

Jose Jailson NicÃ;cio Alves

List of Publications by Year in descending order

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32
papers

277
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docs citations

32
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262
citing authors

#	ARTICLE	IF	CITATIONS
1	Preparation, characterization and evaluation of x-MoO ₃ /Al-SBA-15 catalysts for biodiesel production. <i>Materials for Renewable and Sustainable Energy</i> , 2022, 11, 17-31.	3.6	10
2	Effect of current density, temperature and bath pH on properties of Ni-W-Co alloys obtained by electrodeposition. <i>Journal of Alloys and Compounds</i> , 2021, 853, 157104.	5.5	33
3	Influence of bath composition on the electrodeposition of amorphous Ni-Mo alloys using potassium-sodium tartrate as complexing agent. <i>Canadian Journal of Chemical Engineering</i> , 2021, 99, S284.	1.7	5
4	Investigation of Premature Failure of an Industrial Combustor: A Case Study. <i>Journal of Failure Analysis and Prevention</i> , 2021, 21, 759.	0.9	0
5	A CFD-based empirical model for hazardous area extent prediction including wind effects. <i>Journal of Loss Prevention in the Process Industries</i> , 2021, 71, 104497.	3.3	4
6	Establishing relationships between bath composition and the properties of amorphous Ni-Mo alloys obtained by electrodeposition. <i>Journal of Alloys and Compounds</i> , 2021, 888, 161595.	5.5	9
7	On the non-monotonic wind influence on flammable gas cloud from CFD simulations for hazardous area classification. <i>Journal of Loss Prevention in the Process Industries</i> , 2020, 68, 104278.	3.3	9
8	Three-phase trickle-bed reactor model for industrial hydrotreating processes: CFD and experimental verification. <i>Fuel Processing Technology</i> , 2020, 208, 106496.	7.2	7
9	CFD predictions for hazardous area classification. <i>Chinese Journal of Chemical Engineering</i> , 2019, 27, 21-31.	3.5	9
10	A new correlation for hazardous area classification based on experiments and CFD predictions. <i>Process Safety Progress</i> , 2019, 38, 21-26.	1.0	12
11	Overview and experimental verification of models to classify hazardous areas. <i>Chemical Engineering Research and Design</i> , 2019, 122, 102-117.	5.6	9
12	CFD simulation of flashing jet applied to area classification. <i>Canadian Journal of Chemical Engineering</i> , 2019, 97, 465-476.	1.7	4
13	Experimental Data and Phase Equilibrium Modeling in Ternary and Pseudoquaternary Systems of Sunflower Oil for Biodiesel Production. <i>Journal of Chemical & Engineering Data</i> , 2019, 64, 412-420.	1.9	4
14	CFD Simulation of an Industrial Reactor for Thermal Cracking of 1,2-Dichloroethane. <i>Brazilian Journal of Chemical Engineering</i> , 2017, 34, 541-555.	1.3	6
15	Obtaining and characterization of Ni-Ti/Ti-Mo joints welded by TIG process. <i>Vacuum</i> , 2016, 133, 58-69.	3.5	15
16	Studies on electrodeposition and characterization of the Ni-W-Fe alloys coatings. <i>Journal of Alloys and Compounds</i> , 2015, 619, 697-703.	5.5	45
17	Modeling and Simulation of Industrial PVC Drying in Fluidized Beds with Internal Heat Source. <i>Chemical Engineering and Technology</i> , 2012, 35, 2107-2119.	1.5	6
18	n-Hexane isomerization on Pt/HMOR: effect of platinum content. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2011, 102, 473-485.	1.7	15

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19	Remediation procedure used for contaminated soil and underground water: A case study from the chemical industry. <i>Chemical Engineering Research and Design</i> , 2010, 88, 372-379.	5.6	2
20	Optimal Operation of an Industrial PVC Dryer. <i>Drying Technology</i> , 2010, 29, 19-34.	3.1	6
21	Improving the Bayer Process productivity – An industrial case study. <i>Minerals Engineering</i> , 2009, 22, 1130-1136.	4.3	16
22	Model fine tuning for prediction of hydrocyclone performance – An industrial case study. <i>International Journal of Mineral Processing</i> , 2009, 92, 34-41.	2.6	5
23	Increasing PVC suspension polymerization productivity – An industrial application. <i>Chemical Engineering and Processing: Process Intensification</i> , 2009, 48, 485-492.	3.6	14
24	Dynamic Analysis and Control Design of the Nitrogen Trichloride Decomposition Process in Electrolytic Chlorine Production. <i>Journal of Chemical Engineering of Japan</i> , 2008, 41, 1119-1122.	0.6	0
25	McCabe-Thiele Method Revisited-Solving Binary Distillation Problems with Nonconventional Specifications. <i>Journal of Chemical Engineering of Japan</i> , 2008, 41, 933-938.	0.6	5
26	Industrial and simulation analysis of the nitrogen trichloride decomposition process in electrolytic chlorine production. <i>Journal of Hazardous Materials</i> , 2007, 142, 500-505.	12.4	3
27	Modelling and simulation of inhibition-injection systems applied to polymerization reactors. <i>Journal of Loss Prevention in the Process Industries</i> , 2006, 19, 736-742.	3.3	0
28	Fluid dynamic modelling and simulation of circulating fluidized bed reactors: importance of the interface turbulence transfer. <i>Revista Brasileira De Ciencias Mecanicas/Journal of the Brazilian Society of Mechanical Sciences</i> , 2001, 23, 91-104.	0.1	1
29	Comparison between staggered and collocated grids in the finite-volume method performance for single and multi-phase flows. <i>Computers and Chemical Engineering</i> , 1999, 23, 247-262.	3.8	20
30	Analyses of parametric sensitivity in the kinetic theory of granular flows on the prediction of the fluid dynamics of circulating fluidised bed reactors. <i>Computers and Chemical Engineering</i> , 1999, 23, S757-S760.	3.8	3
31	Modeling of the Fischer-Tropsch Synthesis Aiming to Predict the Production of Paraffins and Olefins. <i>Materials Science Forum</i> , 0, 727-728, 1628-1632.	0.3	0
32	New Routes Study for Synthesis of Molecular Sieves Type Al-MCM-41 and Al-SBA-15. <i>Materials Science Forum</i> , 0, 727-728, 1222-1227.	0.3	0