

Recent Publications

A.L. Kholodenko and J.F. Douglas: Generalised Stokes–Einstein equation for spherical particle suspensions. *Phys. Rev. E* **51**/2 (1995), 1081–1090

M.C. Miquel and J.M. Rubi: Relaxation dynamics in suspensions of ferromagnetic particles. *Phys. Rev. E* **51**/3 (1995), 2190–2198

J.T. Petkov et al.: Measurement of the drag coefficient of spherical particles attached to fluid interfaces. *J. Colloid Interface Sci.* **172**/1 (1995), 147–154

M.C. Miquel and J.M. Rubi: Rotating magnetic–field induced rotations of magnetic holes. *J. Colloid Interface Sci.* **172**/1 (1995), 214–221

Z. Qi et al.: Light scattering from ferrofluids in strong magnetic fields. *J. Colloid Interface Sci.* **172**/1 (1995), 155–160

N. Vandewalle and M. Ausloos: Magnetic diffusion–limited aggregation. *Phys Rev. E* **51**/1 (1995), 597–603

H. Zhang and M. Widom: Field–induced forces in colloidal particle chains. *Phys. Rev. E* **51**/3 (1995), 2099–2103

A. Satoh and S.I. Kamiyama: On aggregation phenomena in magnetic fluids by the tunnel theory and Monte Carlo simulation. *J. Colloid Interface Sci.* **172**/1 (1995), 37–47

K.W.K. Ng et al.: The effects of different coagulation conditions on the aggregation mechanism of colloidal hematite. *Chem. Eng. Comb. Conf. (Inst. Eng. Aust.)* Vol. 2 (1993), 75/2–81/2

P. Doron and D. Barnea: Pressure drop and limit deposit velocity for solid–liquid flow in pipes. *Chem. Eng. Sci.* **50**/10 (1995), 1595–1604

V.A. Bocharov and M.Y. Ryskin: Improvement of nonferrous ore beneficiation. *Tsvetn. Met. (Moscow)* (8), (1994), 54–56

K.N. Trubetskoi et al.: Technological and economic feasibility of processing mining and ore treatment tailings. *Gorn. Zh.* (3), (1994), 44–48

J.L. Soubeyroux et al.: Role of the (H,C,N) interstitial elements on the magnetic properties of iron–rare earth permanent magnet alloys. *J. Alloy. Comp.* **219** (1995), 16–24

D. Feng et al.: Technical and theoretical approach of a complex–forces field magnetic separator. *Prepr. Soc. Min. Engrs. AIMÉ*, no. 95–24 (1995), 4 pp

Feng Guiting: DCH horizontal ring high-intensity magnetic separators. *Min. Metall. (China)* **3/3** (1994), 48–54

A.K. Bakshi and S.K. Kawatra: Determination of flow behaviour changes in mineral suspensions. *Prepr. Soc. Min. Engrs. AIME*, no. 95–33 (1995), 6 pp

L.F.G. D'Assumpcao et al.: High gradient magnetic separation of kaolin clay. *Prepr. Soc. min. Engrs. AIME*, no. 95–119 (1995), 8 pp

D. Feng et al.: The present status and trends of kaolin processing technology in China. *Prepr. Soc. Min. Engrs. AIME*, no. 95–23 (1995), 7 pp

V.A. Boldyrev et al.: Magnetic separation of low-grade uranium ores. *Hydrometallurgy*, *2nd Int. Conf., Int. Academic* 1992, Vol. 1 202–205

B.K. Lograsso et al.: Powder processing of rare earth–iron–boron permanent magnets. *Revs. Part. Mater.* **3** (1995), 223–254

J.P. Hund: Determination of viscosity. *Metal Finish.* **93** (1995), 422

S. Dobney: Magnetic separation using an induced ferrous matrix. *Ind. Miner.*, October 1995, p. 71

T.D. Rossing: Magnetic forces and fields: A note on terminology, definitions and pedagogy. *Am. J. Phys.* **63** (1995), 957

V.M. Dubovik et al.: Theory of the Curie–Weiss behaviour of an aggregated magnetic suspension. *J. Magn. Magn. Mater.* **150** (1995), 105

H.S. Left: Entropy and heat along reversible paths for fluids and magnets. *Am. J. Phys.* **63** (1995), 814

A.M. Brynza: Application of magnetic separation for titanium powder cleaning of metallic and non-metallic inclusions. *Titan* No. 4 (October–December 1993), 58–60

A.A. Alekhin et al.: About a method of separation of finished concentrate at primary iron–ore beneficiation stage. *Chern. Met. Bull. NTI* **5** (1993), 27–28

V.I. Tyurnikova et al.: On the possibility to use magnetic susceptibility for evaluation of concentration ability of ores. *Tsvetn. Metall.* No. 2 (1993), 36

R. Buch et al.: Reliable separation of nonferrous metals with eddy current separators. *Aufbereitungstechnik* **36** (1995), 418

R.R. Klimpel: Technology trends in froth flotation chemistry. *Min. Eng.* **47/10** 91995), 933–942