Cristea Vasile-Mircea

Articole in reviste ISI

Nr. Crt	Autori	Titlul lucrării	Revista	Anul	Vol (Nr.)	Factor de impact din anul 2015	Pag.	Nr. de autori	Autor principal	Punctaj alocat pentru Factorul de Impact Cumulat (FIC)
1	Elisabeta-Cristina Ani, Vasile-Mirea Cristea, Paul Serban Agachi	Factors Influencing Pollutant Transport in Rivers. Fickian Approach Applied to the Somes River	Revista de Chimie	2015	66(9)	0.956	1495-1503	3	1	0.956
2	Alexandrina Zuza, Paul Şerban Agachi, Vasile Mircea Cristea, Abhilash Nair, Nguyen Ngoc Tue, Cristina Horju-Deac	Case study on energy efficiency of biogas production in industrial anaerobic digesters at municipal wastewater treatment plants	Environmental Engineering and Management Journal	2015	14(2)	1.008	357-360	6	0	0.168
3	Bogdan Procopet, Vasile Mircea Cristea, Marie Angele Robic, Mircea Grigorescu, Paul Serban Agachi, Sophie Metivier, Jean Marie Peron, Janick Selves, Horia Stefanescu, Annalisa Berzigotti, Jean Pierre Vinel, Christophe Bureau	Serum tests, liver stiffness and artificial neural networks for diagnosing cirrhosis and portal hypertension	Digestive and Liver Disease	2015	27(5)	2.719	411-416	12	0	0.227
4	Cristea Vasile-Mircea	Model Predictive Control of the Temperature in Drying Food Products	Studia Universitatis Seria Chemia	2015	1	0.148	157-164	1	1	0.148
5	Anamaria Hosu, Vasile-Mircea Cristea, Claudia Cimpoiu	Analysis of total phenolic, flavonoids, anthocyanins and tannins content in Romanian red wines: Prediction of antioxidant activities and classification of wines using artificial neural networks	Food Chemistry	2014	150(1)	4.052	113-118	3	0	1.351
6	Cristea Vasile-Mircea	Counteracting the accidental pollutant propagation in a section of the River Someş by automatic control	Journal of Environmental Management	2013	128	3.131	828-836	1	1	3.131
7	George Simion Ostace, Juan Antonio Baeza, Javier Guerrero, Albert Guisasola, Vasile Mircea Cristea, Paul Şerban Agachi, Javier Lafuente	Development and economic assessment of different WWTP control strategies for optimal simultaneous removal of carbon, nitrogen and phosphorus	Computers and Chemical Engineering	2013	53	2.581	164-177	7	0	0.369
8	Mihaela Iancu, Mircea Vasile Cristea, Paul Serban Agachi	Retrofit Design of Heat Exchanger Network of a Fluid Catalytic Cracking Plant and Control Based on MPC	Computers and Chemical Engineering	2013	49	2.581	205-216	3	1	2.581
9	George Simion Ostace, Vasile Mircea Cristea, Paul Şerban Agachi	Evaluation of different control strategies of the waste water treatment plant based on a modified activated sludge model no. 3.	Environmental Engineering and Management Journal	2012	11(1)	1.008	147-164	3	0	0.336
10	Elisabeta-Cristina Ani, Vasile Mircea Cristea, Paul Serban Agachi	Mathematical Models to Support Pollution Counteraction in Case of Accidents	Environmental Engineering and Management Journal	2012	11(1)	1.008	13-20	3	0	0.336
11	Maria Miheţ, Vasile Mircea Cristea	Contributions to the Model Predictive Control of the UOP Fluid Catalytic Cracking Unit	Revue Roumaine de Chimie	2011	56(12)	0.250	1089-1096	2	0	0.125
12	George Simion Ostace, Vasile Mircea Cristea, Paul Şerban Agachi	Extension of activated sludge model no 1 with two-step nitrification and denitrification processes for operation improvement	Environmental Engineering and Management Journal	2011	10(10)	1.008	1529-1544	3	0	0.336

13	George Simion Ostace, Vasile Mircea Cristea, Paul Şerban Agachi	Cost Reduction of the Wastewater Treatment Plant operation by MPC based on modified ASM1 with two-step nitrification/denitrification model	Computers and Chemical Engineering	2011	35(11)	2.581	2469-2479	3	1	2.581
14	Claudia Cimpoiu, Vasile-Mircea Cristea, Anamaria Hosu, Mihaela Sandru and Liana Seserman	Antioxidant activity prediction and classification of some teas using artificial neural networks	Food Chemistry	2011	127(3)	4.052	1323-1328	5	0	0.810
15	Calin Ioan Anghel , Mircea Vasile Cristea	Prediction of Thermodynamic Properties by Artificial Intelligence Techniques	Revista de Chimie	2010	61(1)	0.956	87-93	2	0	0.478
16	Elisabeta-Cristina Ani, Vasile Mircea Cristea, Paul Serban Agachi, Andrzej Kraslawski	Dynamic Simulation of Somes River Pollution Using MATLAB and COMSOL Models	Revista de Chimie	2010	61(11)	0.956	1108-1112	4	1	0.956
17	Dorina Brătfălean, Vasile Mircea Cristea, Paul Şerban Agachi	Artificial Neural Networks Used for Investigation of Fatty Acid Content of Romanian Sunflower Oilseeds Genotypes	Studia Universitatis Seria Chemia	2010	2(II)	0.148	245-254	3	0	0.049
18	Maria Mihet, Vasile Mircea Cristea, Paul Serban Agachi	FCCU simulation based on first principle and artificial neural network models	Asia-Pacific Journal of Chemical Engineering	2009	4(6)	0.728	878-885	3	1	0.728
19	Mircea Vasile Cristea, Raluca Roman, Serban Paul Agachi	Simulation of the Reactor-Regenerator-Main Fractionator Fluid Catalitic Cracking Unit Using Artificial Neural Networks	Studia Universitatis Seria Chemia	2009	1	0.148	125-132	3	1	0.148
20	Victoria Goia, Adina Ghirisan, Mircea Vasile Cristea	Sedimentation Simulation Of Coagulated Yeast Suspensions From Wastewater	Studia Universitatis Seria Chemia	2009	1	0.148	93-101	3	0	0.049
21	Raluca Roman, Zoltan Kalman Nagy, Mircea Vasile Cristea, Serban Paul Agachi	Dynamic Modelling and Nonlinear Model Predictive Control of a Fluid Catalytic Cracking Unit	Computers and Chemical Engineering	2009	33(3)	2.581	605-617	4	0	0.645
22	Vasile Mircea Cristea, Arpad Imre Lucaci, Anca Şipoş, Dorina Brătfălean, Paul Şerban Agachi	Artificial Neural Networks Used for the Simulation of the Batch Fermentation Bioreactor	Studia Universitatis Seria Chemia	2009	4(I)	0.148	87-95	5	1	0.148
23	Dorina Bratfalean, Vasile Mircea Cristea, Serban Paul Agachi, Florin Dan Irimie	Improvement of sunflower oil extraction by modeling and simulation	Revue Roumaine de Chimie	2008	53(9)	0.250	881-888	4	1	0.250
24	Vasile-Mircea Cristea, Letitia Toma, Paul Serban Agachi	Simulation and Model Predictive Control of the Fluid Catalitic Cracking Unit Using Artificial Neural Networks	Revue Roumaine de Chimie	2007	52(12)	0.250	1157-1166	3	1	0.250
25	Mircea Vasile Cristea, Serban Paul Agachi	Comparison between different control approaches of the UOP fluid catalytic cracking unit	Revista de Chimie	2007	58(4)	0.956	406-409	2	1	0.956
26	Mircea Vasile Cristea	Improvement of the Waste Water Treatment Plant Operation by Model Predictive Control	Revista de Chimie	2006	2	0.956	207-210	1	1	0.956
27	Vasile Mircea Cristea, Ioan Batiu	Vapor-liquid equilibrium predictions using neural networks in ternary system (+) fenchone + methyl chavicol + trans anethole	Revue Roumaine de Chimie	2005	50(11-12)	0.250	1009-1012	2	1	0.250
28	Mircea Vasile Cristea, Serban Paul Agachi, Vasile Marinoiu	Simulation and Model Predictive Control of a UOP Fluid Catalytic Cracking Unit	Chemical Engineering and Processing	2003	42	2.154	67-91	3	1	2.154
29	Mircea Vasile Cristea, Simona Varvara, Liana Muresan, Ionel Catalin Popescu	Neural Networks Approach for Simulation of Electrochemical Impedance Diagrams	Indian Journal of Chemistry	2003	42A	0.729	764-768	4	1	0.729

30	Vasile Mircea Cristea, Vasile Marinoiu, Şerban Paul Agachi	Aspects of Traditional and Advanced Control of the Fluid Catalytic Cracking Unit	Revue Roumaine de Chimie	2002	47(10-11)	0.250	1127-1132	3	1	0.250
31	Mircea Vasile Cristea, Serban Paul Agachi	Simulation and Model Predictive Control of the Soda Ash Rotary Calciner	Control Engineering and Applied Informatics	2001	3(4)	0.449	19-26	2	1	0.449
32	Mircea Vasile Cristea, Şerban Agachi, Arpad Imre	Aspecte noi privind îmbunătăţirea măsurării debitelor cu ajutorul diafragmelor utilizând calculatoarele	Revista de Chimie Bucuresti	1998	49(1)	0.956	50-55	3	1	0.956
							Total	**19**	**23.86**	

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Numar total articole in reviste ISI, NT: 32
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