
Documents

Cruz, O., Hidalgo, R., Alas, S., Cordero, S., Meraz, L., Lopez, R., Dominguez, A.
Is the alexander-orbach conjecture suitable for treating diffusion in correlated percolation clusters?
(2011) *Adsorption Science and Technology*, 29 (7), pp. 663-676.

Document Type: Article

Source: Scopus

Domínguez, A., Moreira, N.H., Dolgonos, G., Frauenheim, T., Da Rosa, A.L.
Glycine adsorption on (1010) ZnO surfaces
(2011) *Journal of Physical Chemistry C*, 115 (14), pp. 6491-6495. Cited 2 times.

Document Type: Article

Source: Scopus

Ponce, M., Domínguez, A., Esparza, J.M., Kornhauser, I., Rojas, F.
Thermodynamic study of nucleation effects on vapor-liquid transitions occurring in porous substrates
(2011) *Topics in Catalysis*, 54 (1-4), pp. 114-120.

Document Type: Conference Paper

Source: Scopus

Villalobos, R., Domínguez, A., Ganem, A., Vidales, A.M., Cordero, S.
One-dimensional drug release from finite Menger sponges: In silico simulation
(2009) *Chaos, Solitons and Fractals*, 42 (5), pp. 2875-2884. Cited 1 time.

Document Type: Article

Source: Scopus

Rodríguez, C.M., Felipe, C., Vidales, A.M., Domínguez, A., Kornhauser, I., Rojas, F.
In silico study of the wettability effects on gas cluster growth by solute diffusion in correlated porous media
(2007) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 300 (1-2 SPEC. ISS.), pp. 106-110.

Document Type: Article

Source: Scopus

Reza, M., Dominguez, A.O., Schavemaker, P.H., Kling, W.L.
Maintaining the power balance in an 'empty network'
(2006) *European Transactions on Electrical Power*, 16 (5), pp. 479-493.

Document Type: Conference Paper

Source: Scopus

Villalobos, R., Cordero, S., Maria Vidales, A., Domínguez, A.
In silico study on the effects of matrix structure in controlled drug release
(2006) *Physica A: Statistical Mechanics and its Applications*, 367, pp. 305-318. Cited 12 times.

Document Type: Article

Source: Scopus

Villalobos, R., Vidales, A.M., Cordero, S., Quintanar, D., Domínguez, A.
Monte carlo simulation of diffusion-limited drug release from finite fractal matrices
(2006) *Journal of Sol-Gel Science and Technology*, 37 (3), pp. 195-199. Cited 12 times.

Document Type: Conference Paper

Source: Scopus

Reza, M., Dominguez, A.O., Schavemaker, P.H., Kling, W.L.
Maintaining the power balance in an 'empty network'
(2005) *2005 International Conference on Future Power Systems*, 2005, art. no. 1600527, .

Document Type: Conference Paper

Source: Scopus

Villalobos, R., Ganem, A., Cordero, S., Vidales, A.M., Domínguez, A.
Effect of the drug-exciipient ratio in matrix-type-controlled release systems: Computer simulation study
(2005) *Drug Development and Industrial Pharmacy*, 31 (6), pp. 535-543. Cited 11 times.

Document Type: Article

Source: Scopus

Felipe, C., López, R.H., Vidales, A.M., Domínguez, A.
2D automaton simulation of bubble growth by solute diffusion in correlated porous media
(2005) *Adsorption*, 11 (1 SUPPL.), pp. 491-496. Cited 4 times.

Document Type: Conference Paper

Source: Scopus

Cordero, S., Kornhauser, I., Domínguez, A., Felipe, C., Esparza, J.M., Rojas, F., López, R.H., Vidales, A.M., Riccardo, J.L., Zgrablich, G.
Site-bond network modeling of disordered porous media
(2004) *Particle and Particle Systems Characterization*, 21 (2), pp. 101-116. Cited 5 times.

Document Type: Review

Source: Scopus

Serrano-Saldaña, E., Domínguez-Ortiz, A., Pérez-Aguilar, H., Kornhauser-Strauss, I., Rojas-González, F.
Wettability of solid/brine/n-dodecane systems: Experimental study of the effects of ionic strength and surfactant concentration
(2004) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 241 (1-3), pp. 343-349. Cited 7 times.

Document Type: Conference Paper

Source: Scopus

Cordero, S., Domínguez, A., Kornhauser, I., López, R.H., Rojas, F., Vidales, A.M., Zgrablich, G.
On the universal behavior of sorption isotherms in disordered mesoporous solids
(2004) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 241 (1-3), pp. 47-52. Cited 2 times.

Document Type: Conference Paper

Source: Scopus

Esparza, J.M., Ojeda, M.L., Campero, A., Domínguez, A., Kornhauser, I., Rojas, F., Vidales, A.M., López, R.H., Zgrablich, G.
N2 sorption scanning behavior of SBA-15 porous substrates
(2004) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 241 (1-3), pp. 35-45. Cited 37 times.

Document Type: Conference Paper

Source: Scopus

Meraz, R.-L., Vidales, A.-M., Domínguez, A.

A fractal-like kinetics equation to calculate landfill methane production

(2004) *Fuel*, 83 (1), pp. 73-80. Cited 13 times.

Document Type: Article

Source: Scopus

Meraz, L., Domínguez, A., Kornhauser, I., Rojas, F.

A thermochemical concept-based equation to estimate waste combustion enthalpy from elemental composition

(2003) *Fuel*, 82 (12), pp. 1499-1507. Cited 20 times.

Document Type: Article

Source: Scopus

Cordero, S., Rojas, F., Kornhauser, I., Domínguez, A., Vidales, A.M., López, R., Zgrablich, G., Riccardo, J.L.

Pore-blocking and pore-assisting factors during capillary condensation and evaporation

(2002) *Applied Surface Science*, 196 (1-4), pp. 224-238. Cited 4 times.

Document Type: Conference Paper

Source: Scopus

Pérez-Aguilar, H., Domínguez, A., Rodríguez, C., Rojas, F., Kornhauser, I.

Virtual study of wettability effects on bubble growth by solute diffusion in correlated porous networks

(2002) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 206 (1-3), pp. 179-192. Cited 3 times.

Document Type: Conference Paper

Source: Scopus

Rojas, F., Kornhauser, I., Felipe, C., Esparza, J.M., Cordero, S., Domínguez, A., Riccardo, J.L.

Capillary condensation in heterogeneous mesoporous networks consisting of variable connectivity and pore-size correlation

(2002) *Physical Chemistry Chemical Physics*, 4 (11), pp. 2346-2355. Cited 37 times.

Document Type: Conference Paper

Source: Scopus

Domínguez, A., Pérez-Aguilar, H., Rojas, F., Kornhauser, I.

Mixed wettability: A numerical study of the consequences of porous media morphology

(2001) *Colloids and Surfaces A: Physicochemical and Engineering Aspects*, 187-188, pp. 415-424. Cited 7 times.

Document Type: Conference Paper

Source: Scopus

Cordero, S., Kornhauser, I., Felipe, C., Esparza, J.M., Domínguez, A., Riccardo, J.L., Rojas, F.

Condensation-evaporation processes in simulated heterogeneous three-dimensional porous networks

(2000) *Studies in Surface Science and Catalysis*, 128, pp. 121-130. Cited 3 times.

Document Type: Article

Source: Scopus

Domínguez, A., Bories, S., Prat, M.

Gas cluster growth by solute diffusion in porous media. Experiments and automaton simulation on pore network

(2000) *International Journal of Multiphase Flow*, 26 (12), pp. 1951-1979. Cited 28 times.

Document Type: Article

Source: Scopus

Bongiovanni, C., Dominguez, A., Chevaillier, J.-P.

Understanding images of bubbles

(2000) *European Journal of Physics*, 21 (6), pp. 561-570. Cited 7 times.

Document Type: Article

Source: Scopus

Rojas, F., Mayagoitia, V., Kornhauser, I., Domínguez, A., Riccardo, J.L., Zgrablich, G.

Simulation of heterogeneous catalytic surfaces

(1993) *Journal of Molecular Catalysis*, 85 (1), pp. 57-64.

Document Type: Article

Source: Scopus

Mayagoitia, V., Domínguez, A., Rojas, F.

Twofold description of the morphology of colloid aggregates and other complex structures

(1992) *Journal of Non-Crystalline Solids*, 147-148 (C), pp. 183-188. Cited 4 times.

Document Type: Article

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