

鹿児島大学歯学部発表論文 [2011年 SCI (または JCR) リスト雑誌に公表された業績(IF 2011)]

1. Tanaka YR, Tanaka YH, Konno M, Fujiyama F, Sonomura T, Okamoto-Furuta K, Kameda H, Hioki H, Furuta T, Nakamura KC and Kaneko T. Local connections of excitatory neurons to corticothalamic neurons in the rat barrel cortex. *J Neurosci* 2011; 31: 18223-18236. (7.115)
2. Ishikawa Y, Kawawa Y, Kohda E, Shimada K, Ishii T. Significance of the anatomical properties of a myocardial bridge in coronary heart disease. *Circ J* 2011; 75: 1559-1566. (3.766)
3. Tsukahara K, Tamatsu Y, Sugawara Y, Shimada K. The relationship between wrinkle depth and dermal thickness in the forehead and lateral canthal region. *Arch Dermatol* 2011; 147: 822-828. (3.881)
4. Shindo Y, Morishita K, Kotake E, Miura H, Carnichi P, Kawai J, Hayashizaki Y, Hino A, Kanda T, Kusakabe Y. FXVD6, a Na, K-ATPase regulator is expressed in Type II taste cells. *Biosci Biothechnol Biochem* 2011; 75:1061-1066. (1.276)
5. Musikacharoen T, Bandow K, Kakimoto K, Kusuyama J, Onishi T, Yoshikai Y, Matsuguchi T. Functional involvement of dual specificity phosphatase 16 (DUSP16), a c-Jun N-terminal kinase-specific phosphatase, in the regulation of T helper cell differentiation. *J Biol Chem* 2011; 286: 24896-24905. (4.773)
6. Shima K, Morikawa T, Baba Y, Noshio K, Suzuki M, Yamauchi M, Hayashi M, Giovannucci E, Fuchs CS, Ogino S. MGMT promoter methylation, loss of expression and prognosis in 855 colorectal cancers. *Cancer Cause Control* 2011; 22: 301-309. (2.877)
7. Shima K, Noshio K, Baba Y, Cantor M, Meyerhardt JA, Giovannucci EL, Fuchs CS, Ogino S. Prognostic significance of CDKN2A (p16) promoter methylation and loss of expression in 902 colorectal cancers: Cohort study and literature review. *Int J Cancer* 2011; 128: 1080-1094. (5.444)
8. Morikawa T, Baba Y, Yamauchi M, Kuchiba A, Noshio K, Shima K, Tanaka N, Huttenhower C, Frank DA, Fuchs CS, Ogino S. STAT3 expression, molecular features, inflammation patterns, and prognosis in a database of 724 colorectal cancers. *Clin Cancer Res* 2011; 17: 1452-1462. (7.742)
9. Baba Y, Noshio K, Shima K, Hayashi M, Meyerhardt JA, Chan AT, Giovannucci E, Fuchs CS, Ogino S. Phosphorylated AKT expression is associated with PIK3CA mutation, low stage, and favorable outcome in 717 colorectal cancers. *Cancer* 2011; 117: 1399-1408. (4.771)
10. Morikawa T, Kuchiba A, Yamauchi M, Meyerhardt JA, Shima K, Noshio K, Chan AT, Giovannucci E, Fuchs CS, Ogino S. Association of CTNBN1 (beta-catenin) alterations, body mass index, and physical activity with survival in patients with colorectal cancer. *JAMA* 2011; 305: 1685-1694. (30.026)
11. Shima K, Morikawa T, Yamauchi M, Kuchiba A, Imamura Y, Liao X, Meyerhardt JA, Fuchs CS, Ogino S. *TGFBR2* and *BAX* Mononucleotide Tract Mutations, Microsatellite Instability, and Prognosis in 1072 Colorectal Cancers. *PLoS One*, 2011; 6: e25062. (4.09)
12. Oogai Y, Matsuo M, Hashimoto M, Kato F, Sugai M, Komatsuzawa H. Expressions of virulence factors in *Staphylococcus aureus* grown in serum. *Appl Environ Microbiol.* 2011; 77: 8097-8105. (3.829)
13. Kawada-Matsuo M, Yoshida Y, Nakamura N, Komatsuzawa H. Role of two-component systems in the resistance of *Staphylococcus aureus* to antibacterial agents., *Virulence.* 2011; 2: 427-430. (2.264)
14. Yoshida Y, Matsuo M, Oogai Y, Kato F, Nakamura N, Sugai M, Komatsuzawa H. Bacitracin sensing and resistance in *Staphylococcus aureus*. *FEMS Microbiol Lett* 2011; 320: 33-39. (2.044)
15. Matsuo M, Oogai Y, Kato F, Kawai T, Sugai M, Komatsuzawa H. Growth-phase dependence of susceptibility to antimicrobial peptides in *Staphylococcus aureus*. *Microbiology-SGM.* 2011; 157: 1786-1797. (3.061)
16. Kato F, Kadomoto N, Iwamoto Y, Bunai K, Komatsuzawa H, Sugai M., Regulatory mechanism for exfoliative toxin production in *Staphylococcus aureus*. *Infect Immun* 2011; 79: 1660-1670. (4.165)
17. Kajiyama M, Komatsuzawa H, Papantonakis A, Seki M, Makihira S, Ouhara K, Kusumoto Y, Murakami S, Taubman MA, Kawai T. *Aggregatibacter actinomycetemcomitans* Omp29 is associated with bacterial entry to gingival epithelial

- cells by F-actin rearrangement. PLoS One. 2011; 6: e18287. (4.092)
18. Ohta K, Kajiya M, Zhu T, Nishi H, Mawardi H, Shin J, Elbadawi L, Kamata N, Komatsuzawa H, Kawai T., Additive effects of orexin B and vasoactive intestinal polypeptide on LL-37-mediated antimicrobial activities. J Neuroimmunol 2011; 233: 37-45. (2.959)
 19. Shibata Y, Kawada-Matsuo M, Shirai Y, Saito N, Li D, Yamashita Y. *Streptococcus mutans* diacylglycerol kinase homologue: a potential target for anti-caries chemotherapy. J Med Microbiol 2011; 60: 625-630. (2.502)
 20. Arikawa H, Takahashi H, Minesaki Y, Muraguchi K, Matsuyama T, Kanie T, Ban S. A method for improving the light intensity distribution in dental light-curing units. Dent Mater J 2011; 30: 151-157. (1.137)
 21. Nagata E, de Toledo A, Oho T. Invasion of human aortic endothelial cells by oral viridans group streptococci and induction of inflammatory cytokine production. Mol Oral Microbiol 2011; 26: 78-88. (2.641)
 22. Takahashi Y, Yoshida A, Nagata E, Hoshino T, Oho T, Awano S, Takehara T, Ansai T. *Streptococcus anginosus* L-cysteine desulphydrase gene expression is associated with abscess formation in BALB/c mice. Mol Oral Microbiol 2011; 26: 221-227. (2.641)
 23. Yamaguchi T, Soutome S, Oho T. Identification and characterization of a fibronectin-binding protein from *Granulicatella adiacens*. Mol Oral Microbiol 2011; 26: 353-364. (2.641)
 24. Morimoto-Yamashita Y, Matsuo M, Komatsuzawa H, Kawahara K, Kikuchi K, Torii M, Tokuda M: MK615: A new therapeutic approach for the treatment of oral disease. Medical Hypotheses 2011; 77: 258-260. (1.150)
 25. Yano J., Kitamura C, Nishihara T, Tokuda M, Washio A, Chen K-K, Terashita M; Apoptosis and survivability of human dental cells under exposure to Bis-GMA. J Appl Oral Sci 2011; 19: 218-22. (0.575)
 26. Kikuchi K, Kawahara K, Uchikado H, Miyagi N, Kuramoto T, Miyagi T, Morimoto Y, Ito T, Tancharoen S, Miura N, Takenouchi K, Oyama Y, Shrestha B, Matsuda F, Yoshida Y, Arimura S, Mera K, Tada K, Yoshinaga N, Maenosono R, Ohno Y, Hashiguchi T, Maruyama I, Shigemori M: Potential of edaravone for neuroprotection in neurologic diseases tant do not involve cerebral intarction (Review). Exp Ther Med 2011; 2: 771-775. (0.206)
 27. Kikuchi K, Uchikado H, Morimoto Y, Ito T, Tancharoen S, Miura N, Miyata K, Sakamoto R, Kikuchi C, Iida N, Shiomi N, Kuramoto T, Miyagi N, Kawahara K: HMGB1 as a therapeutic target in spinal cord injury: A hypothesis for novel therapy development (Review). Exp Ther Med 2011; 2: 767-770. (0.206)
 28. Kikuchi K, Uchikado H, Miyagi N, Morimoto Y, Kawahara K. Beyond neurological disease: New targets for edaravone (Review). Int J Mol Med 2011; 28: 899-906. (1.573)
 29. Kitamura M, Akamatsu M, Machigashira M, Hara Y, Sakagami R, Hirofuji T, Hamachi T, Maeda K, Yokota M, Kido J, Nagata T, Kurihara H, Takashiba S, Sibutani T, Fukuda M, Noguchi T, Yamazaki K, Yoshie H, Ioroi K, Arai T, Nakagawa T, Ito K, Oda S, Izumi Y, Murakami S, et al. FGF-2 stimulates periodontal regeneration: results of a multi-center randomized clinical trial. J Dent Res 2011; 90: 35-40. (3.486)
 30. Hasegawa-Nakamura K, Tateishi F, Nakamura T, Nakajima Y, Kawamata K, Douchi T, Hatae M, Noguchi K. The possible mechanism of preterm birth associated with periodontopathic *Porphyromonas gingivalis*. J Periodontal Res 2011; 46: 497-504. (1.686)
 31. Takeuchi N, Machigashira M, Yamashita D, Shirakata Y, Kasuga T, Noguchi K, Ban S. Cellular compatibility of a gamma-irradiated modified siloxane-poly (lactic acid)-calcium carbonate hybrid membrane for guided bone regeneration. Dent Mater J 2011; 30: 730-738. (1.137)
 32. Nakamura T, Hasegawa-Nakamura K, Sakoda K, Matsuyama T, Noguchi K. Involvement of angiotensin II type I receptors in interleukin-1 β -induced interleukin-6 production in human gingival fibroblasts. Eur J Oral Sci 2011; 119: 345-351. (1.878)
 33. Muraguchi K, Minami H, Minesaki Y, Suzuki S, Tanaka T. A study of self-adhesive cements for bonding to silver-palladium-copper gold alloy -Effect of including primer components in cement base-. Dent Mater J 2011; 30: 199-205. (1.137)
 34. Minami H, Murahara S, Suzuki S, Tanaka T. Effects of metal primers on the bonding of an adhesive resin cement to

- noble metal ceramic alloys after thermal cycling. *J Prosthet Dent* 2011; 106: 378-385. (1.324)
35. Maruyama H, Nishi Y, Tsuru K, Nagaoka E. Optimum design for glass fiber-reinforced composite clasps using nonlinear finite element analysis. *Dent Mater J* 2011; 30: 626-634. (1.137)
 36. Okawachi T, Nozoe E, Nishihara K, Hirahara N, Nakamura N. Three dimensional analyses of nasal forms following secondary correction of unilateral cleft lip nose deformity. *J Oral Maxillofac Surg* 2011; 69: 322-332. (1.640)
 37. Nakamura N, Sasaguri M, Okawachi T, Nishihara K, Nozoe E. Secondary correction of bilateral cleft lip nose deformity -clinical and three-dimensional observations on pre- and postoperative outcomes-. *J Cranio-Maxillofacial Surg* 2011; 39: 305-312. (1.643)
 38. Nakamura N, Okawachi T, Nozoe E, Nishihara K, Matsunaga K. Three dimensional analyses of nasal forms after secondary treatment of bilateral cleft lip-nose deformity in comparison to those of young adults. *J Oral Maxillofac Surg* 2011; 69: e469-e481. (1.640)
 39. Matsunaga K, Asamura S, Tadaaki M, Wada M, Wada Y, Nakamura N, Isogai N. Association between preoperative inferior rectus muscles swelling and outcomes in orbital blowout fracture. 2011; *J Cranio-Maxillofacial Surg* 2011; 39: 509-514. (1.643)
 40. Asamura S, Matsunaga K, Mori K, Morotomi T, Isogai N. The frontal-zygomatic approach vs. the anterior approach for orbital tumor surgery: a retrospective review of the indications and outcome. *Oral Med Pathol* 2011; 15: 89-94. (1.628)
 41. Koyama I, Iino S, Abe Y, Takano-Yamamoto T, Miyawaki S. Differences between sliding mechanics with implant anchorage and straight-pull headgear and intermaxillary elastics in adults with bimaxillary protrusion. *Eur J Orthod* 2011; 33: 126-131. (0.893)
 42. Ohmure H, Oikawa K, Kanematsu K, Saito Y, Yamamoto T, Nagahama H, Tsubouchi H, Miyawaki S. Influence of Experimental Esophageal Acidification on Sleep Bruxism: A randomized trial. *J Dent Res* 2011; 90: 665-671. (3.486)
 43. Ueda H, Mitoh Y, Fujita M, Kobashi M, Yamashiro T, Sugimoto T, Ichikawa H, Matsuo R. Muscarinic receptor immunoreactivity in the superior salivatory nucleus neurons innervating the salivary glands of the rat. *Neurosci Lett* 2011; 499: 42-46. (2.105)
 44. Takemoto Y, Saitoh I, Iwasaki T, Inada E, Yamada C, Iwase Y, Shinkai M, Kanomi R, Hayasaki H, Yamasaki Y. Pharyngeal Airway in Children with Prognathism and Normal Occlusion. *The Angle Orthodontist* 2011; 81: 77-82. (1.207)
 45. Kuroda K, Saitoh I, Inada E, Takemoto Y, Iwasaki T, Iwase Y, Yamada C, Shinkai M, Matsumoto Y, Hasegawa H, Yamasaki Y, Hayasak H. Head Motion May Help Mouth Opening in Children. *Arch Oral Biol* 2011; 56: 102-107. (1.603)
 46. Iwasaki T, Saitoh I, Takemoto Y, Inada E, Kanomi R, Hayasaki H, Yamasaki Y. Evaluation of upper airway obstruction in Class II children using fluid-mechanical simulation. *Am J Orthod Dentofacial Orthop* 2011; 139: e135-e145. (1.381)
 47. Hasegawa H, Saitoh I, Nakakura-Ohshima K, Shigeta K, Yoshihara T, Suenaga S, Inada E, Iwasaki T, Matsumoto Y, Yamasaki Y. Condyle Shape in Relation to Anterior Disk Displacement in young adolescence. *Cranio* 2011; 29: 100-110. (0.656)
 48. Iwase Y, Saitoh I, Okamoto A, Nakakura-Ohshima K, Inada E, Yamada C, Takemoto Y, Yamasaki Y, Hayasaki H. Do Occlusal Contact Areas of Maximum Closing Position During Gum Chewing and Intercuspal Position Coincide? *Arch Oral Biol* 2011; 56: 1616-1623. (1.603)
 49. Rai K, Matsui H, Kaneko T, Nagano Y, Shimokawa O, Udo J, Hirayama A, Hyodo I, Indo HP, Majima HJ: Lansoprazole inhibits mitochondrial superoxide production and cellular lipid peroxidation induced by indomethacin in RGM1 cells. *J Clin Biochem Nutr* 2011; 49: 25-30. (1.975)
 50. Yen HC, Li SH, Majima HJ, Huang YH, Chen CP, Liu CC, Tu YC, Chen CW. Upregulation of antioxidant enzymes and coenzyme Q10 in a human oral cancer cell line with acquired bleomycin resistance. *Free Radical Research* 2011;

45: 707-716. (2.878)

51. Majima, HJ, Indo, HP, Suenaga, S, Matsui, H, Yen, H-C and Ozawa, T. Mitochondria as Possible Pharmaceutical Targets for the Effects of Vitamin E and its Homologues in Oxidative Stress-Related Diseases. *Curr Pharm Des* 2011; 17; 2190-2195. (3.870)
52. Matsui H, Nagano Y, Shimokawa O, Kaneko T, Rai K, Udo J, Hirayama A, Nakamura Y, Indo HP, Majima HJ, Hyodo I. Gastric acid induces mitochondrial superoxide production and lipid peroxidation in gastric epithelial cells. *J Gastroenterol* 2011; 46: 1167-1176. (4.160)
53. Manabe Y, Seto M, Iwamoto S, Tominaga S, Taniguchi S. The success Rate of Nasotracheal Intubation Using Lightwand Does Not Depend on the Laryngoscopic View. *J Anesth* 2011; 25: 350-355. (0.831)
54. Sugiyama K, Kohjitani A, Iwase Y, Manabe Y. Syndrome of inappropriate secretion of antidiuretic hormone found by preoperative electrolyte analysis. *Anesth Analg*. 2011; 112: 486. (3.286)
55. Ohmori J, Maeda S, Higuchi H, Ishii M, Arai Y, Tomoyasu Y, Kohjitani A, Shimada M, Miyawaki T. Propofol increases the rate of albumin-unbound free midazolam in serum albumin solution. *J. Anesth.* 2011; 25: 618-620. (0.831)