

Inose H, Ochi H, Kimura A, Fujita K, Xu R, Sato S, Iwasaki M, Sunamura S, Takeuchi Y, Fukumoto S, Saito K, Nakamura T, Siomi H, Ito H, Arai Y, Shinomiya K, Takeda S	A microRNA regulatory mechanism of osteoblast differentiation	Proc Natl Acad Sci U S A.	On line		2009
Okawa A, Sakai K, Hirai T, Kato T, Tomizawa S, Kawabata S, Takahashi M, Shinomiya K	Hyperlordosis of the Cervical Spine is a Risk Factor for Reconstruction Failure of 3-level or Greater Anterior Cervical Decompression and Anterior Plate Fixation Fusion	日本脊椎脊髄病学会誌	20(3)	761-765	2009
Yukihiro Matsuyama, Yoshihito Sakai, Yoshito Katayama, Shiro Imagama, Zenya Ito, Norimitsu Wakano, Yasutsugu Yukawa, Keigo Ito, Mitsuhiro Kamiyama, Tokumi Kanemura, Koji Sato, Naoki Ishiguro	Indirect Posterior Decompression with Corrective Fusion for Ossification of the Posterior Longitudinal Ligament of the Thoracic Spine -Is it Possible to Predict the Surgical Results ?	Euro Spine J	18	943-948	2009
Inukai T, Uchida K, Nakajima H, Yayama T, Kobayashi S, Mwaka ES, Guerrero AR, Baba H.	Tumor necrosis factor- $\alpha$ and its receptors contribute to apoptosis of oligodendrocytes in the spinal cord of spinal hyperostotic mouse (twy/twy) sustaining chronic mechanical compression.	Spine	34 (26)	2848-57	2009

Uchida K, Nakajima H, Yayama T, Sato R, Baba H.	Updates on ossification of posterior longitudinal ligament. Ossification front of posterior longitudinal ligament and cellular biological assessment of chronic mechanical compressed spinal cord	Clin Calcium	19 (10)	1472-9	2009
Uchida K, Nakajima H, Yayama T, Sato R, Kobayashi S, Mwaka ES, Imamura Y, Baba H.	Immunohistochemical findings of multiple ossified meningeal plaques in the thoracic spine.	J Clin Neurosci			in press (Epub)
Uchida K, Nakajima H, Yayama T, Sato R, Kobayashi S, Kokubo Y, Mwaka ES, Baba H.	Anterior and posterior decompressive surgery for progressive amyotrophy associated with cervical spondylosis: a retrospective study of 51 patients.	J Neurosurg Spine	11(3)	330-7	2009
Uchida K, Nakajima H, Miyazaki T, Yayama T, Kawahara H, Kobayashi S, Tsuchida T, Okazawa H, Fujibayashi Y, Baba H.	Effects of alendronate on bone metabolism in glucocorticoid-induced osteoporosis measured by 18F-fluoride PET: a prospective study.	J Nucl Med	50 (11)	1808-14	2009
Uchida K, Nakajima H, Yayama T, Kobayashi S, Shimada S, Tsuchida T, Okazawa H, Mwaka E, Baba H.	High-resolution magnetic resonance imaging and 18FDG-PET findings of the cervical spinal cord before and after decompressive surgery in patients with compressive myelopathy.	Spine	34 (11)	1185-91	2009
Mwaka ES, Yayama T, Uchida K, Kobayashi S, Kokubo Y, Nakajima H, Sato R, Orwotho NT, Baba H.	Calcium pyrophosphate dehydrate crystal deposition in the ligamentum flavum of the cervical spine: histopathological and immunohistochemical findings.	Clin Exp Rheumatol.	27 (3)	430-8	2009

Atsushi S, Hoshino Y, et al.	Intraoperative ultrasonographic evaluation of posterior decompression by laminoplasty in patients with cervical ossification of the posterior longitudinal ligament.	The Journal of the Japanese society for spine surgery and related research	20(3)	617-619	2009
Oda T, Yonenobu K, Fujimura Y, Ishii Y, Nakahara S, Matsunaga S, Shimizu T, Matsumoto M	Diagnostic validity of space available for the spinal cord at C1 level for cervical myelopathy in patients with rheumatoid arthritis.	Spine	34(13)	1395-1398	2009
Matsunaga S, Koga H, Takenouchi T, Nagata M, Takano J, Imakiire T, Komiya S	Japanese Orthopaedic association cervical Myelopathy Evaluation Questionnaire Investigation in Healthy Volunteers.	The Journal of the Japanese Society for Spine Surgery and Related Research	20(3)	689-691	2009
Otsuji M, Matsunaga S, Koga H, Kawabata N, Imakiire T, Hiwaki T, Tashiro Y, Shirahama H, Komiya S	An atypical extrahepatic metastasis of the distal phalanx from hepatocellular carcinoma.	Int. J Clin Oncol	14(2)	159-162	2009
Kubo M, Ando K, Mimura T, Matsuo Y, Mori K.	Chondroitin sulfate for the treatment of hip and knee osteoarthritis: current status and future trends.	Life Sci	85(13-14)	477-83	2009
Mori K, Ando K, Heymann D, Redini F.	Receptor activator of nuclear factor- $\kappa$ B ligand (RANKL) stimulates bone-associated tumors through functional RANK expressed on bone-associated cancer cells?	Histol Histopathol	24	235-42	2009
Oda T, Yonenobu K, Fujimura Y, Ishii Y, Nakahara S, Matsunaga S, Shimizu T, Matsumoto M	Diagnostic validity of space available for the spinal cord at C1 level for cervical myelopathy in patients with rheumatoid arthritis.	Spine	34	1395-8	2009

Kato Y, Kanchiku T, Imajo Y, Ichihara K, Kawano S, Hamanaka D, Yaji K, Taguchi T	Flexion model simulating spinal cord injury without radiography in patients with ossification of the longitudinal ligament: The influence of flexion speed on the cervical spine.	Journal of Spinal Cord Medicine	32 (5)	555-559	2009
Kishiya M, Furukawa K, Yokoyama T, Kudo H, Ono A, Numasawa T, Wada K, Toh S.	Comparison of cardiovascular parameters between patients with ossification of posterior longitudinal ligament and patients with cervical spondylotic myelopathy.	J Spinal Disord Tech	22(5)	361-366	2009
Shiozaki T, Otsuka H, Nakata Y, Yokoyama T, Takeuchi K, Ono A, Numasawa T, Wada K, Toh S.	Spinal cord shift on magnetic resonance imaging at 24 hours after cervical laminoplasty.	Spine	34(3)	274-279	2009
Takeuchi K, Otsuka H, Yokoyama T, Ono A, Shiozaki T, Ueyama K	Relation between Japanese Orthopedic Association Cervical Myelopathy Evaluation Questionnaire and Surgery Satisfaction Level after Cervical Laminoplasty	The Journal of the Japanese society for spine surgery and related research	20(3)	696-702	2009
Ozawa H, Sato T, Hyodo H, Ishii Y, Morozumi N, Koizumi Y, Matsumoto F, Kasama F, Aizawa T, Itoi E, Kokubun S	Clinical significance of intramedullary Gd-DTPA enhancement in cervical myelopathy.	Spinalcord	Epub ahead		2009
Aizawa T, Ozawa H, Hoshikawa T, Kusakabe T, Itoi E	Severe facet joint arthrosis caused C7/T1 myelopathy: a case report.	Case Report Med	2009	481459	2009
Kanno H, Ozawa H, Sekiguchi A, Itoi E	Spinal cord injury induces upregulation of Beclin 1 and promotes autophagic cell death.	Neurobiol Dis	33	143-148	2009

Kanno H, Ozawa H, Dohi Y, Sekiguchi A, Igarashi K, Itoi E	Genetic Ablation of Transcription Repressor Bach1 Reduces Neural Tissue Damage and Improves Locomotor Function after Spinal Cord Injury in Mice.	J Neurotrauma	26	31-39	2009
Kanno H, Ozawa H, Sekiguchi A, Itoi E	The role of autophagy in spinal cord injury.	Autophagy	5	1-3	2009
Kanomata K, Kokabu S, Nojima J, Fukuda T and Katagiri T.	DRAGON, a GPI-anchored membrane protein, inhibits BMP signaling in C2C12 myoblasts.	Genes Cells	14	695-702	2009
Kokabu S, Nojima J, Kanomata K, Ohte S, Yoda T, Fukuda T and Katagiri T.	Protein phosphatase magnesium-dependent 1A-mediated inhibition of BMP signaling is independent of Smad-dependent phosphorylation.	J Bone Miner Res	in press		2010
Shen Q, Little SC, Xu M, Haupt J, Ast C, Katagiri T, Mundlos S, Seemann P, Kaplan FS, Mullins MC and Shore EM.	Fibrodysplasia ossificans progressiva ACVR1 R206H mutation activates ligand-independent and ligand-sensitive chondrogenesis and regulates zebrafish dorso-ventral patterning.	J Clin Invest	119	3462-3472	2009
Katagiri T.	Heterotopic bone formation induced by bone morphogenetic protein signaling: fibrodysplasia ossificans progressiva.	J Oral Biosci	In press		2010
Nanno, K., Sugiyasu, K., Daimon, T., Yoshikawa, H., Myoui, A.	Synthetic alginate is a carrier of OP-1 for bone induction.	Clinical Orthopaedics and Related Research	467	3149-3155	2009
Yoshikawa, H., Yoshioka, K., Nakase, T., Itoh, K.	Stimulation of ectopic bone formation in response to BMP-2 by Rho kinase inhibitor: a pilot study.	Clinical Orthopaedics and Related Research	467	3087-3095	2009

Kotani Y, Abumi K, Ito M, Sudo H, Takahata M, Ohsshima S, Hojo Y, Minami A	Minimum 2-year outcome of cervical laminoplasty with deep extensor muscle-preserving approach: impact on cervical spine function and quality of life.	Eur Spine J	18	663-671	2009
Nishio Y, Koda M, Hashimoto M, Kamada T, Koshizuka S, Yoshinaga K, Onodera S, Nishihira J, Okawa A, Yamazaki M	Deletion of macrophage migration inhibitory factor attenuates neuronal death and promotes functional recovery after compression-induced spinal cord injury in mice	Acta Neuropathol	117	321-328	2009
Mochizuki M, Aiba A, Hashimoto M, Fujiyoshi T, Yamazaki M	Cervical myelopathy in patients with ossification of the posterior longitudinal ligament	J Neurosurg Spine	10	122-128	2009
Miyashita T, Koda M, Kitajo K, Yamazaki M, Takahashi K, Kikuchi A, Yamashita T	Wnt-Ryk signaling mediates axon growth inhibition and limits functional recovery after spinal cord injury	J Neurotrauma	26	955-964	2009
Fujiyoshi T, Yamazaki M, Okawa A, Kawabe J, Hayashi K, Endo T, Furuya T, Koda M, Takahashi K	Analysis of static versus dynamic factors for the development of myelopathy in patients with cervical ossification of the posterior longitudinal ligament	J Clin Neurosci		2010 Jan 11. [Epub ahead of print]	2010
Furuya T, Hashimoto M, Koda M, Okawa A, Murata A, Takahashi K, Yamashita T, Yamazaki M	Treatment of rat spinal cord injury with a rho-kinase inhibitor and bone marrow stromal cell transplantation	Brain Res	1295	192-202	2009
Aiba A, Nakajima A, Okawa A, Koda M, Yamazaki M	Evidence of enhanced expression of osteopontin in spinal hyperostosis of the twy mouse	Spine	34	1644-1649	2009

Yamazaki M, Okawa A, Fujiyoshi T, Furuya T, Koda M	Posterior decompression with instrumented fusion for thoracic myelopathy caused by ossification of the posterior longitudinal ligament	Eur Spine J		2010 Jan 6. [Epub ahead of print]	2010
Kitaori T, Ito H, Schwarz EM, T sutsumi R, Yoshitomi H, Oishi S, Nakano M, Fujii N, Nagasawa T, Nakamura T	SDF-1/CXCR4 signaling is critical for the recruitment of mesenchymal stem cells to the fracture site during skeletal repair in a mouse model	Arthritis and Rheumatism	60	813-823	2009
Ushida T, Yokoyama T, Kishida Y, Hosokawa M, Taniguchi S, Inoue S, Takemasa R, Suetomi K, Young-Chang P. Arai, Matthew McLaughlin, Tani T	Incidence and Risk Factors of Postoperative Delirium in Cervical Spine Surgery	Spine	34 (23)	2500-2504	2009
Taniguchi S, Fukui M, Chiba K, Kanamori M, Kawakami M, Miyamoto M, Nakai S, Shimamura T, Taguchi T, Takeshita K, Tanaka Y, Tani T, Wada E, Yoneboku K	Japanese Orthopaedic Association Back Pain Evaluation Questionnaire (JOABPEQ); Validating the JOABPEQ for measuring Mental Health Problems in Patients with Lumbar Disc Herniation and Lumbar Spinal Canal Stenosis	日本脊椎脊髄病学会雑誌	20 (3)	706-708	2009
Ikemoto T, Tani T, Taniguchi S, Ikeuchi M, Kimura J	Effects of experimental focal compression on excitability of human median motor axons	Clin Neurophysiol	120	342-347	2009
Yoshimura N Muraki S Oka H Kawaguchi H Nakamura K Akune T	Cohort Profile: Research on Osteoarthritis /osteoporosis Against Disability (ROAD) Study.	International Journal of Epidemiology			In press

Yoshimura N Muraki S Oka H Mabuchi A En-Yo Y Yoshida M Saika A Yoshida H Suzuki T Yamamoto S Ishibashi H Kawaguchi H Nakamura N Akune T	Prevalence of knee osteoarthritis, lumbar spondylosis, and osteoporosis in Japanese men and women: the research on osteoarthritis/osteoporosis against disability study	J Bone Miner Metab	27	620-628	2009
Murakami M, Seichi A, Chikuda H, Takeshita K, Nakamura K.	Long-term follow-up of progression of ossification of the posterior longitudinal ligament: a case report.	J Neurosurg Spine	12	577-579	2010
Takeshita K, Seichi A, Chikuda H, Koyama Y, Kawaguchi H, Nakamura K.	Satisfaction and the Correlative Outcomes in Cervical Laminoplasty.	J Jap Soc Spine Surg Rel Res	20	631-636	2009
Matsumoto T, Ohnishi I, Bessho M, Imai K, Ohashi S, Nakamura K.	Prediction of vertebral strength under loading conditions occurring in activities of daily living using a computed tomography-based nonlinear finite element method.	Spine	34(14)	1464-1469	2009

里見和彦	頰椎症性脊髄症診療ガイドライン	理学療法ジャーナル	43 (6)	543-548	2009
川端茂徳 富澤將司 四宮謙一 大川淳	術中脊髄モニタリングの有効性	臨床脳波	51巻5号	Page263-269	2009
大川淳 四宮謙一	頰椎後縦靱帯骨化症による脊髄症の観血的治療	整形外科	61巻3号		2010 in press
松山幸弘、四宮謙一、安藤宗治、川端茂徳、小島崇紀、斎藤貴徳、滝徳宗、谷口慎一郎、山本直也、里見和彦、伊藤全哉、谷俊一	術中脊髄モニタリングの実態、特に麻痺例を中心に - 脊椎脊髄病学会モニタリング委員会による多施設調査 -	脊髄機能診断学	V01. 31 No. 1	70-76	2009
松永俊二	特集『頰椎後縦靱帯骨化症 (OPLL) の病態と治療』OPLLの疫学・病因について	Clinical Calcium	19(10)	11415-11420	2009
富永博之、前田真吾	Vocabulary C/EBP・	整形外科	60(7)	656	2009
井尻幸成、山元拓哉、小宮節郎	脊椎・脊髄疾患におけるエコーの有用性	関節外科	28(8)	970-974	2009
今城靖明、加藤圭彦、寒竹司、鈴木秀典、田口敏彦	近位型頰椎症性筋委縮症の病態と予後 - 電気生理学的手法を用いて -	中部整災誌	52	1231-1232	2009
加藤圭彦、片岡秀雄、寒竹司、今城靖明、市原和彦、田口敏彦	有限要素法を用いた脊髄の運動速度が脊髄障害におよぼす影響の力学解析	中部整災誌	52	159-160	2009
今城靖明、加藤圭彦、田口敏彦	近位型頰椎症性筋委縮の電気診断	脊椎脊髄ジャーナル	22(10)	1111-1115	2009
田中直、横山徹、佐藤隆弘、小野睦、沼沢拓也、和田簡一郎、藤哲	頰胸椎後方除圧術後に骨化進展により症状の増悪を来した胸椎後縦靱帯骨化症の1例	東北整災誌	53(1)	151-153	2009
竹下克志	OPLLの症候群	CLINICAL CALC IUM	19(10)	17-20	2009
藤原奈佳子、竹下克志	OPLL患者のQOL	CLINICAL CALC IUM	19(10)	17-20	2009
芳賀信彦	骨系統疾患における診断の基本	整形外科	60 (10)	1109-1113	2009

芳賀信彦	骨系統疾患に対するマネージメントと国内の協力体制	日整会誌	83	793-796	2009
水尾大志、坂本二郎、岡山忠樹、村上英樹、川原範夫、富田勝郎	脊髄除圧手術における脊髄の応用解析	臨床バイオメカニクス	30	197-201	2009
片桐岳信	FOP（進行性骨化性線維異形成症）	Arthritis	印刷中		2010
片桐岳信	進行性骨化性線維異形成症（FOP）の発症メカニズムの解明と治療法	日本未熟児新生児学会雑誌	印刷中		2010
片桐岳信	進行性骨化性線維異形成症（FOP）の発症メカニズム	Clin Neurosci	印刷中		2010
細野昇、牧野孝洋、向井克容、坂浦博伸、三輪俊格、富士武史、吉川秀樹	頸髄症に対する徐圧24時間後の手指運動機能は神経学的改善度の予後因子となる	臨床整形外科	44	43-48	2009
岩崎幹季、奥田真也、坂浦博伸ほか	頸椎OPLLに対する前方アプローチの成績と問題点	Clinical Calcium	19	82-88	2009
長本行隆、岩崎幹季、坂浦博伸ほか	圧迫性頸髄症に脊髄サルコイドーシスを合併した1例	中部整災誌	52	1095-1096	2009
坂浦博伸、細野昇、向井克容ほか	頸椎椎弓形成術において軸椎下深層伸筋温存は重要か？	日本脊椎脊髄病学会雑誌	20	69	2009
長本行隆、坂浦博伸、岩崎幹季ほか	生体内三次元計測による頸椎疾患の新たな動態評価法の構築	日整会誌	83	S1231	2009
川口善治、関庄二、浅沼由美子、木村友厚	脊椎靭帯骨化症患者における全脊椎骨化巣の評価と脊椎の骨化領域が手術成績に与える影響についての検討	中部整災誌	52巻	1253-4	2009
高見正成、山田宏吉田宗人、中川幸洋、南出晃人	連続型頸胸椎後縦靭帯骨化症に対する posterior expansive cervico-thoracic laminoplastyの適応と限界	臨床整形外科	44 (7)	693-698	2009
木岡雅彦、南出晃人、中川幸洋、山田宏、橋爪洋、吉田宗人	当科における頸椎後縦靭帯骨化症に対する頸椎椎弓形成術の臨床成績	中部日本整形外科災害外科学会雑誌	52	903-904	2009

林浩一, 橋本将行, 国府田正雄, 大河昭彦, 山崎正志	ラット脊髄損傷に対するシロスタゾール投与の有用性の検討	日脊障医誌	22	128-129	2009
川辺純子, 国府田正雄, 橋本将行, 大河昭彦, 山崎正志	ラット脊髄圧挫損傷慢性期における細胞外マトリックス分解促進によるグリア療痕抑制効果	日脊障医誌	22	130-131	2009
古矢丈雄, 橋本将行, 国府田正雄, 松瀬大, 大河昭彦, 山崎正志	ラット脊髄圧挫損傷モデルにおけるbFGF徐放ゼラチンハイドロゲル移植の検討	日脊障医誌	22	132-133	2009
山崎正志	脊柱後弯症の病態と治療-胸椎後縦靭帯骨化症と後弯: 胸椎後縦靭帯骨化症に対する後方除圧固定術, 後弯矯正および脊髄症状改善の機序を中心に	脊椎脊髄	22	679-686	2009
山崎正志	特集: 後縦靭帯骨化症(OPLL)の病態と治療「胸椎OPLLに対する手術法の成績と問題点」	CLINICAL CALCIUM	19	95-100	2009
谷 俊一, 谷口慎一郎, 牛田享宏, 池本竜則, 田所伸朗	術中モニタリング 脊髄誘発電位による脊髄伝導ブロックの部位診断法	臨床神経生理学	37 (2)	60-71	2009
榎 勇人, 谷 俊一, 石田健司, 谷口慎一郎, 武政龍一, 永野靖典	圧迫性脊髄症の瘳性歩行評価の検討-歩行開始時の足の出にくさ (Initial clumsiness) の評価-	西日本脊椎研究会誌	35 (1)	12-16	2009
田所伸朗, 池本竜則, 谷口慎一郎, 武政龍一, 永野靖典, 谷 俊一	圧迫性頸髄症における脊髄下行路の障害高位診断-下行性脊髄誘発電位の単極導出法と波形解析-	西日本脊椎研究会誌	35 (1)	38	2009
永野靖典, 谷口慎一郎, 池本竜則, 谷 俊一, 石田健司	頸部脊髄症におけるADL評価法の比較~JOACMEQ vs JOA score~	西日本脊椎研究会誌	35 (1)	67-70	2009
谷口慎一郎, 谷 俊一, 牛田享宏, 永野靖典, 田所伸朗	術前経皮的脊髄誘発電位検査に基づいたselective laminoplastyの術後短期成績	中部日本整形外科災害外科学会雑誌	52 (5)	1263-1264	2009

田所伸朗, 池本竜則, 牛田享宏, 谷口慎一郎, 池内昌彦, 谷 俊一	圧迫性頸髄症における脊髄下行路の障害高位診断	脊髄機能診断学	31 (1)	40-45	2010
谷口慎一郎, 谷俊一, 牛田享宏, 永野靖典, 池本竜則, 田所伸朗	圧迫性頸髄症に対する脊髄誘発電位による機能診断	臨床脳波	52 (2)	85-94	2010
竹下克志, 中村耕三	脊柱靭帯骨化症—厚生労働省班研究・ガイドラインを中心に—	日整会誌	84	22-27	2010
竹下克志, 中村耕三	脊柱靭帯骨化症	総合リハビリテーション	37(6)	501-504	2009

