power electronics. Control Engineering Practice, 1994, 2, 113-121.	3.2	10
77	A single-phase three-level boost type rectifier. , 0, , .		10
78	Active-clamp ZVS converter with step-up voltage conversion ratio. , 2009, , .		10
79	Analysis and Implementation of a Dual Resonant Converter. IEEE Transactions on Industrial Electronics, 2011, 58, 2952-2961.	5.2	10
80	Analysis of a DC Converter with Low Primary Current Loss and Balance Voltage and Current. Electronics (Switzerland), 2019, 8, 439.	1.8	10
81	DC-DC converter implementation with wide output voltage operation. Journal of Power Electronics, 2020, 20, 376-387.	0.9	10
82	Single-phase high-power-factor rectifier with capacitor-clamped topology. , 0, , .		9
83	Active power filter based on three-phase two-leg switch-clamped inverter. Electric Power Systems Research, 2004, 72, 63-72.	2.1	9
84	Analysis of series resonant converter with series-parallel connection. International Journal of Electronics, 2011, 98, 249-262.	0.9	9
85	Analysis and implementation of a new soft switching DC/DC PWM converter. IET Power Electronics, 2013, 6, 202-213.	1.5	9
86	Analysis of a Series-Parallel Resonant Converter for DC Microgrid Applications. Processes, 2021, 9, 542.	1.3	9
87	Implementation of nondeterministic pulsewidth modulation for inverter drives. IEEE Transactions on Aerospace and Electronic Systems, 2000, 36, 482-490.	2.6	8
88	Single-phase converter with flying capacitor topology. , 0, , .		8
89	Analysis of an Active Clamp Forward Converter. , 0, , .		8
90	Active Clamp Sepic Converter with Power Factor Correction. , 2007, , .		8

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91	Analysis and implementation of active clamp SEPIC converter with synchronous rectifier. International Journal of Electronics, 2008, 95, 1265-1278.	0.9	8
92	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.	1.5	8
93	Modular resonant DC/DC converter for DC grid system applications. IET Renewable Power Generation, 2017, 11, 952-958.	1.7	8
94	Resonant converter with wide input voltage range and input current ripple-free. Electronics Letters, 2018, 54, 1086-1088.	0.5	8
95	Resonant Converter with Voltage-Doubler Rectifier or Full-Bridge Rectifier for Wide-Output Voltage and High-Power Applications. Electronics (Switzerland), 2019, 8, 3.	1.8	8
96	A single-phase bidirectional rectifier with power factor correction. , 0, , .		7
97	Study of dynamic voltage restorer under the abnormal voltage conditions. , 0, , .		7
98	Implementation of a soft switching DC/DC converter without reverse recovery loss for rectifier diodes. IET Power Electronics, 2013, 6, 108-116.	1.5	7
99	Analysis and implementation of a three-level hybrid dc-dc converter with the balanced capacitor voltages. IET Power Electronics, 2016, 9, 457-465.	1.5	7
100	Investigation of a Resonant dc-dc Converter for Light Rail Transportation Applications. Energies, 2018, 11, 1078.	1.6	7
101	Wide Voltage Resonant Converter Using a Variable Winding Turns Ratio. Electronics (Switzerland), 2020, 9, 370.	1.8	7
102	Multilevel inverter with series connection of H-bridge cells. , 1999, , .		6
103	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.	2.1	6
104	Analysis and operation of hybrid active filter for harmonic elimination. , 0, , .		6
105	Single-phase three-level converter for power factor correction. , 0, , .		6
106	Analysis, Design and Implementation of an asymmetrical half-bridge converter. , 0, , .		6
107	Soft Switching Interleaved Forward Converter with Current Doubler Rectifier. , 2007, , .		6
108	Analysis of a new ZVS converter with output voltage doubler. International Journal of Electronics, 2009, 96, 1057-1070.	0.9	6

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109	ZVS half-bridge SMPS design for LCD monitor and LCD-TV. International Journal of Electronics, 2009, 96, 189-204.	0.9	6
110	Zero-voltage-switching/zero-current-switching soft-switching dual-resonant converter. International Journal of Electronics, 2010, 97, 569-585.	0.9	6
111	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.	1.3	6
112	Analysis, design and implementation of a wide ZVS full-bridge converter. , 2015, , .		6
113	Hybrid full-bridge converter for DC microgrids: analysis and implementation. IET Power Electronics, 2018, 11, 817-824.	1.5	6
114	Implementation of a Parallel-Series Resonant Converter with Wide Input Voltage Range. Energies, 2019, 12, 4095.	1.6	6
115	Hybrid LLC Converter with Wide Range of Zero-Voltage Switching and Wide Input Voltage Operation. Applied Sciences (Switzerland), 2020, 10, 8250.	1.3	6
116	High power factor of metal halide lamp with dimming control. , 0, , .		5
117	Analysis of ZVS PWM active clamp isolated converter with secondary voltage step up. International Journal of Electronics, 2009, 96, 977-988.	0.9	5
118	Implementation of an interleaved ZVS boost-type converter. , 2009, , .		5
119	Interleaved boost-flyback converter with boundary conduction mode for power factor correction. , 2011, , .		5
120	Analysis and implementation of a new zero-voltage switching DC converter with less active switches. IET Power Electronics, 2014, 7, 85-95.	1.5	5
121	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.	1.3	5
122	Analysis, design and implementation of an interleaved three-level PWM DC/DC ZVS converter. International Journal of Electronics, 2016, 103, 322-341.	0.9	5
123	Series resonant converter with auxiliary winding turns: analysis, design and implementation. International Journal of Electronics, 2018, 105, 836-847.	0.9	5
124	Bidirectional Resonant Converter with Half-Bridge Circuits: Analysis, Design, and Implementation. Energies, 2018, 11, 1259.	1.6	5
125	Analysis and Implementation of a Frequency Control DC-DC Converter for Light Electric Vehicle Applications. Electronics (Switzerland), 2021, 10, 1623.	1.8	5
126	Multilevel AC/DC/AC converter by using three-level boost rectifier and five-level diode clamped inverter. , 1999, , .		4

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127	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.	0.9	4
128	Analysis and Implementation of an asymmetrical half-bridge converter. , 0, , .		4
129	Current sensorless integral variable structure controller of synchronous reluctance motor. , 2006, , .		4
130	ZVS Double-Ended Ćuk Converter. IEEE Transactions on Circuits and Systems II: Express Briefs, 2010, 57, 908-912.	2.2	4
131	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.	1.5	4
132	Implementation of parallel zero—voltage switching converter with series—connected transformers. International Journal of Circuit Theory and Applications, 2013, 41, 45-58.	1.3	4
133	Parallel resonant converter with flying capacitor. , 2013, , .		4
134	Interleaved resonant converter with the balanced flying capacitors. IET Power Electronics, 2015, 8, 447-457.	1.5	4
135	Soft switching DC/DC converter with five resonant tanks for medium voltage applications. IET Power Electronics, 2015, 8, 1864-1874.	1.5	4
136	Analysis and implementation of wide zero—voltage switching dual full—bridge converters. IET Power Electronics, 2016, 9, 751-760.	1.5	4
137	New series half-bridge converters with the balance input split capacitor voltages. International Journal of Electronics, 2016, 103, 504-515.	0.9	4
138	Interleaved soft switching resonant converter with a small input ripple current. International Journal of Electronics, 2020, 107, 644-658.	0.9	4
139	Phase-Shift PWM Converter with Wide Voltage Operation Capability. Electronics (Switzerland), 2020, 9, 47.	1.8	4
140	Interleaved ZVS DC/DC Converter with Balanced Input Capacitor Voltages for High-voltage Applications. Journal of Power Electronics, 2014, 14, 661-670.	0.9	4
141	Analysis and Implementation of a Bidirectional Converter with Soft Switching Operation. Processes, 2022, 10, 561.	1.3	4
142	Implementation of a single-phase AC/AC converter with neutral-point-clamped scheme. , 0, , .		3
143	A multi-function single-phase voltage source inverter with current harmonic elimination and voltage regulation features. , 0, , .		3
144	Active-clamping dual resonant converter. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
145	Interleaved sepic converter with low switching loss. , 2010, , .		3
146	Analysis, design and experimentation of an interleaved active-clamping buck-type converter. International Journal of Electronics, 2010, 97, 677-693.	0.9	3
147	DC converter with three circuit cells “ analysis, design and experimental evaluation. IET Power Electronics, 2014, 7, 1954-1963.	1.5	3
148	Soft switching resonant converter with flying capacitor and two series half-bridge legs. IET Power Electronics, 2014, 7, 811-818.	1.5	3
149	DC/DC converter with parallel input and parallel output with shared power switches and rectifier diodes. IET Power Electronics, 2015, 8, 814-821.	1.5	3
150	Parallel full-bridge converter with wide ZVS and low freewheeling current. International Journal of Electronics, 2017, 104, 1332-1345.	0.9	3
151	Interleaved zero-voltage switching three-level converter with less output inductor counts. IET Power Electronics, 2017, 10, 707-716.	1.5	3
152	Hybrid full-bridge converter with low switching loss and freewheeling current. , 2017, , .		3
153	Soft switching resonant converter with duty-cycle control in DC micro-grid system. International Journal of Electronics, 2018, 105, 137-152.	0.9	3
154	Zero-voltage DC/DC converter with asymmetric pulse-width modulation for DC micro-grid system. International Journal of Electronics, 2018, 105, 679-693.	0.9	3
155	Soft Switching DC Converter for Medium Voltage Applications. Electronics (Switzerland), 2018, 7, 449.	1.8	3
156	Bidirectional DC Converter with Frequency Control: Analysis and Implementation. Energies, 2018, 11, 2450.	1.6	3
157	Series-Connected High Frequency Converters in a DC Microgrid System for DC Light Rail Transit. Energies, 2018, 11, 266.	1.6	3
158	Resonant Converter with Soft Switching and Wide Voltage Operation. Energies, 2019, 12, 3479.	1.6	3
159	Implementation of a Wide Input Voltage Resonant Converter with Voltage Doubler Rectifier Topology. Electronics (Switzerland), 2020, 9, 1931.	1.8	3
160	Analysis of a Wide Voltage Hybrid Soft Switching Converter. Electronics (Switzerland), 2021, 10, 473.	1.8	3
161	Multilevel PWM for single-phase power factor pre-regulator. , 0, , .		2
162	Control techniques for a high power factor multilevel rectifier based on double boost converter. International Journal of Electronics, 2000, 87, 879-895.	0.9	2

#	ARTICLE	IF	CITATIONS
163	Single-phase high power factor rectifier based on PI controller with grey prediction. , 0, , .		2
164	Analysis and Implementation of an Active Clamp ZVS Forward Converter. , 0, , .		2
165	Analysis and Implementation of a NPC-Based DSTATCOM under the Abnormal Voltage Conditions. , 0, , .		2
166	Three-Phase Power Factor Corrector based on Capacitor-Clamped Topology. , 0, , .		2
167	Analysis and Design of Half-Bridge Converter with Two Current Doubler Rectifiers. , 2006, , .		2
168	Analysis of a Zero Voltage Switching Cuk Converter. , 2007, , .		2
169	Sliding Mode Grey Speed Control of Synchronous Reluctance Motor Current Sensorless Drive. , 2007, , .		2
170	Analysis of the Two-Switch Forward Converter with Synchronous Current Doubler Rectifier. , 2007, , .		2
171	Analysis and Implementation of an Active Clamp Two-Switch Converter with Current Doubler Rectifie. , 2007, , .		2
172	Loop compensator design for DC/DC flyback converter in discontinuous conduction peak-current-mode control. , 2009, , .		2
173	Implementation of an interleaved ZVS/ZCS DC/DC converter. , 2011, , .		2
174	Analysis and design of a soft-switching Sepicâ€Cuk converter. International Journal of Electronics, 2011, 98, 81-96.	0.9	2
175	Series resonant converter with series-parallel transformers for high input voltage applications. , 2011, , .		2
176	Interleaved resonant converter with flying capacitor. , 2014, , .		2
177	Analysis of a DC/DC converter with wide ZVS range and low circulating current. , 2015, , .		2
178	Soft switching DC/DC converter with high voltage gain and less current ripple. International Journal of Circuit Theory and Applications, 2017, 45, 338-353.	1.3	2
179	Parallel full-bridge converter for low voltage DC microgrid applications. , 2018, , .		2
180	Frequency-Controlled Current-Fed Resonant Converter with No Input Ripple Current. Energies, 2018, 11, 413.	1.6	2

#	ARTICLE	IF	CITATIONS
181	Implementation of a soft switching converter with series DC-DC circuits and single transformer. IET Power Electronics, 2019, 12, 1249-1255.	1.5	2
182	Novel ZVS DC-DC converter with low current ripple for light rail transit. International Journal of Electronics, 2019, 106, 567-580.	0.9	2
183	Analysis and Implementation of a Phase-Shift Pulse-Width Modulation Converter with Auxiliary Winding Turns. Energies, 2020, 13, 222.	1.6	2
184	Hybrid DC-DC Converter with Low Switching Loss, Low Primary Current and Wide Voltage Operation. Energies, 2021, 14, 2536.	1.6	2
185	Analysis of a Resonant Converter with Wide Input Voltage. Electronics (Switzerland), 2021, 10, 1110.	1.8	2
186	Implementation of a Resonant Converter with Topology Morphing to Achieve Bidirectional Power Flow. Energies, 2021, 14, 5186.	1.6	2
187	Medium Voltage Resonant Converter with Balanced Input Capacitor Voltages and Output Diode Currents. Journal of Power Electronics, 2015, 15, 389-398.	0.9	2
188	Implementation of three-level AC/DC/AC converter with power factor correction and harmonic reduction. , 0, , .		1
189	Implementation of nondeterministic PWM for inverter drives. , 0, , .		1
190	A novel multilevel PWM control scheme of the AC/DC/AC converter for AC drives. , 0, , .		1
191	High-power factor rectifier based on neutral point clamped scheme. , 0, , .		1
192	Current harmonics elimination with a series hybrid active filter. , 0, , .		1
193	Control scheme of hybrid active filter for power quality improvement. , 0, , .		1
194	Half-bridge neutral point diode clamped rectifier for power factor correction. , 0, , .		1
195	High-power-factor single-phase switch clamped rectifier. , 0, , .		1
196	A novel single-phase AC/DC converter for power factor correction. , 0, , .		1
197	Three-phase neutral point clamped converter based on space vector PWM. , 0, , .		1
198	Three-phase high power factor rectifier with unidirectional power flow. , 0, , .		1

#	ARTICLE	IF	CITATIONS
199	Analysis and implementation of a ZVS full-bridge converter with current doubler rectifier. , 0, , .		1
200	Implementation of a stand-alone fuel cell system for domestic applications. , 0, , .		1
201	Active power filter based on NPC inverter for harmonics and reactive power compensation. , 0, , .		1
202	Single-phase capacitor clamped inverter with simple structure. , 0, , .		1
203	Shunt active filter with three-phase four-wire NPC inverter. , 0, , .		1
204	Active power filter with asymmetrical inverter legs for harmonic and reactive power compensation. , 0, , .		1
205	Series active power filter for current harmonic and load voltage compensation. , 2005, , .		1
206	Implementation of a ZVS Half-Bridge Converter with Current Doubler Rectifier. , 2006, , .		1
207	Implementation of the Soft Switching DC/DC Converter. , 2007, , .		1
208	Maximum Torque Control of Synchronous Reluctance Motor Speed Drive Based on the Lyapunov Function Stability Theorem. , 2007, , .		1
209	The novel adaptive sliding mode control for current sensorless synchronous reluctance motor speed drive. , 2008, , .		1
210	Analysis and implementation of active-clamping double-ended converter. International Journal of Electronics, 2009, 96, 1265-1280.	0.9	1
211	Interleaved PWM active-clamping buck-type converter. , 2010, , .		1
212	Series resonant converter with output voltage doubler. , 2010, , .		1
213	Interleaved double series resonant converter. , 2011, , .		1
214	Implementation of an interleaved single-stage high power factor converter. , 2011, , .		1
215	Implementation of a series resonant converter with series-parallel connection. , 2011, , .		1
216	Interleaved ZVS DC/DC converter with high input voltage. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
217	Resonant converter with fixed frequency control. , 2013, , .		1
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