研究業績

a) 原著論文

2015

1. Yuya Hattori, Kazunori Kadota, Taichi Yano, Atsuko Shimosaka, Hideki Ichikawa, Yoshinobu Fukumori, Yoshiyuki Shirakawa, Jusuke Hidaka. Fabrication of composite particles through single pass using a coaxial tube reactor. Chemical Engineering and Processing: Process Intensification, Volume 97, November 2015, Pages 233–241.
2. Fujimoto T, Andoh T, Sudo T, Fujita I, Fukase N, Takeuchi T, Sonobe H, Inoue M, Hirose T, Sakuma T, Moritake H, Sugimoto T, Kawamoto T, Fukumori Y, Yamamoto S, Atagi S, Sakurai Y, Kurosaka M, Ono K, Ichikawa H, Suzuki M., Potential of boron neutron capture therapy (BNCT) for malignant peripheral nerve sheath tumors (MPNST). Appl Radiat Isot. 106, 220-225 (2015).
3. Andoh T, Fujimoto T, Suzuki M, Sudo T, Sakurai Y, Tanaka H, Fujita I, Fukase N, Moritake H, Sugimoto T, Sakuma T, Sasai H, Kawamoto T, Kirihata M, Fukumori Y, Akisue T, Ono K, Ichikawa H., Boron neutron capture therapy (BNCT) as a new approach for clear cell sarcoma (CCS) treatment: Trial using a lung metastasis model of CCS. Appl Radiat Isot. 106, 195-201 (2015).
4. Karmaker, S., Uddin, M.N., Ichikawa, H., Fukumori, Y., Saha, T.K., Adsorption of reactive orange 13 onto jackfruit seed flakes in aqueous solution. Journal of Environmental Chemical Engineering, 3(1), 583-592 (2015).
5. 大野 優太, 安藤 徹, 津江 晋一郎, 杉澤 賢司, 福森 義信, 市川 秀喜, ドラフトチューブ付き噴流層スプレーコーターによる超低粘度ヒドロキシプロピルセルロースを用いた微小核粒子への薬物レイヤリング．粉体工学会誌、52(3), 145-149 (2015).
6. Onodera T, Kuriyama I, Andoh T, Ichikawa H, Sakamoto Y, Lee-Hiraiwa E, Mizushina Y. Influence of particle size on the in vitro and in vivo anti-inflammatory and anti-allergic activities of a curcumin lipid nanoemulsion. Int J Mol Med., 35(6), 1720-1728 (2015).)

2014

7. Hojo K, Shinozaki N, Hidaka K, Tsuda Y, Fukumori Y, Ichikawa H, Wade JD, Microwave-assisted solid-phase peptide synthesis using Fmoc strategy. III: racemization studies and water-based synthesis of histidine-containing peptides. *Amino Acids*, 46(10), 2347-54 (2014)
8. Ichikawa H, Uneme T, Andoh T, Arita Y, Fujimoto T, Suzuki M, Sakurai Y, Shinto H, Fukasawa T, Fujii F, Fukumori Y., Gadolinium-loaded chitosan nanoparticles for neutron-capture therapy: Influence of micrometric properties of the nanoparticles on tumor-killing effect. *Appl Radiat Isot*, 88, 109-13 (2014).
9. Andoh, Tooru; Fujimoto Takuya, Sudo Tamotsu, Suzuki Minoru, Sakurai Yoshinori, Sakuma Toshiko, Moritake Hiroshi, Sugimoto Tohru, Takeuchi Tamotsu, Sonobe Hiroshi, Epstein AL, Fukumori Y, Ono K, Ichikawa H., Boron neutron capture therapy as new treatment for clear cell sarcoma: Trial on different animal model. Applied Radiation and Isotopes, 88, 59-63 (2014).

2013

10. Keiko Hojo*, Natsuki Shinozaki, Yoshimi Nozawa, Yoshinobu Fukumori, Hideki Ichikawa, Aqueous Microwave-Assisted Solid-Phase Synthesis Using Boc-Amino Acid Nanoparticles. Appl. Sci., 3, 614-623 (2013).
11. Keiko Hojo,* Natsuki Shinozaki, Asaki Hara, Mare Onishi, Yoshinobu Fukumori and Hideki Ichikawa. Aqueous Microwave-Assisted Solid-Phase Peptide Synthesis Using Fmoc Strategy. 11. Racemization Studies and Water ßased Synthesis of Cysteine-Containing Peptides. *Protein & Peptide Letters* (2013) 20, 1122-1128.
12. Fujimoto Takuya; Andoh Tooru; Sudo Tamotsu; Fujita Ikuo; Moritake Hiroshi; Sugimoto Tohru; Sakuma Toshiko; Akisue Toshihiro; Kawabata Shinji; Kirihata Mitsunori; Suzuki Minoru; Sakurai Yoshinori; Ono Koji; Fukumori Yoshinobu; Kurosaka Masahiro; Ichikawa Hideki. Boron neutron capture therapy (BNCT) selectively destroys human clear cell sarcoma in mouse model. Applied radiation and isotopes: (2013), 73, 96-100.

2012

13. Hojo, Keiko; Ichikawa, Hideki; Hara, Asaki; Onishi, Mare; Kawasaki, Koichi; Fukumori, Yoshinobu. Aqueous microwave-assisted solid-phase peptide synthesis using Fmoc strategy: in-water synthesis of "difficult sequences", Protein & Peptide Letters (2012), 19(11), 1231-1236.
14. Songyot Anuchapreeda, Hideki Ichikawa, Siriporn Okonogi, and Yoshinobu Fukumori. Preparation of Lipid Nano-Emulsions Incorporating Curcumin. J Nanotechnol., ID 270383, 1-11 (2012).

2011

15. Hojo K, Ichikawa H, Onishi M, Fukumori Y, Kawasaki K. Peptide synthesis 'in water' by a solution-phase method using water-dispersible nanoparticle Boc-amino acid. *J Pept Sci*., 17(7), 487-493 (2011). Epub

2011 Apr 14.

16. Tapan K. Saha, Nikhil C. Bhoumik, Subarna Karmaker, Mahmooda G. Ahmed, Hideki Ichikawa, Yoshinobu Fukumori. Adsorption Characteristics of Reactive Black 5 from Aqueous Solution onto Chitosan, Clean–Soil, Air, Water, 984–993, 39(10), 2011.
17. T. Fujimoto, T. Andoh, T. Sudo, I. Fujita, M. Imabori, H. Moritake, T. Sugimoto, Y. Sakuma, T. Takeuchi, H. Sonobe, Alan L. Epstein, T. Akisue, M. Kirihata, M. Kurosaka, Y. Fukumori, H. Ichikawa. Evaluation of BPA uptake in clear cell sarcoma (CCS) in vitro and development of an in vivo model of CCS for BNCT studies. *Appl. Rad. Isotopes*, 69 (2011) 1713–1716.
18. T. Andoh, T. Fujimoto, T. Sudo, I. Fujita, M. Imabori, H. Moritake, T. Sugimoto, Y. Sakuma, T. Takeuchi, S. Kawabata, M. Kirihata, T. Akisue, K. Yayama, M. Kurosaka, S. Miyatake, Y. Fukumori, H. Ichikawa. Boron neutron capture therapy for clear cell sarcoma (CCS): Biodistribution study of p-borono-L-phenylalanine in CCS-bearing animal models. *Appl. Rad. Isotopes*, 69 (2011) 1721–1724.

2010

19. Tapan Kumar Saha, Nikhil Chandra Bhoumik, Subarna Karmaker, Mahmooda Ghani Ahmed, Hideki Ichikawa, Yoshinobu Fukumori. Adsorption of Methyl Orange onto Chitosan from Aqueous Solution. *J. Water Resource and Protection*, 2, 898-906 (2010).
20. Hui Xu, Hiroya Abe, Makio Naito, Yoshinobu Fukumori, Hideki Ichikawa, Shigehisa Endoh and Kenji Hata. Efficient dispersing and shortening of super-growth carbon nanotubes by ultrasonic treatment with ceramic balls and surfactants. *Advanced Powder Technology*, 21(5), 551-555 (2010).
21. Shaoning Wang, Xiaoyun Wang, Hui Xu,*, Hiroya Abe, Zhenquan Tan, Yanqiu Zhao, Jianbo Guo, Makio Naito, Hideki Ichikawa, Yoshinobu Fukumori. Towards sustained delivery of small molecular drugs using hydroxyapatite microspheres as the vehicle. *Advanced Powder Technology*, 21 (3), 268–272 (2010).

2009

22. Fujimoto T, Ichikawa H, Akisue T, Fujita I, Kishimoto K, Hara H, Imabori M, Kawamitsu H, Sharma P, Brown SC, Moudgil BM, Fujii M, Yamamoto T, Kurosaka M, Fukumori Y. Accumulation of MRI contrast agents in malignant fibrous histiocytoma for gadolinium neutron capture therapy. *Appl Radiat Isot.* 67(7-8 Suppl):S355-8 (2009)
23. Ichikawa H, Taniguchi E, Fujimoto T, Fukumori Y: Biodistribution of BPA and BSH after single, repeated and simultaneous administrations for neutron-capture therapy of cancer. *Appl Radiat Isot.* 67(7-8 Suppl):S111-4 (2009).

2008

24. Hui Xu[a)], Hiroya Abe [a)], Makio Naito [a)], Hideki Ichikawa, Yoshinobu Fukumori, Shigehisa Endoh [b)] : Immobilization of Highly-dispersed Single-walled Carbon Nanotubes in Biocompatible and Water-soluble Solid Matrix. *J. Ceram. Soc. Japan*, 116 (9), 965-968 (2008). a)大阪大学接合科学研究所. b)産業総合技術研究所.
25. Keiko Hojo, Hideki Ichikawa, Yoshinobu Fukumori, Koichi Kawasaki：Development of a Method for the Solid-Phase Peptide Synthesis in Water. *Int J. Pept. Res. Ther.*, 14, 373-380 (2008).
26. Yaowalak Boonsongrit, Hiroya Abe, Kazuyoshi Sato, Makio Naito, Masahiro Yoshimura, Hideki Ichikawa, Yoshinobu Fukumori, Controlled release of bovine serum albumin from hydroxyapatite microspheres for protein delivery system. Materials Science and Engineering B, 148 (2008) 162–165.
27. Motoyuki Iijima, Motoyasu Yoshimura, Tadashi Tsuchiya, Mayumi Tsukada, Hideki Ichikawa, Yoshinobu Fukumori, and Hidehiro Kamiya, Direct measurement of interactions between stimulation-responsive drug delivery vehicles and artificial mucin layers by colloid probe atomic force microscopy. *Langmuir,* 2008, 24, 3987-3992.

2007

28. Keiko Hojo, Hideki Ichikawa, Mitsuko Maeda, Shinya Kida, Yoshinobu Fukumori, Koichi Kawasakai : Solid-phase Peptide Synthesis Using Nanoparticulate Amino Acids in Water. *J. Pept. Sci.*, 13, 493-497 (2007).
29. Boonsongrit Yaowalak[a], Kazuyoshi Sato[a], Akira Kondo[a], Hiroya Abe[a], Makio Naito[a], Masahiro Yoshimura[b], Hideki Ichikawa, Yoshinobu Fukumori : Encapsulation of protein-loaded hydroxyapatite granules with poly(lactic-co-glycolic acid). *J. Ceram. Soc. Japan*, 115 (11), 745-747 (2007). a. 大阪大学接合科学研究所，b. 東京工業大学.
30. Cathy E. McNamee, Yuki Aso, Shinpei Yamamoto, Yoshinobu Fukumori, Hideki Ichikawa, Ko Higashitani：Chemical groups that adhere to the surfaces of living malignant cells. *Pharm. Res.*, 24(12), 2370-2380 (2007).
31. Ichikawa, H., Watanabe T., Tokumitsu H., Fukumori Y. Formulation Considerations of Gadolinium Lipid Nanoemulsion for Intravenous Delivery to Tumors in Neutron-Capture Therapy. *Current Drug Delivery*, 4, 131-140 (2007).

2006

32. Arimoto, M., Fukumori, Y., Fujiki, J., Ichikawa, H.（有本昌弘 [a], 福森義信, 藤木淳子 [a], 市川秀喜, 2006）Acrylic terpolymer microcapsules for colon-specific drug delivery: effect of molecular weight and solubility of microencapsulated drugs on their release behaviors. *J. Drug Dev. Sci. Tech*., 16 (3), 173－181．a．アルフレッサファーマ．
33. 佐々木隆史 [a], 大原　智 [a], 梅津光央 [a], 名嘉　節 [a], 阿尻雅文 [a], 鍋田千賀, 市川秀喜, 福森義信（2006）超臨界水熱法による Gd 中性子捕捉療法用新規無機ナノ粒子の調製．*粉体工学会誌*, 43，440－444 (2006)．a．東北大学多元物質科学研究所．
34. Pyo, N., Tanaka, S., McNamee, C. E., Kanda, Y., Fukumori, Y., Ichikawa, H., Higashitani, K.（表　羅英 [a], 田中沙綾 [a]，キャシー・マクナミー[a]，神田陽一 [a]，福森義信，市川秀喜，東谷　公 [a]，2006）Effect of the cell type and cell density on the binding of living cells to a silica particle: An atomic force microscope study. *Colloids and Surfaces B: Biointerface*, 53, 278－287．a．京都大学工学研究科．
35. Saha, T. K., Ichikawa, H., Fukumori, Y.（タパン・クマル・シャハ [a]，市川秀喜，福森義信，2006）Gadolinium diethylenetriaminopentaacetic acid-loaded chitosan microspheres for gadolinium neutron-capture therapy. *Carbohydrate Res*., 341, 2835－2841．a．ヤハンギノゴール大学.
36. Dongchun Liu, Hideki Ichikawa, Fude Cui, Yoshinobu Fukumori. Short-term delayed-release microcapsules spraycoated with acrylic terpolymers. *Int. J. Pharm*., 307, 300–307 (2006).

2005

37. Adeyeye MC, Mwangi E, Katpally S, Fujioka K, Ichikawa H, Fukumori Y.: Suspensions of prolonged-release diclofenac-Eudragit(R) and ion-exchange resin microcapsules: II. Improved dissolution stability. J. Microencapsul., 22(4), 353-362 (2005).
38. Adeyeye MC, Mwangi E, Katondo B, Jain A, Ichikawa H, Fukumori Y. Dissolution stability studies of suspensions of prolonged-release diclofenac microcapsules prepared by the Wurster process: I. Eudragit-based formulation and possible drug-excipient interaction. J. Microencapsul., 22(4), 333-342 (2005).
39. Saha TK, Karmaker S, Ichikawa H, Fukumori Y. Mechanisms and kinetics of trisodium 2-hydroxy-1,1'-azonaphthalene-3,4',6-trisulfonate adsorption onto chitosan. J. Colloid Interface Sci. 286(2), 433-439 (2005).
40. Maeda N., Hada T., Murakami-Nakai C., Kuriyama I., Ichikawa H., Fukumori. Y., Hiratsuka J., Yoshida H., Sakaguchi K., Mizushina Y.: Effects of DNA polymerase inhibitory and antitumor activities of lipase-hydrolyzed glycolipid fractions from spinach. J. Nutri. Biochem., 16, 121-128 (2005).

2004

41. Masahiro Arimoto, Hideki Ichikawa, Yoshinobu Fukumori: Microencapsulation of water-soluble macromolecules with acrylic terpolymers by the Wurster process for colon-specific drug delivery. Powder Technol., 141, 177-186 (2004).

2003

42. Hideki Ichikawa, Masahiro Arimoto, Yoshinobu Fukumori: Design of microcapsules with hydrogel as a membrane component and their preparation by a spouted bed. Powder Technol., 130, 189－192 (2003).
43. Leobandung，W., Ichikawa, H., Fukumori, Y., Peppas, N. A.（ウィリアム・レオバンダン [a]，市川秀喜，福森義信, ニコラス・A.・ペパス [a], 2003）Monodisperse nanoparticles of poly(ethylene glycol) macromers and N-isopropyl acrylamide for biomedical applications. J. Appl. Polym. Sci., 87, 1678－1684．a．パデュー大学工学部．
44. Mizushina Y., Maeda N., Kawasaki M., Ichikawa H., Murakami C., Takemura M., Xianai Xu, Sugawara F., Fukumori Y., Yoshida H., Sakaguchi K. Inhibitory Action of Emulsified Sulfoquinovosyl Acylglycerol on Mammalian DNA Polymerases. Lipids, 38 (10), 1065-1074 (2003).

2002

45. Tetsuya Watanabe, Hideki ichikawa Yoshinobu Fukumori. Tumor Accumulation of Gadolinium in Lipid-Nanoparticles intravenously Injected for Neutron-Capture Therapy of Cancer. Eur. J. Pharm. Biopharm, 54, 119-124 (2002).
46. William Leobandung, Hideki Ichikawa, Yoshinobu Fukumori, Nicholas A. Peppas. Preparation of Stable Insulin-Loaded Nanoparticles of Poly(Ethylene Glycol) Macromers and N-Isopropyl Acrylamide. J. Controlled Release, 80, 357-363 (2002).
47. Futoshi Shikata, Hiroyuki Tokumitsu, Hideki Ichikawa, Yoshinobu Fukumori. In Vitro Cellular Accumulation of Gadolinium Incorporeted into Chitosan Nanoparticles Designed for Neutron-Capture Therapy of Cancer. Eur. J. Pharm. Biopharm., 53, 57-63 (2002).

2001

48. Akaho, E., Fukumori, Y., Studies on Adsorption Characteristics and Mechanism of Adsorption of

Chlorhexidine Mainly by Carbon Black. J. Pharm. Sci., 90 (9), 1288-1297 (2001).

49. Ichikawa, H., Fujioka, K., Adeyeye, M. C., Fukumori, Y. Use of Ion-Exchange Resins to Prepare 100 μm-Sized Microcapsules with Prolonged Drug-Release by the Wurster Process. Int. J. Pharm., 216 (1), 67-76 (2001).

2000

50. Hideki Ichikawa, Yoshinobu Fukumori. A Novel Positively Thermosensitive Controlled-Release Microcapsule with Membrane of Nano-Sized Poly(N-isopropylacrylamide) Gel Dispersed in Ethylcellulose Matrix. J. Controlled Release, 63 (1-2), 107-119 (2000).
51. Hiroyuki Tokumitsu, Junichi Hiratsuka, Yoshinori Sakurai, Tooru Kobayashi, Hideki Ichikawa and Yoshinobu Fukumori. Gadolinium Neutron-Capture Therapy Using Novel Gadopentetic Acid-Chitosan Complex Nanoparticles: In Vivo Growth Suppression of Experimental Melanoma Solid Tumor. Cancer Letters, 150 (2), 177-182 (2000).

1999

52. Hiroyuki Tokumitsu, Hideki Ichikawa and Yoshinobu Fukumori. Chitosan-Gadopentetic Acid Complex Nanoparticles for Gadolinium Neutron-Therapy of Cancer: Preparation by Emulsion-Droplet Coalescence Technique and Characterization. Pharm. Res., 16 (12), 1830-1835 (1999).
53. Masahito Miyamoto, Kaoru Hirano, Hideki Ichikawa, Yoshinobu Fukumori, Yasuyuki Akine and Koichi Tokuuye. Biodistribution of Gadolinium Incorporated in Lipid Emulsions for Neutron-Capture Therapy with Tumor-Bearing Hamster. Biol. Pharm. Bull., 22 (12), 1331-1340 (1999).
54. Hideki Ichikawa, Yoshinobu Fukumori. Microagglomeration of Pulverized Pharmaceutical Powders Using the Wurster Process I. Preparation of Highly Drug-incorporated, Subsieve-sized Core Particles for Subsequent Microencapsulation by Film-coating. Int. J. Pharm., 180, 195-210 (1999).
55. Hideki Ichikawa, Yoshinobu Fukumori. Negatively Thermosensitive Release of Drug from Microcapsules with Hydroxypropyl Cellulose Membranes Prepared by the Wurster Process. Chem. Pharm. Bull., 47 (8), 1102-1107 (1999).
56. Hiroyuki Tokumitsu, Hideki Ichikawa, Yoshinobu Fukumori, Lawrence H. Block. Preparation of Gadopentetic Acid-Loaded Chitosan Microparticles for Gadolinium Neutron-Capture Therapy of Cancer by a Novel Emulsion-Droplet Coalescence Technique. Chem. Pharm. Bull., 47 (6), 838-842 (1999).
57. Masao Hamuro, Kenji Nakamur, Yukimasa Sakai, Manabu Nakata, Hideki Ichikawa, Yoshinobu Fukumori, Ryusaku Yamada. Development of a New Oily Agent in Targeting Chemoembolization for Hepatocellular Carcinoma. Cardiovascular and Interventional Radiology, 22, 130-134 (1999).
58. Masahito Miyamoto, Kaoru Hirano, Hideki Ichikawa, Yoshinobu Fukumori, Yasuyuki Akine, Koichi Tokuuye. Preparation of Gadolinium-Containing Emulsions Stabilized with Phosphatidylcholine-Surfactant Mixtures for Neutron-Capture Therapy. Chem. Pharm. Bull., 47 (2), 203-208 (1999).
59. Kaori Jono, Hideki Ichikawa, Kazuhiro Fujioka, Yoshinobu Fukumori, Yasuyuki Akine, Koichi Tokuuye. Preparation of Lecithin Microcapsules by a Dilution Method Using the Wurster Process for Intraarterial Administration in Gadolinium Neutron-Capture Therapy. Chem. Pharm. Bull., 47 (1), 54-63 (1999).

1998

60. Tapan Kumar Saha, Kaori Jono, Hideki Ichikawa, Yoshinobu Fukumori. Preparation and Evaluation of Glutaraldehyde Cross-Linked Chitosan Microspheres as a Gadolinium Reservoir for Neutron-Capture Therapy. Chem. Pharm. Bull., 46 (3), 537-539 (1998).
61. 大迫義文，黒田隆司，藤本哲磨，市川秀喜，情野　香，福森義信．三筒付噴流層の粒子挙動に影響する要因．粉体工学会誌，35 (6), 434-438 (1998).
62. Yoshinobu Fukumori, Hiroshi Tamura, Kaori Jono, Masahito Miyamoto, Hiroyuki Tokumitsu, Hideki Ichikawa, Lawrence H. Block. Dry Grinding of Chitosan Powder by a Planetary Ball Mill. Adv. Powder Technol., 9 (4), 281-292 (1998).
63. Kaori Jono, Hideki Ichikawa, Yoshinobu Fukumori, Yoshinori Uwamino. Dissolution Properties of Gadolinium-Containing Lecithin Microcapsules Prepared by a Spouted Bed Process Assisted with a Draft Tube. Adv. Powder Technol., 9 (4), 363-375 (1998).
64. Yoshinobu Fukumori, Hideki Ichikawa, Mamoru Ueda. Preparation of Controlled Release Microcapsules by a High-Speed Elliptical-Rotor Type Mixer. Proceedings of the World Congress on Particle Technology 3, No. 120, Brighton, UK, July 7-9, 1998, Institution of Chemical Engineers, Rugby CV21 3HQ, UK.
65. Hideki Ichikawa, Akihiko Ohdoi, Kazuhiro Fujioka, Yoshinobu Fukumori. Preparation of Microcapsules with Thermosensitive Hydrogel Membranes for Controlled Release Pharmaceuticals by a Spouted Bed Process. Proceedings of the World Congress on Particle Technology 3, No. 121, Brighton, UK, July 7-9, 1998, Institution of Chemical Engineers, Rugby CV21 3HQ, UK.

1997

66. Kaori Jono, Hideki Ichikawa, Yoshinobu Fukumori, Ryuichi Kanamori, Yasuji Tsutsumi, Katsuko Murata,

Atsuko Morimoto, Kenji Nakamura. Effect of Additives on Dissolution and Swelling of Soybean Lecithin Microcapsules Prepared Using the Wurster Process, Chem. Pharm. Bull., 45 (12), 2061-2075 (1997).

67. Masahito Miyamoto, Hideki Ichikawa, Yoshinobu Fukumori, Yasuyuki Akine, Koichi Tokuuye. Design and Preparation of Gadolinium-Reservoir Microcapsules for Neutron-Capture Therapy by Means of the Wurster Process, Chem. Pharm. Bull., 45 (12), 2043-2050 (1997).
68. Hiroyuki Tokumitsu, Yoshinobu Fukumori, Yuko Tsuda, Yoshio Okada, Fumiyo Kasuya, Kazuo Igarashi and Miyoshi Fukui. Degradation of a Novel Tripeptide, tert-Butoxycarbonyl- Try-Leu-Val-CH2Cl, with Inhibitory Effect on Human Leukocyte Elastase in Aqueous Solution and in Biological Fluids. Chem. Pharm. Bull, 45 (11), 1845-1850 (1997).
69. Hideki Ichikawa, Yoshinobu Fukumori, Christianah Moji Adeyeye. Design of Prolonged-Release Microcapsules Containing Diclofenac Sodium for Oral Suspensions and Their Preparation by the Wurster Process, Int. J. Pharm., 156, 39-48 (1997).

1996

70. Hideki Ichikawa, Shuji Kaneko, Yoshinobu Fukumori. Coating Performance of Aqueous Composite Latices with N-Isopropylacrylamide Shell and Thermosensitive Permeation Properties of Their Microcapsule Membranes. Chem. Pharm. Bull., 44(2), 383-391 (1996).
71. Kaori Jono, Hideki Ichikawa, Yoshinobu Fukumori, Ryuichi Kanamori, Yasuji Tsutsumi, Katsuko Murata, Atsuko Morimoto, Kenji Nakamura. Phase Separation in Microcapsule Membranes Composed of Soybean Lecithin, Cholesterol, Stearic Acid and Polyvinylpyrrolidone, Chem. Pharm. Bull., 44, 392-398 (1996).

1995

1994

72. Hideki Ichikawa, Hiroyuki Tokumitsu, Kaori Jono, Tomoaki Fukuda, Yoshifumi Osako, Yoshinobu Fukumori. Coating of Pharmaceutical Powders by Fluidized Bed Process. VI. Microencapsulation Using Blend and Composite Latices of Copoly(EA-MMA-HEMA). Chem. Pharm. Bull., 42, 1308-1314 (1994).
73. Yoshinobu Fukumori, Hideki Ichikawa, Kaori Jono, Hiroyuki Tokumitsu, Toshifumi Shimizu, Ryuichi Kanamori, Yasuji Tsutsumi, Kenji Nakamura, Katsuko Murata, Atsuko Morimoto, Mitsuo Tsubakimoto, Haruki Nakatsuka, Kazuo Minakuchi, Yasuto Onoyama. Dissolution Properties of Soybean Lecithin Microcapsules for Short-Term Controlled Release Prepared Using the Wurster Process, Chem. Pharm. Bull., 42, 2604-2611 (1994).

1993

74. Yoshinobu Fukumori, Hideki Ichikawa, Kaori Jono, Tomoaki Fukuda, Yoshifumi Osako. Effect of Additives on Agglomeration in Aqueous Coating with Hydroxypropyl Cellulose, Chem. Pharm. Bull., 41, 725-730 (1993).
75. Hideki Ichikawa, Kaori Jono, Hiroyuki Tokumitsu, Tomoaki Fukuda, Yoshinobu Fukumori. Coating of Pharmaceutical Powders by Fluidized Bed Process. V. Agglomeration and Efficiency in the Coating with Aqueous Latices of Copoly(EA-MMA-HEMA), Chem. Pharm. Bull., 41, 1132-1136 (1993).
76. Yoshinobu Fukumori, Hideki Ichikawa, Hiroyuki Tokumitsu, Masahito Miyamoto, Kaori Jono, Ryuichi Kanamori, Yasuyuki Akine, Nobuhiko Tokita. Design and Preparation of Ethyl Cellulose Microcapsules of Gadopentetate Dimeglumin for Neutron Capture Therapy Using the Wurster Process, Chem. Pharm. Bull., 41, 1144-1148 (1993).

1992

77. Fumiyo Kasuya, Kazuo Igarashi, Miyoshi Fukui, Yoshinobu Fukumori, Hiroyuki Tokumitsu, Tomoaki Fukuda, Yuko Tsuda and Yoshio Okada. Liquid Chromatographic/atmospheric Pressure Chemical Ionization Mass Spectrometric Analysis of Synthetic Elastase Inhibitor Peptide. Biol. Mass Spectrometry, 21, 500-504 (1992).
78. Yasuyuki Akine, Nobuhiko Tokita, Koichi Tokuuye, Michinao Satoh, Yoshinobu Fukumori, Hiroyuki Tokumitsu, Ryuichi Kanamori, Tooru Kobayashi, Keiji Kanda. Neutron-Capture Therapy of Murine Ascites Tumor with Gadolinium-Containing Microcapsules. J. Cancer Res. Clin. Oncol., 119, 71-73 (1992).
79. Yoshikazu Takeuchi, Hidehito Yasukawa, Yumiko Yamaoka, Yasuko Morimoto, Satoshi Nakao, Yoshinobu Fukumori, Tomoaki Fukuda. Destabilization of Whole Skin Lipid Bio-Liposomes Induced by Skin Penetration Enhancers and FT- IR/ATR Analysis of Stratum Corneum Lipids. Chem. Pharm. Bull., 40 (2), 484-487 (1992).
80. Yoshikazu Takeuchi, Hidehito Yasukawa, Yumiko Yamaoka, Yuichi Kato, Ysuko Morimoto, Yoshinobu Fukumori, Tomoaki Fukuda. Effects of Fatty Acids, Fatty Amines and Propylene Glycol on Rate Stratum Corneum Lipids and Proteins in Vitro Measured by FT-IR/ATR Spectroscopy. Chem. Pharm. Bull., 40 (7), 1887-1892 (1992).
81. Yoshinobu Fukumori, Hideki Ichikawa, Kaori Jono, Yoshikazu Takeuchi, Tomoaki Fukuda. Computer Simulation of Agglomeration in the Wurster Process, Chem. Pharm. Bull., 40, 2159-2163 (1992).

82. Yasuyuki Akine, Nobuhiko Tokita, Koichi Tokuuye, Michinao Satoh, Yoshinobu Fukumori, Hiroyuki Tokumitsu, Ryuichi Kanamori, Tooru Kobayashi, Keiji Kanda. Neutron-Capture Therapy of Murine Ascites Tumor with Gadolinium-Containing Microcapsules. J. Cancer Res. Clin. Oncol., 119, 71-73 (1992).
83. 森本泰子、内田寛香、福森義信、福田友昭、竹内由和. クロルプロマジン誘発性膜不安定化に対するタウリンの抑制効果. .薬剤学, 52, 166-171 (1992).
84. 森本泰子、福森義信、福田友昭、竹内由和. クロルプロマジン誘発性膜不安定化に対するタウリンの抑制効果のＥＳＲを用いた検討. 薬剤学, 52, 231-238 (1992).

1991

85. 村田佳津子，中村健治，椿本光男，中塚春樹，水口和夫，小野山靖人，金森隆一，福森義信．抗癌剤封入消失型マイクロカプセルの開発．日本医学放射線学会雑誌，51, 94-96 (1991).
86. Yoshinobu Fukumori, Hideki Ichikawa, Yumiko Yamaoka, Eiichi Akaho, Yoshikazu Takeuchi, Tomoaki Fukuda, Ryuichi Kanamori, Yoshifumi Osako. Microgranulation and Encapsulation of Pulverized Pharmaceutical Powders with Ethyl Cellulose by the Wurster Process. Chem. Pharm. Bull., 39 (7), 1806-1812 (1991).
87. Yoshinobu Fukumori, Hideki Ichikawa, Yumiko Yamaoka, Riichi Akaho, Yoshikazu Takeuchi, Tomoaki Fukuda, Ryuichi Kanamori, Yoshifumi Osako. Effect of Additives on Physical Properties of Fine Ethyl Cellulose Microcapsules Prepared by the Wurster Process. Chem. Pharm. Bull., 39 (1), 164-169 (1991).

1990

88. Ikue Kaneko, Yoshinobu Fukumori, Tomoaki Fukuda, Yoshikazu Takeuchi. Relation of Disposition kinetics to Pharmacological Effect of Intraveneous Administration of Chlorzoxazone in Rats. J. Pharmacobio-Dyn., 13, 367-373 (1990).

1989-

89. Yoshikazu Takeuchi, Yumiko Yamaoka, Yasuko Morimoto, Ikue Kaneko, Yoshinobu Fukumori, Tomoaki Fukuda. Stabilizing Effects of Some Amino Acids on Membranes of Rabbit Erythrocytes Perturbed by Chlorpromazine. J. Pharm. Sci., 78 (1), 3-7 (1989).
90. Ikue Kaneko, Yoshinobu Fukumori, Tomoaki Fukuda, Yoshikazu Takeuchi. Influence of Alpha-Chloralose on Muscle Relaxant Effect of Chlorzoxazone in Rats and Pharmcodynamic Analysis. J. Pharmacobio- Dyn., 12, 441-447 (1989).
91. Yasuko Morimoto, Kazuyuki Kotani, Mitsuhiro Watanabe, Yoshinobu Fukumori, Tomoaki Fukuda, Yoshikazu Takeuchi. Effects of Neutral Amino Acids on Membrane Affinity of Chlorpromazine. YAKUZAIGAKU, 49 (3), 215-220 (1989).

1988

92. Ikue Kaneko, Yoshinobu Fukumori, Tomoaki Fukuda, Yoshikazu Takeuchi. Pharmacodynamics of Chlorzoxazone in Rats. J. Pharm. Sci., 77 (5), 383-386 (1988).
93. Yoshinobu Fukumori, Yumiko Yamaoka, Hideki Ichikawa, Yoshikazu Takeuchi, Tomoaki Fukuda, Yoshifumi Osako. Coating of Pharmaceutical Powders by Fluidized Bed Process. IV. Softening Temperature of Acrylic Copolymers and Its Relation to Film-Formation in Aqueous Coating. Chem. Pharm. Bull., 36 (12), 4927-4932 (1988).
94. Yoshinobu Fukumori, Yumiko Yamaoka, Hideki Ichikawa, Yoshikazu Takeuchi, Tomoaki Fukuda, Yoshifumi Osako. Coating of Pharmaceutical Powders by Fluidized Bed Process. III. Aqueous Coating with Ethyl Acrylate-Methyl Methacrylate-2-Hydroxyethyl Methacrylate Copolymer and the Dissolution Properties of the Products. Chem. Pharm. Bull., 36 (8), 3070-3078 (1988).
95. Yoshinobu Fukumori, Yumiko Yamaoka, Hideki Ichikawa, Tomoaki Fukuda, Yoshikazu Takeuchi, Yoshifumi Osako. Coating of Pharmaceutical Powders by Fluidized Bed Process. II. Microcapsules Produced by Layering of Fine Powder on Coarse Particles and Subsequent Aqueous Enteric Coating. Chem. Pharm. Bull., 36 (4), 1491-1501 (1988).

1987

96. Yoshinobu Fukumori, Tomoaki Fukuda, Yoshinobu Hanyu, Yoshikazu Takeuchi, Yoshifumi Osako. Coating of Pharmaceutical Powders by Fluidized Bed Process. I. Aqueous Enteric Coating with Methacrylic Acid-Ethylacrylate Copolymer and the Dissolution Behavior of Products. Chem. Pharm. Bull., 35 (7), 2949-2957 (1987).

1986

1985

1984

97. 西山利夫，山岡由美子，福森義信，永尾昇子，福田友昭，浜　尭夫，川崎近太郎. セファレキシンを例とした薬物体内動態のデータベースシステム. 薬剤学, 44 (1), 7-15 (1984).

1983

98. Yoshinobu Fukumori, Tomoaki Fukuda, Yuko Yamamoto, Tasue Shigitani, Yoshinobu Hanyu, Yoshikazu

Takeuchi, Nobuyasu Sato. Physical Characterization of Erythromycin Dihydrate, Anhydrate and Amorphous Solid and Their Dissolution Properties. Chem. Pharm. Bull., 31 (11), 4029-4039 (1983).
99. 西山利夫，福森義信，山岡由美子，福田友昭，佐藤信保，浜　尭夫，川崎近太郎. データベース言語による医薬品運命のデータベースシステムの設計. 薬剤学，43 (2), 87-106 (1983).
1982
1981
100. 福田友昭，福森義信，池田照子，木下田鶴，谷口朱実，服部順一. 細粒と粉末の混合に関する研究（第 2 報）細粒と微粉砕粉末の混合状態. 薬学雑誌, 101 (3), 239-246 (1981).
1980
101. 福田友昭，竹内由和，破入洋誠，山下美保，金子郁枝，田平久味子，福森義信. 家兎におけるメチルドパの直腸吸収と基剤の関係. 薬剤学, 40 (3), 167-174 (1980).
102. 福田友昭，福森義信，池田照子，木下田鶴，谷口朱実，服部順一. 細粒と粉末の混合に関する研究（第 1 報）混合性改善の試み. 薬学雑誌, 100 (5), 560-564 (1980).
103. Tomoaki Fukuda, Yoshinobu Fukumori, Shinji Wada, Yoshinobu Hanyu. Internal Friction of Compressed Pharmaceutical Powders observed in Terms of the Die Wall Pressure. Chem. Pharm. Bull., 28(2), 393 400 (1980).
1079
104. 岡田寿太郎，福森義信，平井淑子，山根洋子. 塩化カリウム錠剤杵接触面における垂直圧力分布の測定. 薬学雑誌, 99 (6), 570-575 (1979).
1978
1977
105. Yoshinobu Fukumori, Jutaro Okada. Analysis of the Stress and Strain Distributions in the Compressed Powder in the Limiting Equilibrium States Specified by the Mohr Criterion.　Theory and Measurements of Mechanical Properties. Chem. Pharm. Bull., 25 (7), 1610-1635 (1977).
1976
1975
106. Jutaro Okada, Yoshinobu Fukumori. Compaction of Powders. III. Comparison of Compaction Behaviors among Various Powders. Chem. Pharm. Bull.. 23 (2), 326-332 (1975).
1974
107. 岡田寿太郎，福森義信. 粉体の圧縮成形に関する研究（第 2 報）塩化カリウム粉体の臼圧縮における下杵への圧力伝達. 薬学雑誌, 94 (3), 285-292 (1974).
108. Jutaro Okada, Yoshinobu Fukumori. Compaction of Powders. I. Compression under the Constant Upper Punch Pressure and Behavior of Particle Filling in Void. Chem. Pharm. Bull., 22 (3), 493-499 (1974)
1973
1972
1971
109. 岡田寿太郎，松田芳久，福森義信. 遠心法による薬剤粉末の付着力測定（第 2 報）下地表面の状態と分離―残留率曲線の関連性. 薬学雑誌, 91 (11), 1207-1210 (1971).
1970
110. 岡田寿太郎，穂積啓一郎，松田芳久，福森義信. 薬剤粉末の混合に関する研究（第 3 報）凝集性粉体の V 型混合機内での挙動. 薬学雑誌, 90 (12), 1532-1537 (1970)
1969
111. 岡田寿太郎, 松田芳久, 福森義信. 遠心法による薬剤粉末の付着力測定（第 1 報）. 薬学雑誌, 89 (11), 1539-1544 (1969).

b) 著書・総説・その他

2014

1. 福森義信 (2014) 巻頭言：もう一つのナノテクノロジー. 薬剤学、74(5), 293

2. 福森義信 (2014) 特集：製剤と粒子設計の発展―製剤の変遷. 粉体技術、6(3), 256-261.

2012

3. 福森義信 (2012) 医薬品と粉砕技術. 粉砕, 55, 1-2

4. 市川秀喜、福森義信 (2012) スプレーコーティング時の粒子凝集と成膜過程. 医薬品製剤開発のための次世代微粒子コーティング技術（市川秀喜・監）、シーエムシー出版、pp. 8―18.

2011

5. Keiko Hojo, Asaki Hara, Hiyoyuki Kitai, Mare Onishi, Hideki Ichikawa, Yoshinobu Fukumori, Koichi Kawasaki. Development of a method for environmentally friendly chemical peptide synthesis in water using water-dispersible amino acid nanoparticles. Chem. Cetral J., 5, 49-58 (2011).

2009

6. Hideki Ichikawa, Masaaki Kadota, Yoshifumi Osako [a)], Yoshinobu Fukumori (市川秀喜，門田昌明，大迫義文 [a)]，福森義信，2009) Spray-Coating of Pharmaceutical Fine Particles by Miniature Spouted-Bed Process. 9th International Symposium on Agglomeration & 4th International Granulation Workshop, Sheffield, UK, June 22-26, 2009. a)不二パウダル.

7. Hideki Ichikawa, Mariko Morinaga, Hiroya Abe[a)], Makio Naito[a)], Yoshinobu Fukumori (市川秀喜，森永まり子，阿部浩也 [a)]，内藤牧男 [a)]，福森義信，2009) Non-crosslinked chitosan nanoparticles as a novel biodegradable coating agent for prolonged-release microencapsulation of protein drugs by spouted-bed spray-coating. 9th International Symposium on Agglomeration & 4th International Granulation Workshop, Sheffield, UK, June 22-26, 2009. a)大阪大学接合科学研究所.

8. Hideki Ichikawa, Masaru Takada, Yoshinobu Fukumori (市川秀喜，高田 勝，福森義信，2009) Nanosuspension Spray-Coating System for Improving Dissolution Properties of a Poorly Water-Soluble Drug. 9th International Symposium on Agglomeration & 4th International Granulation Workshop, Sheffield, UK, June 22-26, 2009.

9. Mariko Morinaga, Hideki Ichikawa, Hiroya Abe [a)], Kazuyoshi Sato [a)], Makio Naito [a)], Hiroyuki Hirano, Yoshinobu Fukumori (森永まり子，市川秀喜，阿部浩也，佐藤和好，内藤牧男，平野裕之，福森義信，2009) Microencapsulation of protein-loaded biocompatible cores with non-covalently cross-linked chitosan for subcutaneous delivery of protein drugs. The 4th Asian Particle Technology Symposium, New Delhi, India, September 14-16, 2009. a)大阪大学接合科学研究所.

10. Yoshinobu Fukumori（福森義信，2009) Biodistribution of Chemical and Particulate Atom-Carriersin Neutron-Capture Therapy of Cancer. The 4th Asian Particle Technology Symposium, New Delhi, India, September 14-16, 2009.

11. Hideki Ichikawa, Masahiro Arimoto, Yoshinobu Fukumori (市川秀喜, 有本昌弘, 福森義信, 2009) Orally Administatable Insulin-Microcapsules Prepared by Air Suspension Spray-Coating Process. 17th International Symposium on Microencapsulation, Nagoya, September 29-Ocotober 1, 2009.

12. He Haibing, Hideki Ichikawa, Xing Tang, Fude Cui, Yoshinobu Fukumori (何 泳海，市川秀喜，Xing Tang，崔 福徳 [a)]，福森義信，2009) Dry Particle Coating Process Using Twin-screw Continuous Kneader for Producing Prolonged-release Microparticles of Diclofenac Sodium. 17th International Symposium on Microencapsulation, Nagoya, September 29-Ocotober 1, 2009. a)瀋陽薬科大学.

13. 市川秀喜（2009）第 11 章・ナノ粒子コーティングによる微粒子表面への機能層の形成．ナノ・マイクロ粒子の表面改質による機能化技術と応用（角田光雄・監修），シーエムシー出版，2009, pp.180-193.

14. 福森義信（2009）ナノテクノロジーって何ナノ？．薬学図書館，54(1), 2－8 (2009).

15. 福森義信，市川秀喜: がん中性子捕捉療法におけるナノ粒子を用いた増感原子のデリバリー．ナノバイオテクノロジー―新しいマテリアル、プロセスとデバイス―，シーエムシー出版，2003, pp. 305－314.

2008

16. Hideki Ichikawa, Emi Taniguchi, Takuya Fujimoto [a)], Yoshinobu Fukumori : Biodistribution of BPA and BSH after single, repeated and simultaneous administrations for Neutron-Capture Therapy of Cancer. Proceedings of 13th International Congress on Neutron Capture Therapy, Ed. By A. Zonta, S. Altieri, L. Roveda, R. Barth, 2008, pp. 187-190. a）兵庫県立がんセンター整形外科.

17. Hideki Ichikawa, Emi Taniguchi, Takuya Fujimoto[a)], Yoshinobu Fukumori : Delivery of BPA using Nanosuspension Formulations for Neutron-Capture Therapy of Cancer. Proceedings of 13th International

Congress on Neutron Capture Therapy, Ed. By A. Zonta, S. Altieri, L. Roveda, R. Barth, 2008, pp. 191-194. a）兵庫県立がんセンター整形外科.

18. Hideki Ichikawa, Chika Kanai, Takuya Fujimoto[a)], Hirofumi Kondoh[b)], Parvesh Sharma[c)], Scott C. Brown[c)], Brij M. Moudgil[c)], Yoshinobu Fukumori : Effect of Surface Modification on Characteristics of Gadolinium-Loaded Chitosan Nanoparticles for Neutron Capture Therapy of Cancer. Proceedings of 13th International Congress on Neutron Capture Therapy, Ed. By A. Zonta, S. Altieri, L. Roveda, R. Barth, 2008, pp. 198-201. a）兵庫県立がんセンター整形外科，b)バイオリサーチ，c)フロリダ大学微粒子工学研究センター.

19. Fujimoto T.[a)], Ichikawa H., Akisue T.[b)], Kawamitu H.[c)], Hara H.[a)], Fujita I.[a)], Fujii M.[c)], Fukumori Y. and Kurosaka M.[b)] : The Accumulation of MRI Contrast Agents in Malignant Fibrous Histiocytoma for Gadolinium Neutron Capture Therapy. Proceedings of 13th International Congress on Neutron Capture Therapy, Ed. By A. Zonta, S. Altieri, L. Roveda, R. Barth, 2008, pp. 261-264. a）兵庫県立がんセンター整形外科，b）神戸大学医学部整形外科，c）神戸大学医学部放射線科.

20. 福森義信, 市川秀喜 : 生きた粉をつくる. 究極の粉を作る（内藤牧男・編著）, 日刊工業新聞社, 2008, pp.156-170.

21. 福森義信 : 粉体工学叢書５　粉体粒子の組織制御による機能付加（粉体工学会・編）、日刊工業新聞社,　2008, pp. 111-139, pp. 179-193.

22. 福森義信：明日にかける. *製剤機械技術研究会誌*, 17(2), 194-196 (2008).

2007

23. Hideki Ichikawa, Yasushi Tanikawa, Toshiaki Yoneda, Yoshinobu Fukumori : Thermosensitive On-off Drug-release from Microcapsules with Composite Membrane of Ethylcellulose and Hydroxypropyl Cellulose. Proceedings of the 3rd Asian Particle Technology Symposium (APT2007), Vol.1, 2007, pp. 541-544. a.日本曹達.

24. Parvesh Sharma[a], Scott C. Brown[a], Glenn Walter[a], Swadeshmukul Santra[a], Edward Scott[a], Hideki Ichikawa, Yoshinobu Fukurmori and Brij M. Moudgil[a] : Gadolinium Nanoparticulates: from Magnetic Resonance Imaging to Neutron Capture Therapy.　Adv. Powder Tech., 18(6), 663-698 (2007). a.フロリダ大学.

25. Hideki Ichikawa, Masahiro Yamaguchi, Munetaka Kunishima, Yoshinobu Fukumori : Development of intravenously injectable gadolinium-loaded chitosan nanoparticles for neutron-capture therapy of cancer: control of Gd-release and dispersibility by lecithin coating. Proceedings of the 3rd Asian Particle Technology Symposium (APT2007), Vol.2, 2007, pp. 883-887.

26. Hui Xu[a,*], Hiroya Abe[a], Makio Naito[a], Yoshinobu Fukumori, Hideki Ichikawa, Shigehisa Endoh[b] : Evaluation of dispersants for dispersing/solubilizing purified HiPco SWNTs in aqueous medium via vis-NIR specrtophotometry method. Proceedings of the 3rd Asian Particle Technology Symposium (APT2007), Vol.2, 2007, pp. 904-911.a. 大阪大学接合科学研究所，b. 産業科学総合研究所.

27. Ichikawa H. (2007) Design of Nanoparticles for Oral Delivery of Peptide Drugs. Nanoparticle Technology Handbook, Nikkan-Kogyo Shinbun, pp.442-450.

28. Fukumori, Y. (2007) Structure Construction and Function Adaptation of Nanoparticles. Nanoparticle Technology Handbook, Nikkan-Kogyo Shinbun, pp.51-55.

29. 市川秀喜，福森義信：ナノハイドロゲルを利用したペプチドの特殊放出制御型マイクロカプセルの設計. 薬学雑誌, 127(5), 813-823 (2007).

30. Fukumori Y., Takeuchi Y., Takada K. Nanoporous and Nanosize Materials for Drug Delivery Systems. Nanotechnologies for the Life Sciences Volume 10, Nanomaterials for Medical Diagnosis and Therapy, (Ed. by Challa Kumar), Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2007, pp.255－309

31. 市川秀喜，福森義信. 医用応用：マイクロカプセルの DDS への応用. 化学工学, 71(2), 131-134 (2007).

32. 市川秀喜，福森義信（2007）乾式粉体コーティングによるマイクロカプセル化. 薬剤学，67(5), 288-296 (2007).

33. 福森義信（2007）ナノ粒子の医薬品製剤への応用. 粉体と工業，39(5), 47-53 (2007).

34. 福森義信（2007）ナノ微粒子技術を用いた放出制御製剤の開発. ファルマシア，43 (12)，1179-1181 (2007).

35. 植村俊信，澤口一男、武谷智章、小池幸夫、小林利安、市川秀喜、福森義信、水島　裕. ナシ地表面を有する新規な MH 処理杵の耐スティキング特性. *製剤機械技術研究会誌*, 16(1), 14-20 (2007).

2006

36. Ichikawa, H., Fukumori, Y.（市川秀喜，福森義信，2006）Design and formation of composite particles.

Powder Technology Handbook, Third Editions, Tayler & Francis, Florida, USA, 2006, pp. 435－447.

37. Fukumori, Y., Ichikawa, H.（福森義信，市川秀喜，2006）Nanoparticles for cancer therapy and diagnosis. Adv. Powder Technol., 17, 1－28.

38. Ichikawa, H., Fukumori, Y.（市川秀喜，福森義信，2006）Thermoresponsive nanostructured microcapsules – Manufacture and applications. MML Series, Volume 8, Smart Nanoparticles in Nanomedicine, Kentus Books, UK, 2006, pp. 127－158.

39. Ichikawa, H., Tokumitsu, H., Miyamoto, M., Fukumori, Y.（市川秀喜，徳満宏之，宮本雅仁，福森義信，2006）Nanoparticles for Neutron Capture Therapy of Cancer. Nanotechnologies for the Life Sciences Volume 6, Nanomaterials for Cancer Therapy (Ed. by Challa Kumar), Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, 2006, pp.87－121.

40. 福森義信，市川秀喜（2006）癌中性子捕捉療法における増感原子のデリバリー．ナノマテリアル体系・第 2 巻ナノ金属，フジ・テクノシステム，2006，pp.823－832.

41. Ichikawa, H., Fukumori, Y., Kamiya, H.（市川秀喜，福森義信，神谷秀博 [a]，2006）Functional Stimuli-Responsive Nanogel-Particles for Oral Peptide Delivery: Preparation, Drug-Release Behaviors and In Vitro Cellular Interaction. Proceedings of NSTI Nanotech 2006, Volume 2, ISBN 0-9767985-7-3，2006, pp.392－395．a．東京農工大学.

42. Kamiya, H., Yoshimura, M., Tsukada, M., Ichikawa, H., Fukumori, Y.（神谷秀博 [a]，吉村元靖 [a]，塚田まゆみ [a]，市川秀喜，福森義信，2006）Interaction between artificial mucin layer and stimuli-responsible nano-gel particles for the oral peptide delivery observed in simulated intestinal solutions by using colloid probe AFM method. Proceedings of NSTI Nanotech 2006, Volume 2, ISBN 0-9767985-7-3，2006，pp.404－407．a．東京農工大学.

43. 福森義信（2006）ナノ粒子の構造制御と機能化．ナノパーティクル・テクノロジー・ハンドブック，日刊工業新聞社，2006，pp.49－53.

44. 市川秀喜（2006）経口ペプチド送達のためのナノ粒子の設計．ナノパーティクル・テクノロジー・ハンドブック，日刊工業新聞社，2006，pp.418－424.

45. Nabeta, C., Ichikawa, H., Fukumori, Y.（鍋田千賀，市川秀喜，福森義信，2006）Biodistribution of nanoparticles of hydrophobic gadopentetic-acid derivative prepared with a planetary ball mill for neutron-capture therapy of cancer. Advances in Neutron Capture Therapy 2006, (Nakagawa, Y., Kobayashi, T., Fukuda, H., eds.), International Society for Neutron Capture Therapy, ISBN 4-9903242-0-X，2006，pp. 221－223.

46. Fukumori, Y., Ichikawa, H., Nakatani, Y., Yamaguchi, M., Morita, M., Hiratsuka, J., Kondoh, H., Niki, Y., Sakurai, Y., Kobayashi, T.（福森義信，市川秀喜，中谷有吾，山口真弘，森田倫正 [a]，平塚純一 [a]，近藤浩文 [b]，仁木洋子 [b]，櫻井良憲 [c]，古林　徹 [c]，2006）Gadolinium-loaded chitosan nanoparticles for neutron-capture therapy: pharmaceutical characteristics and in vitro antitumor effect. Advances in Neutron Capture Therapy 2006 (Nakagawa, Y., Kobayashi, T., Fukuda, H., eds.), International Society for Neutron Capture Therapy, ISBN 4-9903242-0-X, 2006，pp. 224－227．a．川崎医科大学，b．バイオリサーチ，c．京都大学原子炉実験所.

47. 市川秀喜, 福森義信 (2006) 高分子ナノパウダーを用いた医薬品微粒子の乾式コーティング. Pharm Tech Japan，22，119－124.

48. 市川秀喜，福森義信（2006）医薬品製剤におけるナノテクノロジーの展開．分離技術，36，359－364.

49. 藤本信司 [a]，植村俊信 [b]，福森義信（2006）二軸連続混練機による乾式コーティングの試み．粉体と工業，38 (8)，57－62．a．栗本鐵工所粉体システム技術部，b．ファーマポリテック.

50. 藤本信司 [a], 福森義信 (2006) 二軸連続混練機を用いた乾式プロセスコーティング. 化学機械, 12, 20－22．a．栗本鐵工所粉体システム技術部.

51. 福森義信（2006）ナノ構造制御による医薬用ミクロ粒子製造プロセスの実用化. 粉砕，50，3－10 2005

2005

52. 福森義信，市川秀喜: ナノ粒子コーティングによる放出制御製剤の設計．粉体工学会誌，42(8), 573-581（2005）.

53. 市川秀喜，福森義信: ハイドロゲルナノ粒子およびそのミクロ粒子へのアッセブリングを利用した DDS．月刊バイオインダストリー，22(4), 32-39 (2005).

54. Ryusuke Yoshikawa, Toshinobu Uemura, Hideki Ichikawa, Yoshinobu Fukumori: Composite particle formation of pharmaceuticals through dry-coating process using a high-speed elliptical-rotor type mixer.

Proceedings of 8th International Symposium on Agglomeration, Bangkok, Thailand, March 16-18, 2005, pp .335-338.

55. Satoshi Masui, Hideki Ichikawa, Yoshinobu Fukumroi: Development of non-covalently cross-linked chitosan nanoparticles and their coating performance in spouted bed spray-coating process. Proceedings of 8th International Symposium on Agglomeration, Bangkok, Thailand, March 16-18, 2005, pp .321-325.

56. Yoshinobu Fukumori, Hideki Ichikawa, Toshinobu Uemura, Kazuyoshi Sato, Hiroyuki Abe, Makio Naito: Process performance of dry powder coating for preparing controlled release microcapsules by a high speed mixer. Proceedings of 8th International Symposium on Agglomeration, Bangkok, Thailand, March 16-18, 2005, pp .31-38.

2004

57. 福森義信，市川秀喜: 医薬品のコーティング技術と流動層．混相流，18，214－222（2004）.

58. 福森義信，市川秀喜: ナノ粒子によるがんの治療と診断．粉体工学会誌，41，881－892（2004）.

59. 福森義信: 造粒、コーティング．エアロゾル用語集，日本エアロゾル学会編，京都大学学術出版会，2004，pp.198－199.

60. Yugo Nakatani, Hideki Ichikawa, Yoshinobu Fukumori: Development of gadolinium-loaded chitosan nanoparticles as i.v. injectable device for neutron capture therapy. Proceedings of ROC-Japan Joint Symposium on Particle Design, Nanotechnology and Drug Delivery, Taiwan, May 9-11, 2004, pp. 104-105.

61. Yoshinobu Fukumori: Pharmaceutical dosage form preparation by fine particle coating technology. Proceedings of ROC-Japan Joint Symposium on Particle Design, Nanotechnology and Drug Delivery, Taiwan, May 9-11, 2004, pp. 56-60.

2003

62. Yoshinobu Fukumori, Hideki Ichikawa: Fluid bed processes for forming functional particles. Encyclopedia of Pharmaceutical Technology, DOI:10.1081/E-EPT 120018218, Marcel Dekker, Inc., New York, 2003, pp. 1-7.

63. 福森義信，市川秀喜: がん中性子捕捉療法におけるナノ粒子を用いた増感原子のデリバリー．ナノバイオテクノロジーの最前線，シーエムシー出版，2003, pp. 315－324.

64. Hideki Ichikawa Masahiro Arimoto, Yoshinobu Fukumori. Design of Microcapsules with Hydrogel as a Membrane Component and Their Preparation by a Spouted Bed. Powder Technol., 130, 189-192, (2003).

65. 福森義信: ナノ複合粒子の製法．ナノパーティクル・テクノロジー，日刊工業新聞社，2003，pp. 39－46.

66. 福森義信，市川秀喜: 医療用機能性ミクロ・ナノ粒子設計．化学工学，67，678－681（2003）.

67. Yoshinobu Fukumori, Hideki Ichikawa, Dongchun Liu: Spouted bed coating of fine particles using aqueous dispersions of chitosan nanoparticles: construction of chitosan-anionic polymer complex membrane to control the release of proteins. Proceedings of 9th Fluidized Bed Symposium of Japan, Gifu, December 3-5, 2003, pp. 314-321.

68. Hideki Ichikawa, Masahiro Arimoto, Yoshinobu Fukumori: Preparation of peroral delayed-release microcapsules containing insulin by air suspension coating process. Proceedings of the 2nd Asian Particle Technology Symposium 2003, Vol. 1, Penang, Malaysia, December 17-19, 2003, pp. 269-276.

69. Seiji Haruna, Hideki Ichikawa, Yoshinobu Fukumori: Functional nanoparticles composed of thermo-sensitive hydrogel core and pH-sensitive polymer shell for oral peptide delivery. Proceedings of the 2nd Asian Particle Technology Symposium 2003, Vol. 1, Penang, Malaysia, December 17-19, 2003, pp. 277-284.

70. Yumi Kaneseki, Hideki Ichikawa, Yoshinobu Fukumori: Gadolinium-containing micellar nanoparticles for atom delivery in neutron capture therapy of cancer. Proceedings of the 2nd Asian Particle Technology Symposium 2003, Vol. 1, Penang, Malaysia, December 17-19, 2003, pp. 291-296.

2002

71. 福森義信，市川秀喜:癌の中性子捕捉療法における増感元素の体内動態制御． Drug Delivery System, 17 (4), 355-364（2002）.

72. 市川秀喜，福森義信：水素添加卵黄レシチンを利用した微粒子製剤の設計．製剤と機械，278, 9-10（2002）.

73. Ichikawa, H., Fukumori, Y. : Formulation Considerations of Gadolinium Lipid-Nanoemulsion for Intravenous Delivery to Tumor in Neutron-Capture Therapy, Research and Development in Neutron Capture Therapy, ed. by Sauerwein, W., Moss. R., Wittig, A, Monduzzi Editore, Italy, 2002, pp.797-801.

74. Fukumori, Y., Ichikawa, H., Arimoto, M.: Preparation of Pulsatile Release Microcapsules for Colon-Specific Peptide Delivery Using A Spouted Bed Coating Process. Proceedings of the 4th World Congress on Particle Technology, Sydney, 21-25 July, 2002.

75. Ichikawa, H., Yamasaki, Y., Fukumori, Y.: Design and Preparation of Thermosensitive Hydrogel Nanoparticles with pH-Sensitive Polymer Shells for Oral Peptide Delivery, Proceedings of the 4th World

Congress on Particle Technology, Sydney, 21-25 July, 2002.

76. Kaneseki, Y., Watanabe, T., Ichikawa, H., Fukumori, Y.: Gadolinium Loaded Lipid-Nanoparticles for Cancer Neutron Capture Therapy: Effect of Formulation Factors on Biodistribution In Vivo, Proceedings of the 4th World Congress on Particle Technology, Sydney, 21-25 July, 2002.

2001

77. 福森義信．マイクロカプセルによる機能設計．微粒子工学大系・第Ｉ巻・基本技術（柳田博明監修），フジ・テクノシステム，東京，2001, pp. 572-577.

78. Ichikawa, H., Yamasaki, Y., Fukumori, Y. Novel Composite Nanoparticles of Temperature-sensitive Hydrogels with pH-sensitive Polymeric Layer for Oral Drug Delivery. In New Trends in Polymers for Oral and Parental Administration from Design to Receptors, ed. By Barratt, G., Duchene, D., Fattal, F., Legendre, J. Y., Editions de Sante, Paris, 2001, pp. 257-260.

2000

79. Kaori Jono, Hideki Ichikawa, Masahito Miyamoto, Yoshinobu Fukumori. A Review of Particulate Design for Pharmaceutical Powders and Their Production by Spouted Bed Coating. Powder Technol., 113, 269-277 (2000).

80. Yoshinobu Fukumori, Hideki Ichikawa, Hiroyuki Tokumitsu, Futoshi Shikata, Masahito Miyamoto, Tetsuya Watanabe. Nano-Particulate Design and Preparation for Targeting and Controlled Release of Drugs. Processing Materials for Properties, TMS Publications, 2000, pp. 453-458.

81. 市川秀喜，福森義信．医薬品製剤における微粒子カプセル化技術，“微粒子・粉体の最先端技術，”川口春馬・監修，シーエムシー, 2000, pp.174-184.

82. Hiroyuki Tokumitsu, Hideki Ichikawa, Tapan Kumar Saha, Yoshinobu Fukumori, Lawrence H. Block. Design and Preparation of Gadolinium-Loaded Chitosan Particles for Cancer Neutron Therapy. S. T. P. Pharma Sci., 10 (1), 39-49 (2000).

83. 市川秀喜，福森義信．スマートマテリアルを利用したマイクロカプセル型温度応答性薬物放出システムの開発 I．製剤と機械，260, 3-5 (2000).

84. 市川秀喜，福森義信．スマートマテリアルを利用したマイクロカプセル型温度応答性薬物放出システムの開発 II．製剤と機械，262, 11-12, (2000).

85. 福森義信，市川秀喜，徳満宏之，宮本雅仁． がん治療のための微粒子の設計と調製− 中性子捕捉療法を例として− ．粉体と工業, 32 (11), 27-36 (2000).

86. 宮本雅仁，市川秀喜，福森義信．中性子捕捉療法用ガドリニウム含有エマルション製剤調製とそのハムスター腹腔内投与後の体内動態．Pharm Tech Japan, 16 (2), 253-262 (2000).

1999

87. 福森義信．流動層による造粒およびコーティング，“流動層ハンドブック，”日本粉体工業技術協会編，培風館, 1999, pp.224-237.

88. 福森義信．粒子加工− コーティング，“粒子設計工学ー新しい機能性粉体・製剤開発のキーテクノロジー，”粉体工学会編，産業図書, 1999, pp.128-149.

89. 福森義信．粉粒体を扱う単位操作− 表面改質・コーティング，“粉体工学便覧− 第２版− ，”粉体工学会編，日刊工業新聞，1998, pp.374-377.

90. 宮本雅仁，福森義信．粒子径と表面特性による微粒子の体内動態制御を利用したがん治療．化学工学，63 (10), 567-572, (1999).

91. 大迫義文，黒田隆司，藤本哲磨，市川秀喜，情野 香，福森義信．三筒付噴流層の粒子挙動に影響する要因．Pharm Tech Japan，15 (3), 431-437 (1999).

92. Horoyuki Tokumitsu, Jyunichi Hiratsuka, Yoshinori Sakurai, Futoshi Shikata, Hideki Ichikawa, Yoshinobu Fukumori, Tooru Kobayashi. Gadolinium Neutron-Capture Therapy Trial Using Gadopentetic Acid-Chitosan Complex Nanoparticles: Effect of Gadolinium Dose on Tumor Growth Suppression In Vivo. Kyoto University Research Reactor Progress Report 1998, Section I, 1999, p.179.

1998

93. 市川秀喜，福森義信．気中懸濁被覆法による医薬品のマイクロカプセル化．ケミカル・エンジニヤリング, 43 (11), 22-28 (1998).

94. Tokumitsu Hiroyuki, Junichi Hiratsuka, Hideki Ichikawa, Yoshinobu Fukumori, Yoshinori Sakurai and Tooru Kobayashi. In Vivo Suppression of Tumor Growth by Gadolinium-Neutron Capture Therapy Using Novel Gadopentetate-Loaded Chitosan Nanoparticles. Kyoto University Research Reactor Progress Report 1997, Section I, p 166, 1998.

95. Tokumitsu Hiroyuki, Hideki Ichikawa, Yoshinobu Fukumori, Junichi Hiratsuka, Yoshinori Sakurai and Tooru Kobayashi. Preparation of Gadopentetate-Loaded Chitosan Nanoparticle for Gadolinium Neutron Capture Therapy of Cancer Using a Novel Emulsion Droplet Coalescence Technique, Proceedings of The 2nd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology, Paris, 641-642

(1998).

96. 福森義信. 流動層プロセスを用いた医薬品のマイクロカプセル化. 日刊工業新聞 6 月 22 日, 1998.

1997

97. 福森義信, 市川秀喜: 流動層プロセスを用いた医薬品のマイクロカプセル化− 装置, 材料と粒子設計− , 粉体工学会誌, 34 (7), 50-58 (1997).

98. Hideki Ichikawa, Yoshinobu Fukumori. New Applications of Acrylic Polymers for Thermosensitive Drug Release, S. T. P. Pharma Sciences, 7 (6), 529-545 (1997).

99. 情野 香, 福森義信. 短時間遅延放出・消失型レシチン膜マイクロカプセルの開発. II, 製剤と機械, 216, 4-6 (1997).

1996

100. 秋根康之, 黒田玲子, 中川義信, 古林 徹, 織田祥, 三島 豊, 山本義則, 福森義信. 物理的増感作用を利用した新しい放射線治療に関する研究, ”厚生省がん研究助成金による研究報告集-平成７年度,”国立がんセンター, 1996, pp.631-634.

101. 福森義信, 現代の薬師, 粒子加工技術, 粉体と工業, 28, 63-65 (1996).

102. Yoshinobu Fukumori, Hideki Ichikawa. Spouted-Bed Coating of Fine Pharmaceutical Powders with Composite Latices for Preparation of Controlled Release Systems, Proceedings of the '96 China-Japan Symposium on Particuology, The Soc. Powder Technol., Japan, Beijing, 1996, pp.400-405.

103. 情野 香, 福森義信. 短時間遅延放出・消失型レシチン膜マイクロカプセルの開発. I. 製剤と機械, 215, 13-14 (1996).

104. Yoshinobu Fukumori, Hideki Ichikawa. Spouted-Bed Coating of Fine Pharmaceutical Powders with Composite Latices for Preparation of Controlled Release Systems. Proceedings of the '96 China-Japan Symposium on Particuology, The Soc. Powder Technol., Japan, Beijin, 400-405 (1996).

1995

105. 秋根康之, 川島勝弘, 織田祥史, 福森義信, 黒田玲子, 古林 徹. 物理的増感作用を利用する新しい放射線治療法の開発, ”厚生省がん研究助成金による研究報告集-平成５年度,”国立がんセンター, 1995, pp.609-612.

106. 福森義信. 水系分散剤コーティングによる徐放性微粒子の調製と評価, 化学工学, 59, 174-177 (1995).

107. 森本敦子, 中村健治, 村田佳津子, 小橋智司, 甲田洋一, 羽室雅夫, 林 正昇, 井上剛志, 松尾良一, 西尾 博, 神納敏夫, 椿本光男, 高島澄夫, 中塚春樹, 水口和夫, 小野山靖人, 福森義信. 抗癌剤封入消失型マイクロカプセルの開発 − 実験腫瘍を用いた抗腫瘍効果の検討− , 日本医学放射線学会雑誌, 55, S217 (1995).

1994

108. Yoshinobu Fukumori. Coating of Multiparticulates Using Polymeric Dispersions, "Multiparticulate Oral Drug Delivery," ed. by I. Ghebre-Sellassie,, Marcel Dekker, New York, 1994, pp.79-111.

109. 秋根康之, 川島勝弘, 織田祥史, 福森義信, 黒田玲子, 古林 徹. 物理的増感作用を利用する新しい放射線治療法の開発,”厚生省がん研究助成金による研究報告集-平成４年度,”国立がんセンター, 1994, pp.365-368.

110. 市川秀喜, 福森義信. 噴流層による医薬品粉体の微細造粒コーティング, ケミカルエンジニアリング, 39, 900-908 (1994).

111. 森本敦子, 中村健治, 村田佳津子, 池田裕子, 林 正昇, 豊島正実, 松尾良一, 西尾 博, 神納敏夫, 椿本光男, 高島澄夫, 中塚春樹, 水口和夫, 小野山靖人, 福森義信. 抗癌剤封入消失型マイクロカプセルの開発 − 実験腫瘍を用いた抗腫瘍効果の検討− , 日本医学放射線学会雑誌, 54, S126 (1994).

112. 森本敦子, 中村健治, 村田佳津子, 林 正昇, 樋上泰造, 松尾良一, 西尾 博, 椿本光男, 神納敏夫, 高島澄夫, 中塚春樹, 水口和夫, 小野山靖人, 市川秀喜, 福森義信. 抗癌剤封入消失型マイクロカプセルの開発 − 実験腫瘍を用いた抗腫瘍効果の検討− , 日本癌治療学会誌, 29, 1182 (1994).

1993

113. 福森義信, 市川秀喜. 水系分散剤による微粒子のフィルムコーティング, “粒子設計と製剤技術”, 川島嘉明編, 薬業時報社, 東京, 1993, pp.47-52.

114. Yasuyuki Akine, Nobuhiko Tokita, Koichi Tokuuye, Michinao Satoh, Minako Sumi, Yoshinobu Fukumori, Tooru Kobayashi, Keiji Kanda. Gadolinium Neutron Capture Therapy: Growth Suppression of Ehrlich Ascites and Subcutaneously-Implanted Tumor Cells in Mice. Advences in Neutron Capture Therapy, ed. By A. H. Soloway et al., Plenum Press, New York, 1993, pp. 241-243.

115. 福森義信．微粒子の湿式スプレーコーティング, PHARM TECH JAPAN, 9, 763-769 (1993).
116. 福森義信．噴流層での湿式造粒とコーティングによる医薬品製剤の機能化，粉体と工業，25, 27-33 (1993).
117. 福森義信．製剤における新技術の実用化，粉体と工業，25, 76-79 (1993).
118. 森本敦子，中村健治，村田佳津子，椿本光男，高田佳江，松尾良一，西尾　博，高島澄夫，中塚春樹，水口和夫，小野山靖人，福森義信．抗癌剤封入消失型マイクロカプセルの開発 － 抗腫瘍効果に関する実験的検討－，日本医学放射線学会雑誌，53, S357 (1993).
119. 森本敦子，中村健治，村田佳津子，林　正昇，豊島正実，松尾良一，西尾　博，椿本光男，高島澄夫，中塚春樹，水口和夫，小野山靖人，福森義信．抗癌剤封入消失型マイクロカプセルの開発 － 実験腫瘍を用いた抗腫瘍効果に関する検討－，日本癌治療学会誌，28, 1444 (1993).
120. Yoshinobu Fukumori. Agglomeration and Coating of Fine Particles by Bottom-Sprayed Spouted Bed Process and Their Applications to Controlled Release Systems, Proceedings of Sixth International Symposium on Agglomeration, Nagoya, The Soc. Powder Technol., Japan, 1993, pp.680-686.

1992

121. 村田佳津子，中村健治，樋上泰造，森本敦子，椿本光男，高島澄夫，中塚春樹，水口和夫，小野山靖人，金森隆一，福森義信．抗癌剤封入消失型マイクロカプセルの開発とその基礎的検討，日本医学放射線学会雑誌，52, S253 (1992).
122. 福森義信. ドラッグデリバリーシステムのための粒子設計技術，日刊工業新聞, 1992 年 5 月 18 日，p.30.
123. Yoshinobu Fukumori, Hideki Ichikawa, Shuji Kaneko. Coating of Fine Particles with Aqueous Composite Latices by Means of Spouted Bed, ”化学工学シンポジウムシリーズ２９－ 粉体材料の流動層プロセシング, ”化学工学会, 1992, pp.52-58.

1991

1990

124. 大迫義文，福森義信．ワースター流動層造粒における粒度分布に及ぼす操作条件の影響．PHARM TECH JAPAN, 6, 85 (1990).
125. 福森義信．アクリル系高分子による水系コーティング．PHARM TECH JAPAN, 4, 295 (1990).

1989-

126. 福田友昭，大迫義文，竹内由和，福森義信，破入洋誠，柴原由佳，山元悦子, Carrier-coating 法の細粒剤への応用．製薬工場, 4 (11), 904-906 (1985)
127. 福田友昭，福森義信，竹内由和．細粒と粉末の混合―混合性におよぼす粉末粒子径と付着力の効果．粉体工学会誌, 18 (12), 926-931 (1981).
128. 福森義信．医薬品粉末の圧縮成形に関する研究．粉体工学会誌, 16 (7), 416-419 (1979).
129. 福森義信，福田友昭．医薬品粉粒体の圧縮成形に関する粉体力学的研究．粉体工学，16(5)，283-284 (1979).

c) 特許

1. 福森義信，清水敏文（2002）マイクロカプセル．特許第 3343144 号，2002 年 8 月 23 日．
2. 福森義信，市川秀喜，金子周二，福田友昭，大迫義文 a（2003）マイクロカプセルの被膜材料．特許第 3405756 号，2003 年 5 月 12 日．a．不二パウダル．
3. 平田健二 a，福嶋茂徳 a，福森義信，竹内由和，福田友昭（2003）徐放性細粒剤およびその製造方法．特許第 3412899 号，2003 年 6 月 3 日．a．共和薬品工業．
4. 福森義信, 市川秀喜, N.ヴェンカテサン（2004）キトサンナノ粒子とその製造方法. 特開 2004-2511, 2004 年 1 月 8 日．
5. 福森義信，植村俊信，市川秀喜，星　登（2005）コーティング用粉末，その製造方法及び該コーティング用粉末含有製剤．特願 2005－016789，2005 年 1 月 25 日．
6. 福森義信，市川秀喜，舛井　聡，中谷有吾，星　登（2005）キトサンナノ粒子の製造方法，キトサン粒子，コーティング用組成物，徐放性製剤，注射剤．特願 2005－059578，2005 年 3 月 3 日．
7. 藤本信司，植村俊信，金子貫太郎，福森義信（2005）核粒子及び乾式バインダーを含有する原料を二軸混練機にて混練することを特徴とする乾式バインダー粒子の製造方法. 特願 2005－301953, 2005 年 10 月 17 日．
8. 菅原（北條）恵子，市川秀喜，福森義信，川崎紘一，金子貫太郎，吉川隆輔（2006）ペプチド合成方法及び該方法に使用可能な水性分散液．特願 2006－232837，2006 年 8 月 29 日．