

## 參考文獻

1. Dan Liu, Shi-xiong Xu, Collins M.W, et al. Effect of Physiological Parameters and Drug Injection-methods on Drug Delivery in Spherical Solid Tumor. *Journal of Medical Biomechanics* 21(1), 20-26, 2006.
2. Shixiong Xu, Y.T.Chew, Yan Juntao, et al. Effect of Dynamical Variation of Tissue Pressure on Exchange Between Capillary and Tissue. *Journal of Medical Biomechanics* 16(3), 129-134, 2001.
3. Gai-ping Zhao, Shi-xiong Xu, Jie Wu, et al. 2-D Boundary Element Simulations of The Effect of Anisotropic Hydraulic Conductivity Coefficient on Interstitial Fluid Flow in Solid Tumor. *Journal of Medical Biomechanics* 21(1), 14-19, 2006.
4. 徐輝碧、楊祥良，奈米醫藥，清華大學出版社出版，2004。
5. Stanley Middleman, An introduction to Mass and Heat Transfer, John Wiley & Sons, Inc. United States of America, 1998.
6. 陳善智，博士論文-具布朗運動行為的膠體粒子在多孔性介質中吸附與輸送現象的探討，國立台灣大學化學工程研究所，民國 92 年。
7. 詹訓誌，博士論文-以網絡模型模擬劇布朗運動行為的膠體粒子在過濾器中的吸附效率與過濾係數的探討，私立東海大學化學工程研究所，民國 95 年。
8. Hemant Pendse, Chi Tien, 1982, A Simulation Model of A Simulation Model of Aerosol Collection in Granular Media. *Journal of Interface Science* 87(1), 225-241, 1982.
9. Alkiviades C. Payatakes, Chi Tien, Raffi M. Turian, A New Model for Granular Porous Media: Part I. Model Formulation. *AIChE Journal* 19(1), 58-66, 1973

10. P. Fedkiw, J. Newman, *AIChE Journal* 23, 255, 1977.
11. Joseph C.F. Chow, Kunihsa Soda, Laminar Flow in Tubes with Constriction. *The Physics of Fluids* 15(10),1700-1706, 1972.
12. Hsu-Wen Chiang, Chi Tien, Dynamics of Deep-Bed Filtration Part I:Analysis of Two Limiting Cases. *AIChE Journal* 31(8), 1349-1359, 1985.
13. Bandaru V. Ramarao, Chi Tien, S. Mohan, Calculation of Single Fiber Efficiencies for Interception and Impaction with Superposed Brownian Motion. *Journal of Aerosol Science* 25(2), 295-313, 1994.
14. You-Im Chang, Jue-Joan Whang, Theoretical Simulation of The Collection Efficiencies of Brownian Particles. *Colloids and Surfaces a: Physicochemical and Engineering Aspects* 125, 137-148, 1997.
15. You-Im Chang, Jue-Joan Whang, Deposition of Brownian Particles in The Presence of Energy Barriers of DLVO Theory: Effect of The Dimensionless Group. *Chemical Engineering Science* 53(23), 3923-3939, 1998.
16. Eli Puckenstein, Dennis C. Prieve, Adsorption and Desorption of Particles and Their Chromatographic Separation. *AIChE Journal* 22(2), 276-283, 1976.
17. Raj Rajagopalan, John S. Kim, Adsorption of Brownian Particles in the Presence of Potential Barriers: Effect of Different Modes of Double-Layer Interaction. *Journal of Colloid and Interface Science* 83(2), 428-448, 1981.
18. Subir Bhattacharjee, Chun-Han Ko, Menachem Elimelech, DLVO Interaction between Rough Surface. *Langmuir* 14, 3365-3375, 1998.
19. Lloyd A. Spielman, Joseph A. Fitzpatrick, Theory for Particle Collection under London and Gravity Force. *Journal of Colloid and Interface Science* 42(3), 607-623, 1973.
20. P.Decuzzi, S.Lee, B.Bhushan, M. Ferrari, A Theoretical Model for the Margination of Particles within Blood Vessels. *Annals of Biomedical Engineering* 33(2), 179-190, 2005.
21. James W. Baish, Paolo A. Netti, Rakesh K. Jain, Transmural Coupling of Fluid Flow in Microcirculatory Network and Interstitium

- in Tumors. *Microvascular Research* 53,128-141, 1997.
22. Jie Wu, Shixiong Xu, Quan Long, et al. Coupled Modeling of Blood Perfusion in Intravascular, Interstitial Spaces in Tumor Microvasculature. *Journal of Biomechanics* 41, 996-1004, 2008.
  23. C. Tien, Granular Filtration of Aerosols and Hydrosols, Butterworths, Stoneham, MA., 1989.
  24. S. Kirkpatrick, Percolation and Conduction. *Review of Modern Physics* 45(4), 574-588.
  25. P. M. Happel, H. Brenner, Low Reynolds Number Hydrodynamics, Noordhoff, Leyden, The Netherlands, 320, 1973.
  26. S. D. Rege, H. S. Fogler, A Network Model for Deep Bed Filtration of Solid Particles and Emulsion Drops. *AIChE Journal* 34(11), 1761-1772, 1988.
  27. Chang-upp Choo, Chi Tien, Simulation of Hydrosol Deposition in Granular Media. *AIChE Journal* 41(6), 1426-1442, 1995.
  28. Hwall Soo, Clayton J. Radke, 1984, The Flow Mechanism of Dilute, Stable Emulsions in Porous Media. *Industrial & Engineering Chemistry Fundamentals* 23, 342-347, 1984.
  29. Chi Tien, Granular Filtration of Aerosols and Hydrosols: Chapter 2. Butterworths Stoneham, MA,1989.
  30. C. U. Choo,C. Tien, Simulation of Hydrosol Deposition in Granular Media. *AIChE Journal* 41(6), 1426-1442, 1995.