

1. Fukumitsu N, Suzuki M, Fukuda T, Kiyono Y, Kajiyama S, Saji H : Reduced  $^{125}\text{I}$ -meta-iodobenzylguanidine uptake and norepinephrine transporter density in the hearts of mice with MPTP-induced parkinsonism. Nuclear Medicine and Biology. 33(1), 37-42, 2006, 1.
2. Furukawa T, Lohith TG, Takamatsu S, Mori T, Tanaka T, Fujibayashi Y : Potential of the FES-hERL PET reporter gene system - Basic evaluation for gene therapy monitoring. Nuclear Medicine and Biology. 33(1), 145-151, 2006, 1.
3. Kawai H, Toyohara J, Kado H, Nakagawa T, Takamatsu S, Furukawa T, Yonekura Y, Kubota T, Fujibayashi Y : Acquisition of resistance to antitumor alkylating agent ACNU: a possible target of positron emission tomography monitoring. Nuclear Medicine and Biology. 33(1), 29-35, 2006, 1.
4. Kuge Y, Katada Y, Shimonaka S, Temma T, Kimura H, Kiyono Y, Yokota C, Minematsu K, Seki K, Tamaki N, Ohkura K, Saji H : Synthesis and evaluation of radioiodinated cyclooxygenase-2 inhibitors as potential SPECT tracers for cyclooxygenase-2 expression. Nuclear Medicine and Biology. 33(1), 21-27, 2006, 1.
5. Kumada T, Okazawa H, Yamauchi H, Kitoh T, Ito M : Focal glucose hypermetabolism in interictal state of west syndrome. Pediatric Neurology. 34(1), 47-50, 2006, 1.
6. Okazawa H, Tsuchida T, Pagani M, Mori T, Kobayashi M, Tanaka F, Yonekura Y : Effects of 5-HT<sub>1B/1D</sub> receptor agonist rizatriptan on cerebral blood flow and blood volume in normal circulation. Journal of Cerebral Blood Flow & Metabolism. 26(1), 92-98, 2006, 1.
7. Sun LQ, Mori T, Dence CS, Ponde DE, Welch MJ, Furukawa T, Yonekura Y, Fujibayashi Y : New approach to fully automated synthesis of sodium [ $^{18}\text{F}$ ]fluoroacetate - a simple and fast method using a commercial synthesizer. Nuclear Medicine and Biology. 33(1), 153-158, 2006, 1.
8. Kansaku K, Johnson A, Grillon ML, Garraux G, Sadato N, Hallett M : Neural correlates of counting of sequential sensory and motor events in the human brain. Neuroimage. 31(2), 649-660, 2006, 1.
9. Mori T, Kasamatsu S, Mosdzianowski C, Welch MJ, Yonekura Y, Fujibayashi Y : Automatic synthesis of 16 $\alpha$ -[ $^{18}\text{F}$ ] fluoro-17 $\beta$ -estradiol using a cassette-type [ $^{18}\text{F}$ ] fluorodeoxyglucose synthesizer. Nuclear Medicine and Biology. 33(2), 281-286, 2006, 2.
10. Tanaka M, Sadato N, Okada T, Mizuno K, Sasabe T, Tanabe HC, Saito DN, Onoe H, Kuratsune H, Watanabe Y : Reduced responsiveness is an essential feature of chronic fatigue syndrome: a fMRI study. BMC Neurology. 6, 9, 2006, 2.

11. Cui Z-G, Kondo T, Matsumoto H : Enhancement of apoptosis by nitric oxide released from  $\alpha$ -phenyl-tert-butyl nitron under hyperthermic conditions. *Journal of Cellular Physiology*. 206(2), 468-476, 2006, 2.
12. Iidaka T, Matsumoto A, Haneda K, Okada T, Sadato N : Hemodynamic and electrophysiological relationship involved in human face processing: evidence from a combined fMRI-ERP study. *Brain and Cognition*. 60(2), 176-186, 2006, 3.
13. 高村徳人, 徳永 仁, 緒方賢治, 古屋弓子, 本屋敏郎, 松岡俊和, 平井正巳, 西尾豊隆, 川井恵一, 有森和彦 : 尿毒症物質の血清蛋白結合の特性に関する研究. *九州保健福祉大学紀要*. 7, 211-215, 2006, 3.
14. Omata N, Murata T, Takamatsu S, Maruoka N, Yonekura Y, Fujibayashi Y, Wada Y : Region-specific induction of hypoxic tolerance by expression of stress proteins and antioxidant enzymes. *Neurological Sciences*. 27(1), 74-77, 2006, 4.
15. Shikano N, Nakajima S, Kotani T, Itoh Y, Nishii R, Yoshimoto M, Flores II LG, Saji H, Ishikawa N, Kawai K : Detection of maleate-induced fanconi syndrome by decreasing accumulation of  $^{125}\text{I}$ -3-iodo- $\alpha$ -methyl-L-tyrosine in the proximal tubule segment-1 region of renal cortex in mice: a trial of separate evaluation of reabsorption. *Annals of Nuclear Medicine*. 20(3), 175-181, 2006, 4.
16. Iwao Y, Anraku M, Hiraike M, Kawai K, Nakajou K, Kai T, Suenaga A, Otagiri M : The structural and pharmacokinetic properties of oxidized human serum albumin, advanced oxidation protein products (AOPP). *Drug Metabolism and Pharmacokinetics*. 21(2), 140-146, 2006, 4.
17. Iwao Y, Anraku M, Yamasaki K, Kragh-Hansen U, Kawai K, Maruyama T, Otagiri M : Oxidation of Arg-410 promotes the elimination of human serum albumin. *Biochimica et Biophysica Acta*. 1764(4), 743-749, 2006, 4.
18. Matsushita S, Chuang VT, Kanazawa M, Tanase S, Kawai K, Maruyama T, Suenaga A, Otagiri M : Recombinant human serum albumin dimer has high blood circulation activity and low vascular permeability in comparison with native human serum albumin. *Pharmaceutical Research*. 23(5), 882-891, 2006, 5.
19. Koshimizu TA, Nasa Y, Tanoue A, Oikawa R, Kawahara Y, Kiyono Y, Adachi T, Tanaka T, Kuwaki T, Mori T, Takeo S, Okamura H, Tsujimoto G : V1a vasopressin receptors maintain normal blood pressure by regulating circulationg blood volume and baroreflex sensitivitiy. *Proceedings of the National Academy of Sciences of the United States of America*. 103(20), 7807-7812, 2006, 5.
20. Bartolome A, Mandap KS, David KJ, Sevilla F3rd, Villanueva J : SOS-red fluorescent protein (RFP) bioassay system for monitoring of antigenotoxic activity in plant extracts. *Biosensors and Bioelectronics*. 21(11), 2114-2120, 2006, 5.

21. Miyamoto JJ, Honda M, Saito DN, Okada T, Ono T, Ohyama K, Sadato N : The representation of the human oral area in the somatosensory cortex: a functional MRI study. *Cerebral Cortex*. 16(5), 669-675, 2006, 5.
22. 田原義弘, 川井恵一, 下新原 茂, 久家教幸, 田村正三 : 放射線・可視光同時撮像ピンホールカメラの開発と透視中散乱線の撮像. *Radioisotopes*. 55(5), 247-252, 2006, 5.
23. Kanegawa N, Kiyono Y, Kimura H, Sugita T, Kajiyama S, Kawashima H, Ueda M, Kuge Y, Saji H : Synthesis and evaluation of radioiodinated (S,S)-2-( $\alpha$ -<sup>2</sup>-iodophenoxy)benzyl)morpholine for imaging brain norepinephrine transporter. *European Journal of Nuclear Medicine and Molecular Imaging*. 33(6), 639-647, 2006, 6.
24. 大山伸幸, 金田大全, 中井正治, 塩山力也, 松田陽介, 棚瀬和弥, 青木芳隆, 三輪吉司, 秋野裕信, 横山 修, 岡沢秀彦, 藤林靖久, 米倉義晴:前立腺癌の画像診断 PET(解説). *泌尿器科紀要*. 52(6), 503-505, 2006, 6.
25. Kitada R, Kito T, Saito DN, Kochiyama T, Matsumura M, Sadato N, Lederman SJ : Multisensory activation of the intraparietal area when classifying grating orientation: a functional magnetic resonance imaging study. *The Journal of Neuroscience*. 26(28), 7491-7501, 2006, 7.
26. 大山伸幸, 青木芳隆, 棚瀬和弥, 松田陽介, 塩山力也, 中井正治, 三輪吉司, 秋野裕信, 横山 修, 岡沢秀彦, 藤林靖久, 米倉義晴 : 泌尿器科領域腫瘍における<sup>11</sup>C-Acetate-PETイメージング. *臨床放射線*. 51(7), 815-822, 2006, 7.
27. Shirasaki H, Nakano A, Uzui H, Yonekura Y, Okazawa H, Ueda T, Lee JD : Comparative assessment of <sup>18</sup>F-fluorodeoxyglucose PET and <sup>99m</sup>Tc-tetrofosmin SPECT for the prediction of functional recovery in patients with reperfused acute myocardial infarction. *European Journal of Nuclear Medicine and Molecular Imaging*. 33(8), 879-886, 2006, 8.
28. Tanaka T, Furukawa T, Fujieda S, Kasamatsu S, Yonekura Y, Fujibayashi Y : Double-tracer autoradiography with Cu-ATSM/FDG and immunohistochemical interpretation in four different mouse implanted tumor models. *Nuclear Medicine and Biology*. 33(6), 743-750, 2006, 8.
29. Tsujikawa T, Nomura M, Nakayasu K, Kawano T, Nakaya Y, Ito S, Nishitani H : Risk factors associated with soft coronary artery plaques in Japanese, as determined by 16 slice multidetector-row computed tomography. *The Journal of Medical Investigation*. 53(3-4), 310-316, 2006, 8.
30. Toyohara J, Hayashi A, Gogami A, Hamada M, Hamashima Y, Katoh T, Node M, Fujibayashi Y : Alkyl-fluorinated thymidine derivatives for imaging cell proliferation I . The in vitro evaluation fo some alkyl-fluorinated thymidine derivatives. *Nuclear Medicine and Biology*. 33(6), 751-764, 2006, 8.

31. Toyohara J, Hayashi A, Gogami A, Fujibayashi Y : Alkyl-fluorinated thymidine derivatives for imaging cell proliferation II . Synthesis and evaluation of N3-(2-[18F]fluoroethyl)-thymidine. Nuclear Medicine and Biology. 33(6), 765-772, 2006, 8.
32. Yoshii Y : Diversity and evolution of photosynthetic antenna systems in green plants. Phycological Research. 54(3), 220-229, 2006, 9.
33. Murata T, Maruoka N, Omata N, Takashima Y, Fujibayashi Y, Yonekura Y, Wada Y : A comparative study of the plasma membrane permeabilization and fluidization induced by antipsychotic drugs in the rat brain. International Journal of Neuropsychopharmacology. 1-7, 2006, 9.
34. Qiu Y, Noguchi Y, Honda M, Naakata H, Tamura Y, Tanaka S, Sadato N, Wang X, Inui K, Kakigi R : Brain processing of the signals ascending through unmyelinated C fibers in humans: an event-related functional magnetic resonance imaging study. Cerebral Cortex. 16(9), 1289-1295, 2006, 9.
35. Aramaki Y, Honda M, Sadato N : Suppression of the non-dominant motor cortex during bimanual symmetric finger movement: a functional magnetic resonance imaging study. Neuroscience. 141(4), 2147-2153, 2006, 9.
36. Aramaki Y, Honda M, Okada T, Sadato N : Neural correlates of the spontaneous phase transition during bimanual coordination. Cerebral Cortex. 16(9), 1338-1348, 2006, 9.
37. Iidaka T, Matsumoto A, Nogawa J, Yamamoto Y, Sadato N : Frontoparietal network involved in successful retrieval from episodic memory. Spatial and temporal analyses using fMRI and ERP. Cerebral Cortex. 16(9), 1349-1360, 2006, 9.
38. Kobayashi M, Okazawa H, Tsuchida T, Kawai K, Fujibayashi Y, Yonekura Y : Diagnosis of misery perfusion using noninvasive <sup>15</sup>O-Gas PET. The Journal of Nuclear Medicine. 47(10), 1581-1586, 2006, 10.
39. Yoshimoto M, Kinuya S, Kawashima A, Nishii R, Yokoyama K, Kawai K : Radio-iodinated VEGF to image tumor angiogenesis in a LS180 tumor xenograft model. Nuclear Medicine and Biology. 33(8), 963-969, 2006, 11.
40. Saito DN, Okada T, Honda M, Yonekura Y, Sadato N : Practice makes perfect: the neural substrates of tactile discrimination by Mah-Jong experts include the primary visual cortex. BMC Neuroscience. 7, 79, 2006, 12.
41. Uchiyama H, Seki A, Kageyama H, Saito DN, Koeda T, Ohno K, Sadato N : Neural substrates of sarcasm: a functional magnetic-resonance imaging study. Brain

- Research. 1124(1), 100-110, 2006, 12.
42. Iidaka T, Matsumoto A, Ozaki N, Suzuki T, Iwata N, Yamamoto Y, Okada T, Sadato N : Volume of left amygdala subregion predicted temperamental trait of harm avoidance in female young subjects. A voxel-based morphometry study. Brain Research. 1125(1), 85-93, 2006, 12
43. Kosaka H, Omata N, Omori M, Shimoyama T, Murata T, Kashikura K, Takahashi T, Murayama J, Yonekura Y, Wada Y : Abnormal pontine activation in pathological laughing as shown by functional magnetic resonance imaging. Journal of Neurology, Neurosurgery and Psychiatry. 77(12), 1376-1380, 2006, 12.
44. Fuke K, Nomura M, Tsujikawa T, Inoue S, Morishita S, Ito S : Examination of myocardial injury in patients with hepatitis C using myocardial scintigraphy and body surface signal-averaged ECG. Japanese Journal of Clinical Physiology. 36(6), 1-9, 2006, 12.