

Aramomi M, Masaki M, Koshizuka S, Kadota R, Okawa A, Kodama M, Yamazaki M	Anterior pedicle screw fixation for multilevel cervical corpectomy and spinal fusion: technical note.	Acta Neurochir (Wien)	150	575-582	2008
Yu PB, Deng DY, Lai CS, Hong CC, Cuny GD, Bouxsein ML, Hwang DW, McManus PM, Katagiri T, Sachidanandan C, Kamiya N, Fukuda T, Mishina Y, Peterson RT, and Bloch KD.	BMP type I receptor inhibition prevents ectopic ossification in a mouse model of fibrodysplasia ossificans progressiva.	Nature Med	14(12)	1363-1369	2008
片桐岳信、高橋直之	BMPシグナルと骨疾患.	骨粗鬆症治療	7	98-101	2008
Suzuki O, Imaizumi H, Kamakura S, and Katagiri T.	Bone regeneration by synthetic octacalcium phosphate and its role in biological mineralization	Curr Med Chem	15	267-272	2008
Koda M, Someya Y, Nishio Y, Kadota R, Mannoji C, Miyashita T, Okawa A, Murata A, Yamazaki M	Brain-derived neurotrophic factor suppresses anoikis-induced death of Schwann cells	Neurosci Lett	444	143-147	2008
坂浦博伸、細野昇、向井克容、大島和也、岩崎幹季、吉川秀樹	C6, C7項牽帶付着部温存は椎弓形成術後の前彎維持に有効である。	臨床整形外科	43(3)	253-258	2008
Yayama T, Kobayashi S, Sato R, Uchida K, Kokubo Y, Nakajima H, Takamura T, Mwaka E, Orwotto N, Baba H.	Calcium pyrophosphate crystal deposition in the ligamentum flavum of degenerated lumbar spine:histopathological and immunohistological findings.	Clin Rheumatol	27	597-604	2008
岩崎幹季、奥田真也、坂浦博伸、大島和也、吉川秀樹	Cobb角50° 以上の腰椎変性側彎症に対する手術成績-術式選択と固定範囲に関する考察-.	臨床整形外科	43(8)	779-787	2008
Kimura H, Kwan KM, Zhang Z, Deng JM, Arnay BG, Behringer RR, Nakamura T, de Crombrugghe B, Akiyama H.	Cthrc1 is a positive regulator of osteoblastic bone formation	PloS ONE	3(9)	e3174	2008
Ohta Y, Nakagawa K, Imai Y, Katagiri T, Koike T, and Takeoka K.	Cyclic AMP enhances Smad-mediated BMP signaling through PKA-CREB pathway.	J Bone Miner Metab	26(5)	478-484	2008

Tomizawa S, Kawabata S, Komori H, Hoshino, Fukuoka Y, Shinomiya K.	Evaluation of segmental spinal cord evoked magnetic fields after sciatic nerve stimulation.	Clinical Neurop hysiology	119(5)	1111-8.	2008
片桐岳信	Fibrodysplasia ossificans progressiva (FOP) と BMP情報伝達異常の up to date.	リウマチ科	40	175-180	2008
片桐岳信	FOP (進行性骨化性線維異形成症) と BMP.	臨床整形外科	43	1098-1101	2008
Uchida K, Nakajima H, Takamura T, Furukawa S, Kobayashi S, Yayama T, Baba H.	Gene expression profiles of neurotrophic factors in rat cultured spinal cord cells under cyclic tensile stress.	Spine	33(24)	2596-2604	2008
Fukui M, Chiba K, Kawakami M, Kikuchi S, Konno S, Miyamoto M, et al.	Japanese Orthopaedic Association Back Pain Evaluation Questionnaire. Part 3. Validity study and establishment of the measurement scale : Subcommittee on Low Back Pain and Cervical Myelopathy Evaluation of the Clinical Outcome Committee of the Japanese Orthopaedic Association, Japan.	J Orthop Sci.	13(3)	173-9	2008
Fukui M, Chiba K, Kawakami M, Kikuchi S, Konno S, Miyamoto M, et al.	Japanese Orthopaedic Association Cervical Myelopathy Evaluation Questionnaire (JOACMEQ): part 4. Establishment of equations for severity scores. Subcommittee on low back pain and cervical myelopathy, evaluation of the clinical outcome committee of the Japanese Orthopaedic Association.	J Orthop Sci	13(1)	25-31	2008
Mizuno Y, Yagi K, Tokuzawa Y, Kaneko -Yatsuka Y, Suda T, Katagiri, T, Fukuda T, Maruyama M, Okuda A, Amemiya T, Kandoh Y, Tashiro H, and Okazaki Y.	miR-125b inhibits osteoblastic differentiation by down-regulation of cell proliferation.	Biochem Biophys Res Commun	368	267-272	2008
Takahashi M, Satomi K, et al	Neurological findings and operative results in cervical spondylotic myelopathy	日脊会誌	19(3)	516-519	2008

Matsunaga S, Koga H, Kawabata N, Kawa mura I, Otsuji M, Imakiire T, Komiya S	Ossification of the posterior longitudinal ligament in dizygotic twins with schizophrenia: a case report	Modern Rheumatology	18	277-280	2008
Taki N, Satoimi K, et al	Pathogenic level diagnosis of cervical myelopathy using spinal cord evoked Potentials	日脊会誌	19(3)	560-564	2008
Yasutsugu Yukawa, Fumihiiko Kato, Keigo Ito, Yumiko Horie, Tetsurou Hida, Masasaki Machino, Zenya Ito, Yukihiro Matsuyama,	Postoperative changes in spinal cord signal intensity in patients with cervical compression myelopathy: comparison between preoperative and postoperative magnetic resonance images.	J Neurosurg Spine	8	524-528	2008
Sakaura H, Hosono N, Mukai Y, Oshima K, Iwasaki M, Yoshi kawa H	Preservation of the nuchal ligament plays an important role in preventing unfavorable radiologic changes after laminoplasty.	J Spinal Disord Tech	21(5)	338-343	2008
Matsunaga, S., Nakamura, K., Seichi, A., Yokoyama, T., Toh, S., Ichimura, S., Satomi, K., Endo, K., Yamamoto, K., Kato, Y., Ito, T., Tokuhashi, Y., Uchida, K., Baba, H., Kawahara, N., Tomita, K., Matsuyama, Y., Ishiguro, N., Iwasaki, M., Yoshikawa, H., Yonenobu, K., Kawakami, M., Yoshida, M., Inoue, S., Tani, T., Kaneko, K., Taguchi, T., Imakiire, T., Komiya, S.	Radiographic Predictors for the Development of Myopathy in Patients With Ossification of the Posterior Longitudinal Ligament: A Multicenter Cohort Study.	Spine	33	2648-2650	2008
Kaplan FS, Xu M, Fieldman G, Brown M, Cho TJ, Choi IH, et al.	Response to "Mutations of the NOGGIN and of the activin A type I receptor genes in fibrodysplasia ossificans progressiva (FOP)" by Lucotte et al.	Genet Couns	19(3)	357-9; author reply 61-3	2008

Matsumoto M, Watanebe K, Tsuji T, Ishii K, Takaishi H, Nakamura M, Toyama Y, Chiba K	Risk factors for closure of lamina after open-door laminoplasty.	J Neurosurg Spine	9 (6)	530-537	2008
Aizawa T, Sato T, Oza wa H, Morozumi N, Matsumoto F, Sasaki H, Hoshikawa T, Kawahara C, Kokubun S, Itoi E	Sagittal alignment changes after thoracic laminectomy in adults.	J Neurosurg Spine	8	510-516	2008
Kaplan FS, Shen Q, Lounev V, Seemann P, Groppe J, Katagiri T, Pignolo RJ, and Shore EM.	Skeletal metamorphosis in fibrodysplasia ossificans progressiva (FOP).	J Bone Miner Metab	26 (6)	521-30	2008
Matsumoto M, Chiba K, Toyama Y, Takeshita K, Seichi A, Nakamura K, Arimizu J, Fujibayashi S, Hirabayashi S, Hirano T, Iwasaki M, Kaneko K, Kawaguchi Y, Ijiri K, Maeda T, Matsuyama Y, Mikami Y, Murakami H, Nagashima H, Nagata K, Nakahara S, Nohara Y, Oka S, Sakamoto K, Saruhashi Y, Sasao Y, Shimizu K, Taguchi T, Takahashi M, Tanaka Y, Tani T, Tokuhashi Y, Uchida K, Yamamoto K, Yamazaki M, Yokoyama T, Yoshida M, Nishiwaki Y	Surgical results and related factors for ossification of posterior longitudinal ligament of the thoracic spine: a multi-institutional retrospective study.	Spine	33 (9)	1034-1041	2008
Nakajima H, Uchida K, Kobayashi S, Inukai T, Yayama T, Satoh R, Mwaka E, Baba H.	Target muscles for retrograde gene delivery to specific spinal cord segments.	Neurosci Lett	435	1-6	2008
The International Clinical Consortium on FOP, (Katagiri T, contributing member).	The Medical Management of Fibrodysplasia Ossificans Progressiva: Current Treatment Considerations.	Clin Proc Intl Clin Consort FOP	3	1-82	2008

Kaneyama S, Doita M, Nishida K, Shimo mura T, Maeno K, Tamura Y, Kurosaka M, Yonenobu K	Thoracic myelopathy due to ossification of the yellow ligament in young baseball pitchers.	J Spinal Disord Tech	28	68-71	2008
Someya Y, Koda M, Dezawa M, Kadota T, Hashimoto M, Kamada T, Nishio Y, Kadota R, Mannoji C, Miyashita T, Okawa A, Yoshinaga K, Yamazaki M	Transplantation of bone marrow stromal cell-derived Schwann cell reduces cystic cavity, promotes axonal regeneration/sparing and functional recovery after contusion injury of adult rat spinal cord	J Neurosurg Spine	9	600-610,	2008
田所伸朗, 池本竜則, 坪屋英志, 谷口慎一郎, 谷俊一, 牛田享宏	より安全な脊椎脊髄手術を目指した経頭蓋電気刺激 脊髄記録モニタリング法の検討	西日本脊椎研究会誌	34(2)	134-138	2008
古矢丈雄, 橋本将行, 国府田正雄, 大河昭彦, 山崎正志	ラット脊髄圧挫損傷モデルにおける骨髓間質細胞(BMSC)移植とRhoキナーゼ阻害薬の併用による治療効果	日脊障医誌	21	106-107	2008
川辺純子, 国府田正雄, 門田領, 大河昭彦, 山崎正志	ラット脊髄圧挫損傷モデルにおける顆粒球コロニー刺激因子の血管系に対する作用	日脊障医誌	21	112-113	2008
池本竜則, 谷俊一, 谷口慎一郎, 牛田享宏, 井上真輔	圧迫性頸髄症における脊髄下行路の機能診断 下行性脊髄誘発電位の波形解析	脊髄機能診断学	29(1)	58-63	2008
相澤俊峰	黄色靭帯骨化による胸部脊髄症	整形外科	59	1277-1280	2008
永田見生	化膿性脊椎炎—診断と治療	マルホ整形外科セミナー放送内容集.	186	16-19	2008
高畑雅彦, 鎌邦芳, 伊東学, 小谷善久, 須藤英毅, 三浪明男	胸椎後縦靭帯骨化症に対する後方侵入前方除圧術の治療成績と成績不良因子に関する検討	臨床整形外科	43(3)	557-562	2008
山崎正志	胸椎後縦靭帯骨化症に対する治療方針	マルホ整形外科セミナー放送内容集	188	7月10日	2008
松山幸弘, 酒井義人, 片山良仁, 今釜史郎, 伊藤全哉, 若尾典充, 石黒直樹	胸椎後縦靭帯骨化症に対する間接的後方除圧矯正固定術 後成績は予測できる	臨床整形外科	43(6)	543-547	2008

松本守雄, 千葉一裕, 戸山芳昭, 竹下克志, 星地亜都司, 中村耕三, 有水淳, 藤林俊介, 平林茂, 平野徹, 岩崎幹季, 金岡恒治, 川口善治, 井尻幸成, 前田健, 松山幸弘, 三上靖夫, 村上英樹, 永島英樹, 永田見生, 中原進之介, 野原裕, 岡史朗, 阪本桂造, 猿橋康雄, 笹生豊, 清水克時, 田口敏彦, 高橋誠, 田中靖久, 谷俊一, 徳橋泰明, 内田研造, 山本謙吾, 山崎正志, 横山徹, 吉田宗人, 西脇祐司	胸椎後縦靭帯骨化症に対する手術成績に影響を与える因子の検討 多施設後ろ向き研究	臨床整形外科	43(6)	531-538	2008
築瀬誠、松山幸弘、成瀬隆裕	胸椎後縦靭帯骨化症の後方除圧矯正固定術後に麻痺をきたした症例の検討	日本脊椎インストゥルメンテーション学会誌	7(1)	75-78	2008
片桐岳信、福田亨、野島淳也、鹿又一洋、中村厚	骨形成におけるBMPシグナルとWntシグナルのクロストークの重要性。	Clin Calcium	18	194-201	2008
山崎正志	最新原著レビュー：胸椎後縦靭帯骨化症に対する術式別の手術成績、特に後方除圧固定術の適応について	整形外科	59	435-438,	2008
遠藤友規、山崎正志、大河昭彦、門田領、萬納寺誓人、宮下智大、川辺純子、林浩一、藤由崇之	三次元画像構築が可能であるフリーソフトの脊椎外科における有用性	日脊障医誌	21	124-125	2008
中道由香、築瀬誠、森基久子、三澤由美、橘成志、成瀬隆裕、渡井陽子、佐藤美穂子、石川貴子、松山幸弘	術後上肢麻痺症例における術中CMAP所見、脊髄機能診断学	脊髄機能診断学	29(1)	116-121	2008
片桐岳信	進行性骨化性線維異形成症(FOP)の病因と病態。	内分泌・糖尿病科	27	270-276	2008
片桐岳信	進行性骨化性線維異形成症(FOP)研究における最近の進歩。	難病と在宅ケア	13	55-58	2008
片桐岳信	進行性骨化性線維異形成症の病態と治療。	日本医事新報	4412	70-74	2008

永田見生	脊椎・脊髄疾患に対する薬物療法 脊椎感染症の薬物療法	脊椎脊髄ジャーナル	21	671-678	2008
松山幸弘, 酒井義人, 片山良仁, 伊藤全哉, 今釜史郎, 若尾典充, 石黒直樹	脊椎脊髄手術を安全に行うための脊髄モニタリング：全国脊髄モニタリング実態調査結果をふまえて	臨床脳波	50(7)	412-419	2008
松山幸弘、酒井義人、片山良仁、伊藤全哉、今釜史郎、石黒直樹	脊椎脊髄手術を安全に行うための脊髄モニタリング：特に経頭蓋電気刺激による複合筋電位について	整形・災害外科	51(3)	261-268	2008
山崎正志	特集：整形外科ナビゲーション支援手術「頸椎・胸椎手術における3次元実体模型の有用性、術前手術シミュレーションおよび術中ナビゲーション」	J MIOS	49	25-34	2008
藤由崇之, 山崎正志, 大河昭彦, 門田領, 萬納寺誓人, 宮下智大, 川辺純子, 林浩一	無症状の頸椎後縫靭帯骨化症例の検討	日脊障医誌	21	156-157	2008
藤原奈佳子、竹下克志、脊柱靭帯骨化症に関する調査研究班	頸椎疾患患者の医師-患者関係に及ぼす要因分析	社会医学研究	26(1)	41-52	2008
川端茂徳、大川淳、富澤将司、四宮謙一	【後縫靭帯骨化症(OPLL)の病態と治療】OPLLによる脊髄障害への電気生理学的アプローチ	Clin Calcium	19(10)	1435-1440	2009
山本 謙吾, 小坂泰一	【後縫靭帯骨化症(OPLL)の病態と治療】モデル動物を用いたOPLL病態解明へのアプローチ 特にIGF-1、レブチン、 β 2ARを中心としたシグナル伝達に注目して	Clin Calcium	19(10)	1462～1470	2009
川端茂徳、富澤将司、四宮謙一、大川淳	【脊髄モニタリング】術中脊髄モニタリングの有効性	臨床脳波	51(5)	263-269	2009
川端茂徳、四宮謙一、大川淳	【脳磁図で何がわかるか？】脊髄磁場計測と臨床応用	臨床検査	53(9)	1085-1089	2009
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.	107	19879-19884	2009

K Sakaki, S Kawabata, A Okawa Y Arai ^a , T Kato ^a , K Sakai, S Tomizawa ^a , I Torigoe ^a , M Tomori ^a , S Ishii, K Shinomiya	Alarm point of muscle evoked potentials after brain stimulation in intraoperative spinal cord monitoring	Clinical Neurop hysiology	120(5)	e179–e180	2009
Muraki S, Akune T, Oka H, Mabuchi A, Akune T, En-yo Y, Yoshida M, Saika A, Nakamura K, Kawaguchi H, Yoshimura N	Association of occupational activity with radiographic knee osteoarthritis and lumbar spondylosis in the elderly of population-based cohorts: the ROAD study.	Arthritis Care & Research	61	779–786	2009
Sato MM, Nashimoto M, Katagiri T, Yawaka Y and Tamura M.	Bone morphogenetic protein-2 down-regulates miR-206 expression by blocking its maturation process.	Biochem Biophys Res Commun	383	125–129	2009
Torigoe I, Sotome S, Tsuchiya A, Yoshii T, Mihara H, Sugata Y, Ichinose S, Okawa A, Shionomiya K	Bone regeneration with autologous plasma, bone marrow stromal cells and porous beta-tricalcium phosphate in non-human primates	Tissue Engineering	15(7)	1489–99.	2009
Mwaka ES, Yayama T, Uchida K, Kobayashi S, Kokubo Y, Nakajima H, Sato R, Orwotto NT, Baba H.	Calcium pyrophosphate dehydrate crystal deposition in the ligamentum flavum of the cervical spine: histopathological and immunohistochemical findings.	Clin Exp Rheumatol	27	430–438	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
Uchida K, Nakajima H, Sato R, Yayama T, Mwaka ES, Kobayashi S, Baba H	Cervical spondylotic myelopathy associated with kyphosis or sagittal sigmoid alignment: outcome after anterior or posterior decompression.	J Neurosurg Spine	11(5)	521–8	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.	Spinal Cord	48(5)	415–22	2009

Kishiya M, Furukawa K, Yokoyama T, Kudo H, Ono A, Numasawa T, 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)	361-6	2009
Fukuda T, Kohda M, Kanomata K, Nojima J, Nakamura A, Kamizono J, Noguchi Y, Iwakiri K, Kondo T, Kurose J, Endo K, Awakura T, Fukushi J, Nakashima Y, Chiyonobu T, Kawara A, Nishida Y, Wada I, Akita M, Komori T, Nakayama K, Nanba A, Maruki Y, Yoda T, Tomoda H, Yu PB, Shore EM, Kaplan FS, Miyazono K, Matsuoaka M, Ikebuchi K, Otake A, Oda H, Jimi E, Owan I, Okazaki Y, and Katagiri T.	Constitutively activated ALK-2 and increased Smad1/5 cooperatively induce BMP signaling in fibrodysplasia ossificans progressiva.	J Biol Chem	284	7149-7156	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 Neuropathologica	117	321-328	2009
Kanomata K, Kokubu S, Nojima J, Fukuda T and Katagiri T.	DRAGON, a GPI-anchored membrane protein, inhibits BMP signaling in C2C12 myoblasts.	Genes Cells	14(6)	695-702	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
Aiba A, Nakajima A, Okawa A, Koda M, Yamazaki M	Evidence of enhanced expression of osteopontin in spinal hyperostosis of the tway mouse	Spine	34	1644-1649	2009

彌山峰史、内田研造、馬場久敏	Failed back surgeryの原因と再手術手技、胸腰椎部における脊柱靭帯骨化症の手術と再手術	脊椎脊髄ジャーナル	22	845-850	2009
Kato Y, Kanchiku T, Imajo Y, Ichihara K, Kawano S, Hamanaka D, Yaji K, Taguchi T	Flexion model simulating spinal cord injury without radiographic 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
片桐岳信	FOP (進行性骨化性線維異形成症)	Arthritis	7	158-163	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	1185-1191	2009
Okawa A, Sakai K, Hirai T, Kato T, Tomizawa S, Kawabata S, Takahashi M, Shinomiy a K	Hyperlordosis of the Cervical Spine is a Risk Factor for Reconstruction Failure of 3-level or Greater Anterior Cervical Decompression and Anterior Plate FixationFusion	日本脊椎脊髄病学会誌	20 (3)	761-765	2009
Yukihiro Matsuyama, Yoshihito Sakai, Yoshitomo Katayama, Shiro Imagama, Zenya Ito, Norimitsu Wakao, Yasutsugu Yukawa, Keigo Ito, Mitsuhiro Kamiya, Tokumi Kanemura, Koji Satō, 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 ?	Eur Spine J	18 (7)	943-8	2009
Seichi A, Hoshino Y, Takeshita K, Chikuda H, Nakamura K.	Intraoperative ultrasonographic evaluation of posterior ecompression by laminoplasty in patients with cervical ossification of the posterior longitudinal ligament.	The journal of the Japanese society for spine surgery and related research.	30	617-619	2009

Miyamoto K, Ninomiya K, Sonoda KH, Miyuchi Y, Hoshi H, Iwasaki R, Miyamoto H, Yoshida S, Sato Y, Morioka H, Chiba K, Egashira K, Sud a T, Toyama Y, Miya moto T	MCP-1 expressed by osteoclasts stimulates osteoclastogenesis in an autocrine/paracrine manner.	Biochem Biophys Res Commun.	383(3)	373–377	2009
Kotani Y, Abumi K, Ito M, Sudo H, Takahata M, Ohshima S, Hojo Y, Minami A	Minimum 2-year outcome of cervical laminoplasty with deep extensor muscle-preserving approach: Impact on cervical spine motion and quality of life	Eur Spine J	18(5)	663–671	2009
Mizuno Y, Tokuzawa Y, Ninomiya Y, Yagi K, Yatsuka-Kanesaki Y, Suda T, Fukuda T, Katagiri T, Kon do Y, Amemiya T, Tashiro H, and Okazaki Y.	miR-210 promotes osteoblastic differentiation through inhibition of AcvR1b.	FEBS Lett	583	2263–2268	2009
藤原奈佳子、竹下克志	OPLL患者のQOL	Clin Calcium	19(10)	17–20	2009
Takahiro Naruse ¹⁾ , Makoto Yanase ²⁾ , Hiroshi Takahashi ³⁾ , Yumiko Horie ²⁾ , Masatsugu Ito ⁴⁾ , Tadashi Imai ⁴⁾ , Kenji Oguri ⁴⁾ and Yukihiko Matsuyama	Prediction of Clinical Results of Laminoplasty for Cervical Myelopathy Focusing on Spinal Cord Motion in Intraoperative Ultrasonography and Postoperative Magnetic Resonance Imaging	Spine	34(24)	2634–2641	2009
Yoshimura N, Muraki S, Oka H, Mabuchi A, En-yo Y, Yoshida M, Saika A, Suzuki T, Yoshida H, Kawaguchi H, Nakamura K, Akune T	Prevalence of knee osteoarthritis, lumbar spondylosis and osteoporosis in Japanese men and women: The Research on osteoarthritis/osteoporosis Against disability (ROAD).	J Bone Miner Metab	27	620–628	2009
Muraki S, Oka H, Mabuchi A, Akune T, En-yo Y, Yoshida M, Saika A, Suzuki T, Yoshida H, Ishibashi H, Yamamoto S, Nakamura K, Kawaguchi H, Yoshimura N	Prevalence of radiographic lumbar spondylosis and its association with low back pain in the elderly of population-based cohorts: the ROAD study.	Ann Rheum Dis,	68	1401–1406	2009

Kitoh H, Kaneko H, Ishiguro N.	Radiographic analysis of movements of the acetabulum and the femoral head after Salter innominate osteotomy.	J Pediatr Orthop	29	879-884	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
Nanno, K., Sugiyasu, K., Daimon, T., Yoshikawa, H., Miyai, A.	Synthetic alginate is a carrier of OP-1 for bone induction.	Clinical Orthopaedics and Related Research	467	3149-3155	2009
Shen Q, Little SC, Xu M, Haupt J, Ast C, Katagiri T, Mundlos S, Seemann P, Kaplansky FS, Mullins MC and Shore EM	The fibrodysplasia ossificans progressiva R206H ACVR1 mutation activates BMP-independent chondrogenesis and zebrafish embryo ventralization.	J Clin Invest	119	3462-3472	2009
Yamazaki M, Fukushima H, Shin M, Katagiri T, Takahashi T, and Jimi E.	TNF α represses BMP signaling by interfering with the DNA binding of Smads through the activation of NF- κ B.	J Biol Chem	284	35987-35995	2009
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
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)	2848-2857	2009
Yamazaki, M.	Updates of ossification of posterior longitudinal ligament. Clinical results and complication of surgery for thoracic myelopathy due to ossification of posterior longitudinal ligament.	Clin Calcium	19(10)	1499-504.	2009
Matsunaga, S	Updates on ossification of posterior longitudinal ligament. Epidemiology and pathogenesis of OPLL.	Clin Calcium	19(10)	1415-20	2009

Ikegawa, S	Updates on ossification of posterior longitudinal ligament. Genetic approach to the susceptibility genes for ossification of posterior longitudinal ligament of the spine (OPLL) and for its molecular pathogenesis.	Clin Calcium	19(10)	1457-61	2009
Seichi, A.	Updates on ossification of posterior longitudinal ligament. Image diagnosis of ossification of posterior longitudinal ligament and associated diseases.	Clin Calcium	19(10)	1426-34.	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)	1472-1479	2009
Iwasaki M, Sakaura H, Fujimori T, Yoshikawa H, Okuda S	Updates on ossification of posterior longitudinal ligament. Surgical outcome of anterior decompression and fusion for the ossification of posterior longitudinal ligament of the cervical spine : a comparison with laminoplasty	Clin Calcium	19(10)	1486-92.	2009
Takeshita, K	Updates on ossification of posterior longitudinal ligament. Symptoms in patients with ossification of posterior longitudinal ligament.	Clin Calcium	19(10)	1421-4	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
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

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
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
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一下行性脊髄誘発電位の単極導出法と波形解析ー	西日本脊椎研究会誌	35 (1)	38	2009
榎勇人, 谷俊一, 石田健司, 谷口慎一郎, 武政龍一, 永野靖典	圧迫性脊髄症の痙性歩行評価の検討ー歩行開始時の足の出にくさ (Initial clumsiness) の評価ー	西日本脊椎研究会誌	35 (1)	12-16	2009
佐藤哲朗、相澤俊峰	胸部脊髄症の現況	脊椎脊髄ジャーナル	22	136-141	2009
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
高橋雅人	頸髄症に対する上肢近位筋の術中モニタリング. 脊髄機能診断学	脊髄機能診断学	31 (1)	94-99	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	Clin Calcium	19	82-88	2009
荒瀧慎也、中原進之介、竹内一裕、高橋雅也	頸椎後縫靭帯骨化症に対するC2 dome laminectomyを併用した片開き式脊柱管拡大の手術成績	中国・四国整形外科学会雑誌	21(2)	395-399	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
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
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
友利正樹、川端茂徳、新井嘉容、加藤剛、富澤将司、坂井顕一郎、石井宣一、四宮謙一	術中経頭蓋電気刺激誘発筋電図(Br(E)-MsEP)における胸鎖乳突筋(SCM)筋電図の有用性の検討	脊髄機能診断学	30(1)	57	2009

松山幸弘、酒井義人、今釜史郎、伊藤全哉、若尾典充、石黒直樹、	術中脊髄モニタリング：その動向と難治性胸髄症への応用	脊椎脊髄ジャーナル	22(2)	149-156	2009
松山幸弘、四宮謙一、安藤宗治、川端茂徳、小島宗紀、滝徳宗、谷口慎一郎、山本直也、伊藤全哉、齋藤貴徳、里美和彦、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	31(1)	70-76	2009
松山幸弘、四宮謙一、安藤宗治、里見和彦、谷俊一、石黒直樹	術中脊髄モニタリングの実態とアラームポイント-脊椎脊髄病学会モニタリング委員会による多施設調査-	臨床脳波	51(5)	286-291	2009
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	22	30-32	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
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、後弯矯正および脊髓症状改善の機序を中心	脊椎脊髄	22	679-686	2009
高橋雅人	椎弓スペーサーを用いた頸椎片開き式脊柱管拡大術の術後頸肩腕痛およびADL障害	東日本整災誌	21	155-166	2009
加藤剛、大川淳、四宮謙一	当院における脊髄神経疾患に対する高気圧酸素療法	日本脊髄障害医学会雑誌	22(1)	168-169	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」	Clin Calcium	19	95-100	2009
岩崎牧子、四宮謙一、竹田秀	分子レベルからみた整形外科疾患(シリーズVII)後縦靭帯骨化症の骨化におけるRunxの役割	整形・災害外科	52(13)	1578-1579	2009
Fujiyoshi T, Yamazaki M, Okawa A, Kawabe J, Hayashi K, Endo T, Furuya T, Kodama 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	17	320-324	2010

Kato Y, Kanchiku T, Imajo Y, Kimura K, Ichihara K, Kawano S, Hamanaka D, Yaji K, Taguchi T	Biomechanical study of the effect of degree of static compression of the spinal cord in Ossification of the posterior longitudinal ligament	J Neurosurg Spine	12	301-305	2010
Shiro Imagama, Yukihiro Matsuyama, Noriaki Kawakami, Mitsuhiro Kamiya, Yasutsugu Yukawa, Tokumi Kanemura, Naoki Ishiguro, and Nagoya SpineGroup.	C5 Palsy After Cervical Laminoplasty: A Multicenter Study	J Bone Joint Surg Br	92-B(3)	393-400	2010
Hashimoto M, Mochizuki M, Aiba A, Okawa A, Hayashi K, Sakuma T, Takahashi H, Koda M, Takahashi K, Yamazaki M	C5 palsy following anterior decompression and spinal fusion for cervical degenerative diseases	Eur Spine J	19	1702-1710	2010
Fukuda T, Kokabu S, Ohte S, Sasanuma H, Kanomata K, Yoneyama K, Kato H, Akitaya M, Oda H, and Katagiri T	Canonical Wnts and BMPs cooperatively induce osteoblastic differentiation through a GSK3b-dependent but a b-catenin-independent mechanism.	Differentiation	80	46-52	2010
Minamide A, Yoshida M, Yamada H, Nakagawa Y, Maio K, Kawai M, Iwasaki H	Clinical outcome of microendoscopic decompression surgery for cervical myelopathy	Eur Spine J	19	487-493	2010
Yoshimura N, Muraki S, Oka H, Kawaguchi H, Nakamura K, Akune T	Cohort Profile: Research on osteoarthritis/osteoporosis Against Disability (ROAD) Study.	Int J Epidemiol	39	988-995	2010
Matsumoto M, Watanabe K, Ishii K, Tsujii T, Takaishi H, Nakamura M, Toyama Y, Chiba K, Imanishi Y, Kishi K, Kawana H	Complicated surgical resection of malignant tumors in the upper cervical spine after failed ion-beam radiation therapy.	Spine	35(11)	E505-509	2010
Katagiri T, Kamizono J, Nakashima Y, Kitoh H, Susami T and Haga N	Cytokines in bone disease s. BMP signaling and fibro dysplasia ossificans progressiva	Clin Calcium	20	1510-1517	2010

Nakashima Y, Haga N, Kitoh H, Kamizono J, Tozawa K, Katagiri T, Susami T, Fukushi J, Iwamoto Y.	Deformity of the great toe in fibrodysplasia ossificans progressiva.	J Orthop Sci	15	804-809	2010
Nojima J, Kanomata K, Takada Y, Fukuda T, Kokabu S, Ohte S, Takada T, Tsukui T, Yamamoto TS, Sasanuma H, Yoneyama K, Ueno N, Okazaki Y, Kamijo R, Yoda T, and Katagiri T	Dual roles of Smad proteins in the conversion from myoblasts to osteoblastic cells by bone morphogenetic proteins.	J Biol Chem	285	15577-15586	2010
Azuma Y, Kato Y, Taguchi T	Etiology of cervical myopathy induced by ossification of the posterior longitudinal ligament. Determining the responsible level of OPLL myopathy by correlating static compression and dynamic factors	J Spinal Disord Tech	23	166-169	2010
Katagiri T	Genetic basis for skeletal disease. Establishment of novel treatments for fibrodysplasia ossificans progressiva (FOP).	Clin Calcium	20	1204-1211	2010
Muraki S, Akune T, Oka H, Mabuchi A, Enyo Y, Yoshida M, Saika A, Suzuki T, Yoshida H, Ishibashi H, Tokimura F, Yamamoto S, Nakamura K, Kawaguchi H, Yoshimura N	Health-related quality of life with vertebral fracture, lumbar spondylosis and knee osteoarthritis in Japanese men: The ROAD Study.	Archives Osteoporos,	18	1227-1234	2010
Katagiri T	Heterotopic bone formation induced by bone morphogenetic protein signaling: fibrodysplasia ossificans progressiva.	J Oral Biosci	52	33-41	2010

Tokuzawa Y, Yagi K, Yamashita Y, Nakachi Y, Nikaido I, Bonno H, Ninomiya Y, Kaneko-Yatsuka Y, Akita M, Motegi H, Wakana S, Noda T, Sablitzky F, Arai S, Kurokawa R, Fukuda T, Katagiri T, Schonbach C, Suda T, Mizuno Y, and Okazaki Y	Id4, a new candidate gene for senile osteoporosis acts as a molecular switch promoting osteoblast differentiation.	PLoS Genet	6	E1001019	2010
Muraki S, Akune T, Oka H, En-yo Y, Yoshida M, Saika A, Suzuki T, Yoshida H, Ishibashi H, Tokimura F, Yamamoto S, Nakamura K, Kawaguchi H, Yoshimura N	Impact of knee and low back pain on health-related quality of life in Japanese women: The ROAD Study.	Mod Rheumatol	20	444-451	2010
Fujiyoshi T, Kubo T, Chan CC, Koda M, Okawa A, Takahashi K, Yamazaki M	Interferon gamma decreases chondroitin sulfate proteoglycan expression and enhances hindlimb function following spinal cord injury in mice	J Neurotrauma	27	2283-2294	2010
Makoto Yanase, Yukihiro Matsuyama, Kikuko Mori, Yuka Nakamichi, Takako Yano, Takahiro Naruse, Yoshihito Sakai, Shiro Imagama, Zenya Ito, Yasutsugu Yukawa, Mitsuhiro Kamiya, Keigo Ito, Tokumi Kanemura, Koji Satoh, Hisashi Iwata.	Intraoperative spinal cord monitoring of C5 palsy after cervical laminoplasty	J Spinal Disord Tech	23(3)	170-175	2010
Yamazaki M, Okawa A, Fujiyoshi T, Kawabe J, Furuya T, Kon T, Koda M	Intraoperative spinal subarachnoid hematoma in a patient with cervical ossification of the posterior longitudinal ligament	Spine	35	E359-E362	2010

Seichi A, Chikuda H, Kimura A, Takeshi K, Sugita S, Hoshino Y.	Intraoperative ultrasonographic evaluation of posterior decompression via laminoplasty in patients with cervical ossification of the posterior longitudinal ligament: correlation with 2-year follow-up results.	J Neurosurg Spine	13(1)	47-51	2010
Fukushima N, Hiraoka K, Shirachi I, Kojima M, Nagata K.	Isolation and characterization of a novel peptide, osteoblast activating peptide (OBAP), associated with osteoblast differentiation and bone formation.	Biochem Biophys Res Commun	400(1)	157-163	2010
Uchida K, Nakajima H, Hirai T, Yayama T, Chen KB, Kobayashi S, Roberts S, Johnson WE, Baba H.	Microarray analysis of expression of cell death-associated genes in rat spinal cord cells exposed to cyclic tensile stresses in vitro.	BMC Neurosci	11	84	2010
Ito Z, Sakamoto K, Shiro Imagama, Matsuyama Y, Zhang H, Hirano K, Ando K, Yamashita T, Ishiguro N, Kadomatsu K.	N-acetylglucosamine 6-O-sulfotransferase-1-deficient mice show better functional recovery after spinal cord injury.	J Neurosci	30(17)	5937-47	2010
Dai J, Kim OH, Cho TJ, Schmidt-Rimpler M, Tonoki H, Takikawa K, Haga N, Miyoshi K, Kitoh H, Yoo WJ, Choi IH, Song HR, Jin DK, Kim HT, Kamasaki H, Bianchi P, Grigelioniene G, Nampoothiri S, Minagawa M, Miyagawa S, Fukao T, Marcelis C, Jansweijer MC E, Hennekam RCM, Bedeschi F, Mustonen A, Jiang Q, Ohashi H, Furuichi T, Unger S, Zabel B, Lausch E, Superti-Furga A, Nishimura N, Ikegawa S.	Novel and recurrent <i>TRPV4</i> mutations and their association with distinct phenotypes within the <i>TRPV4</i> dysplasia family.	J Med Genet	47	704-709	2010

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	19	691-698	2010
Sakaura H, Hosono N, Mukai Y, Fujimori T, Iwasaki M, Yoshikawa H	Preservation of muscles attached to the C2 and C7 spinous processes rather than subaxial deep extensors reduces adverse effects after cervical laminoplasty.	Spine	35(16)	E782-786	2010
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	25(3)	653-660	2010
Nakajima H, Uchida K, Yayama T, Kobayashi S, Guerrero AR, Furukawa S, Baba H.	Targeted retrograde gene delivery of brain-derived neurotrophic factor suppresses apoptosis of neurons and oligodendroglia after spinal cord injury in rats.	Spine	35	497-504	2010
Saito T, Fukai A, Mabuchi A, Ikeda T, Yano F, Ohba S, Nishida N, Akune T, Yoshimura N, Nakagawa T, Nakamura K, Tokunaga K, Chung UI, and Kawaguchi H	Transcriptional regulation of endochondral ossification by HIF2A during skeletal growth and osteoarthritis development.	Nature Med	16	678-686	2010
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人工多能性幹(iPS)細胞由来astrocyte移植効果の検討	日脊障医誌	23	46-47	2010
彌山峰史、内田研造、中嶋秀明、馬場久敏	ワンポイントレクチャー 黄色韌帯の変性肥厚と各種病変 病理組織学的特徴を中心に	Journal of Spine Research	1	165-173	2010
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