

# Weiyi Feng

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Optimal Trajectory Control of Burst Mode for LLC Resonant Converter. IEEE Transactions on Power Electronics, 2013, 28, 457-466.	7.9	188
2	Simplified Optimal Trajectory Control (SOTC) for LLC Resonant Converters. IEEE Transactions on Power Electronics, 2013, 28, 2415-2426.	7.9	135
3	A Universal Adaptive Driving Scheme for Synchronous Rectification in LLC Resonant Converters. IEEE Transactions on Power Electronics, 2012, 27, 3775-3781.	7.9	121
4	Optimal Trajectory Control of LLC Resonant Converters for LED PWM Dimming. IEEE Transactions on Power Electronics, 2014, 29, 979-987.	7.9	113
5	Pulsewidth Locked Loop (PWLL) for Automatic Resonant Frequency Tracking in LLC DC-DC Transformer (LLC-DCX). IEEE Transactions on Power Electronics, 2013, 28, 1862-1869.	7.9	111
6	Optimal Trajectory Control of LLC Resonant Converters for Soft Start-Up. IEEE Transactions on Power Electronics, 2014, 29, 1461-1468.	7.9	106
7	Digital implementation of driving scheme for synchronous rectification in LLC resonant converter. , 2010, , .		34
8	LLC converters with automatic resonant frequency tracking based on synchronous rectifier (SR) gate driving signals. , 2011, , .		34
9	State-trajectory control of LLC converter implemented by microcontroller. , 2014, , .		25
10	LLC resonant converter burst mode control with constant burst time and optimal switching pattern. , 2011, , .		20
11	A hybrid strategy with Simplified Optimal Trajectory Control for LLC resonant converters. , 2012, , .		14
12	High power density high efficiency dc/dc converter. , 2011, , .		12
13	Optimal trajectory control of LLC resonant converters for soft start-up. , 2013, , .		6