

# Aleksandra Lekic

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8486773/publications.pdf>

Version: 2024-02-01

19  
papers

108  
citations

1478280

6  
h-index

1372474

10  
g-index

19  
all docs

19  
docs citations

19  
times ranked

88  
citing authors

#	ARTICLE	IF	CITATIONS
1	Stability Analysis of High-Frequency Interactions Between a Converter and HVDC Grid Resonances. IEEE Transactions on Power Delivery, 2021, 36, 3414-3425.	2.9	17
2	Microsecond nonlinear model predictive control for DC-DC converters. International Journal of Circuit Theory and Applications, 2020, 48, 406-419.	1.3	14
3	Hysteresis Switching Control of the Ćuk Converter. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 2048-2061.	3.5	11
4	Hysteresis Switching Control of the Ćuk Converter Operating in Discontinuous Conduction Modes. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1077-1081.	2.2	10
5	Microsecond Enhanced Indirect Model Predictive Control for Dynamic Power Management in MMC Units. Energies, 2021, 14, 3318.	1.6	10
6	MPC Based Centralized Voltage and Reactive Power Control for Active Distribution Networks. IEEE Transactions on Energy Conversion, 2021, 36, 1537-1547.	3.7	9
7	Controlling the Ćuk Converter Using Polytopic Lyapunov Functions. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1678-1682.	2.2	6
8	Adaptive Control of HVDC Links for Frequency Stability Enhancement in Low-Inertia Systems. Energies, 2020, 13, 6162.	1.6	5
9	Initialisation of a hybrid AC/DC power system for harmonic stability analysis using a power flow formulation. High Voltage, 2020, 5, 534-542.	2.7	5
10	Simulation of PWM DC-DC converters using eigenvalues and eigenvectors. Journal of Electrical Engineering, 2017, 68, 13-22.	0.4	4
11	EMT Real-Time Simulation Model of a 2 GW Offshore Renewable Energy Hub Integrating Electrolysers. Energies, 2021, 14, 8547.	1.6	4
12	Some Local Stability Properties of an Autonomous Long Short-Term Memory Neural Network Model. , 2018, , .		3
13	Generic EMT Model for Real-Time Simulation of Large Disturbances in 2 GW Offshore HVAC-HVDC Renewable Energy Hubs. Energies, 2021, 14, 757.	1.6	3
14	Lyapunov Analysis of the Chaotic Colpitts Oscillator. , 2019, , .		2
15	Generalized multiport representation of power systems using ABCD parameters for harmonic stability analysis. Electric Power Systems Research, 2020, 189, 106658.	2.1	2
16	Polytopic Control of a PV-Fed SEPIC DC-DC Converter. , 2019, , .		1
17	Lyapunov Characterization and Analysis of the Operating Modes of the AC-DC Ćuk Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2019, 7, 1318-1328.	3.7	1
18	LMI approach for sliding mode control and analysis of DC-DC converters. Tehnika, 2016, 71, 715-723.	0.0	1

#	ARTICLE	IF	CITATIONS
19	Stable switching control of DC-DC converters. , 2017, , .		0