

## Cited CHE Department Publications

N	Publication	Recent Citation	Citations Count
1	<p><b>Title:</b> Flow Through Porous-Media of A Shear-Thinning Liquid With Yield Stress  <b>Author(S):</b> Alfariss, T; Pinder, K  <b>Source:</b> Canadian Journal of Chemical Engineering, 65, 3, 391-405, 1987</p>	<p><b>Title:</b> A Macroscopic Model for Shear-Thinning Flow In Packed Beds Based on Network Modeling  <b>Author(S):</b> Balhoff M, Thompson K  <b>Source:</b> Chemical Engineering Science, 61, 2, 698-719, 2006</p>	33
2	<p><b>Title:</b> Flotation of A Carbonate Rich Sedimentary Phosphate Rock  <b>Author(S):</b> Alfariss, T; Ozbelge, H; Abdulrazik, A  <b>Source:</b> Fertilizer Research, 29, 2, 203-208, 1991</p>	<p><b>Title:</b> Selective Leaching of Calcareous Phosphate Rock In formic Acid: Optimisation of Operating Conditions  <b>Author(S):</b> Zafar Z, anwar M, Pritchard D  <b>Source:</b> Minerals Engineering, 19, 14, 1459-1461, 2006</p>	6
3	<p><b>Title:</b> A New Correlation for Non-Newtonian Flow Through Porous-Media  <b>Author(S):</b> Alfariss, T  <b>Source:</b> Computers &amp; Chemical Engineering, 13, 4-5, 475-482, 1989</p>	<p><b>Title:</b> An Experimental Study of Electrorheological Fluid Flow Through A Packed Bed of Glass Beads  <b>Author(S):</b> Chase G, Dachavijit P  <b>Source:</b> Transport In Porous Media, 72, 1, 25-35, 2008</p>	4
4	<p><b>Title:</b> Some Aspects of Silica Polymerization and Fouling and Its Pretreatment By Sodium Aluminate, Lime and Soda Ash  <b>Author(S):</b> Sheikholeslami, R; Al-Mutaz, I; Tan, S  <b>Source:</b> Desalination, 150, 1, 85-92, 2002</p>	<p><b>Title:</b> Removal of Silica From Heavy Oil Wastewater to Be Reused In A Boiler By Combining Magnesium and Zinc Compounds With Coagulation  <b>Author(S):</b> Zeng Y, Yang C, Pu Wh,  <b>Source:</b> Desalination, 216, 1-3, 147-159, 2007</p>	6
5	<p><b>Title:</b> Pretreatment and the Effect of Cations and anions on Prevention of Silica Fouling  <b>Author(S):</b> Sheikholeslami, R; Al-Mutaz, I; Koo, T  <b>Source:</b> Desalination, 139, 1-3, 83-95 2001</p>	<p><b>Title:</b> Treatment of Pesticide Contaminated Surface Water for Production of Potable Water By A Coagulation-Adsorption-Nanofiltration Approach  <b>Author(S):</b> Sarkar B, Venkateswralu N, Rao R  <b>Source:</b> Desalination, 212, 1-3, 129-140 , 2007</p>	12
6	<p><b>Title:</b> Evaluation of Solar Powered Desalination Processes  <b>Author(S):</b> Almutaz, I; Alahmed, M  <b>Source:</b> Desalination, 73, 1-3, 181-190, 1989</p>	<p><b>Title:</b> Photovoltaic Electrodialysis System for Brackish Water Desalination: Modeling of Global Process  <b>Author(S):</b> Ortiz J, Exposito E, Gallud F,.  <b>Source:</b> Journal of Membrane Science , 274, 1-2, 138-149, 2006</p>	5
7	<p><b>Title:</b> Techno-Economic Feasibility of Extracting Minerals From Desalination Brines  <b>Author(S):</b> Almutaz, I; Wagialla, K  <b>Source:</b> Desalination , 69, 3, 297-307, 1988</p>	<p><b>Title:</b> Recovery Optimization of RO Concentrate From Desert Wells  <b>Author(S):</b> Ning R, Tarquin A, Trzcinski M  <b>Source:</b> Desalination, 201, 1-3, 315-32, 2006</p>	7
8	<p><b>Title:</b> Bifurcation and Chaos for A Mutating Autocatalator In A CSTR  <b>Author(S):</b> Abasaheed, A  <b>Source:</b> Bioprocess Engineering, 22, 4, 337-346, 2000</p>	<p><b>Title:</b> Nonstationary Pomeau-Manneville Intermittency In Systems With A Periodic Parameter Change  <b>Author(S):</b> Gac J, Zebrowski J  <b>Source:</b> Physical Review E, 73, 6 Article Number: 066203 Part 2, 2006</p>	3
9	<p><b>Title:</b> Sensitivity analysis on A Sequencing Batch Reactor Model. II: Effect of Stoichiometric and Operating Parameters  <b>Author(S):</b> Abasaheed, A  <b>Source:</b> Journal of Chemical Technology and Biotechnology, 74, 5, 451-455, 1999</p>	<p><b>Title:</b> Sensitivity analysis of the Semiempirical Model for the Growth of the Indigenous Acidithiobacillus Thiooxidans  <b>Author(S):</b> Liu H, Yang F, Huang C .  <b>Source:</b> Chemical Engineering Journal, 129, 1-3, 105-112, 2007</p>	4
10	<p><b>Title:</b> on the Chaotic Behavior of Externally forced Industrial Fluid Catalytic Cracking Units  <b>Author(S):</b> Abasaheed, A; Elnashaie, S  <b>Source:</b> Chaos Solutions &amp; Fractals, 9, 3, 455-470, 1998</p>	<p><b>Title:</b> Data analysis, Modeling and Control Performance Enhancement of an Industrial Fluid Catalytic Cracking Unit  <b>Author(S):</b> Ramachandran R, Rangaiah G, Lakshminarayanan  <b>Source:</b> Chemical Engineering Science, 62, 7, 1958-1973, 2007</p>	8
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12	<p><b>Title:</b> Kinetics of Inulin Hydrolysis By Zeolite Lz-M-8  <b>Author(S):</b> Abasaheed, A; Lee, Y  <b>Source:</b> Hungarian Journal of Industrial Chemistry, 24, 2, 149-153, 1996</p>	<p><b>Title:</b> Design and Characterisation of an Enzyme System for Inulin Hydrolysis  <b>Author(S):</b> Rocha Jr, Catana R, Ferreira B.  <b>Source:</b> Food Chemistry, 95, 1, 77-82, 2006</p>	3
13	<p><b>Title:</b> Inulin Hydrolysis to Fructose By A Novel Catalyst  <b>Author(S):</b> Abasaheed, A; Lee, Y  <b>Source:</b> Chemical Engineering &amp; Technology, 18, 6, 440-444, 1995</p>	<p><b>Title:</b> Design and Characterisation of an Enzyme System for Inulin Hydrolysis  <b>Author(S):</b> Rocha J, Catana R, Ferreira B.  <b>Source:</b> Food Chemistry, 95, 1, 77-82, 2006</p>	4
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16	<p><b>Title:</b> Effect of Transient Heat Transfer and Particle Size on Acid Hydrolysis of Hardwood Cellulose  <b>Author(S):</b> Abasaheed, A; Lee, Y; Watson, Jr  <b>Source:</b> Bioresource Technology, 35, 1, 15-21, 1991</p>	<p><b>Title:</b> the Effect of Particle Size on Hydrolysis Reaction Rates and Rheological Properties In Cellulosic Slurries  <b>Author(S):</b> Dasari R, Berson R  <b>Source:</b> Applied Biochemistry and Biotechnology, 137, 289-299, 2007</p>	4
17	<p><b>Title:</b> Hydrodynamics of Gas Fluidized Beds With Mixture of Group D and B Particles  <b>Author(s):</b> Ajbar, A; Alhumaizi, K; Ibrahim, A,  <b>Source:</b> Canadian Journal of Chemical Engineering, 80, 2, 281-288, 2002</p>	<p><b>Title:</b> Multi-Scale Flow Behavior In Gas-Solids Two-Phase Flow Systems ,  <b>Authors(s):</b> Wu B, Briens L, Zhu J  <b>Source:</b> Chemical Engineering Journal, 117, 3, 187-195, 2006</p>	2
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20	<p><b>Title:</b> On the Existence of Oscillatory Behavior In Unstructured Models of Bioreactors  <b>Author(s):</b> Ajbar A.  <b>Source:</b> Chemical Engineering Science, 56, 5, 1991-1997, 2001</p>	<p><b>Title:</b> Stability and Response of Bioreactor: an analysis With Reference to Microbial Reduction of SO<sub>2</sub> ,  <b>Author(s):</b> Dutta S, Chowdhury R, Bhattacharya P,  <b>Source:</b> Chemical Engineering Journal, 133, 1-3, 343-354, 2007</p>	9
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27	<p><b>Title:</b> Chaotic, Non-Chaotic Strange Attractors and Bistability In Non-Isothermal Fluidized Bed Catalytic Reactors Under Pi Control  <b>Author(s):</b> Elnashaie, S; Ajbar, A  <b>Source:</b> Chaos Solutions &amp; Fractals, 7, 11, 1955-1967, 1996</p>	<p><b>Title:</b> Strange Nonchaotic Attractors In A Fifth-Order Amplitude Equation of Rayleigh-Benard System Near the Codimension-Two Point  <b>Author(s):</b> Ketchamen E, Nana L, Kofane T  <b>Source:</b> Chaos Solutions &amp; Fractals, 28, 5, 1139-1148, 2006</p>	3
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