JoÅ¾ef Ritonja

List of Publications by Year
in descending order

31 papers	109 citations	1478505 6 h-index	1474206 9 g-index
31 all docs	31 docs citations	31 times ranked	81 citing authors

#	Article	IF	Citations
1	Analysis of Synchronous Generatorsâ€™ Local Mode Eigenvalues in Modern Power Systems. Applied Sciences (Switzerland), 2022, 12, 195.	2.5	1
2	Implementation of Stir-Speed Adopted Controllers Onto a Batch Bioreactor for Improved Fermentation. IEEE Access, 2021, 9, 16783-16806.	4.2	3
3	Adaptive Control of CO2 Production during Milk Fermentation in a Batch Bioreactor. Mathematics, 2021, 9, 1712.	2.2	2
4	Dynamic Modeling of the Impact of Temperature Changes on CO2 Production during Milk Fermentation in Batch Bioreactors. Foods, 2021, 10, 1809.	4.3	3
5	Use of a Heating System to Control the Probiotic Beverage Production in Batch Bioreactor. Applied Sciences (Switzerland), 2021, 11, 84.	2.5	6
6	Power-Based Concept for Current Injection by Inverter-Interfaced Distributed Generations during Transmission-Network Faults. Applied Sciences (Switzerland), 2021, 11, 10437.	2.5	1
7	Improving the Cross-Border Activation of the Regulating Reserve to Enhance the Provision of Load-Frequency Control. IEEE Access, 2020, 8, 170696-170712.	4.2	0
8	Model Reference Adaptive Control for Milk Fermentation in Batch Bioreactors. Applied Sciences (Switzerland), 2020, 10, 9118.	2.5	5
9	Control of Milk Fermentation in Batch Bioreactor. Elektronika Ir Elektrotechnika, 2020, 26, 4-9.	0.8	5
10	Impact of Imbalance Netting Cooperation on Frequency Quality and Provision of Load-Frequency Control. , 2019, , .		2
11	The Impact of the Imbalance Netting Process on Power System Dynamics. Energies, 2019, 12, 4733.	3.1	1
12	Mathematical model of CO₂ release during milk fermentation using natural kefir grains. Journal of the Science of Food and Agriculture, 2018, 98, 4680-4684.	3.5	8
13	Adaptation of Load-Frequency-Control Target Values Based on the Covariances Between Area-Control Errors. IEEE Transactions on Power Systems, 2018, 33, 5865-5874.	6.5	15
14	Impact of the Switching Frequency on the Welding Current of a Spot-Welding System. IEEE Transactions on Industrial Electronics, 2017, 64, 9291-9301.	7.9	18
15	Optimal operating point of medium frequency resistance spot welding systems. , 2017, , .		1
16	Mathematical models for design and synthesis of power system stabilizers. , 2017, , .		0
17	Evaluation of Load Frequency Control Performance Based on Standard Deviational Ellipses. IEEE Transactions on Power Systems, 2017, 32, 2296-2304.	6.5	11
18	Correlation-based estimation of area's frequency response characteristic during large disturbances. , 2016, , .		1

#	Article	IF	Citations
19	Analysis of ACE target level for evaluation of load frequency control performance. , 2016, , .		0
20	Analysis and Applicability of Heffronâ€“Phillips Model. Elektronika Ir Elektrotechnika, 2016, 22, .	0.8	8
21	Direct and indirect adaptive control for synchronous generator semiconductor's excitation system. , 2015, , .		0
22	Adaptive and robust controls for static excitation systems. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2015, 34, 864-881.	0.9	3
23	Power system stabilizer based on LQ regulator and Kalman filter. , 2015, , .		0
24	Modern power system stabilizer approaches. , 2015, , .		0
25	Adaptive control for synchronous machine. , 2012, , .		0
26	Adaptive stabilization for generator excitation system. COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering, 2011, 30, 1092-1108.	0.9	10
27	Adaptive control for damping of power system oscillations. , 2009, , .		2
28	Torque control of an induction machine based on partial dynamic inversion. , 2009, , .		0
29	Decentralized Control for Active Magnetic Bearings. , 2006, , .		3
30	Transformatorji: UÄbenik. , 0, , .		0
31	Modeliranje, analiza, sinteza in realizacija regulacijskih sistemov. , 0, , .		0