

研究成果の刊行に関する一覧表

雑誌

発表者氏名	論文タイトル名	発表誌名	巻号	ページ	出版年
Sakashita K, Kotani T, Sakuma T, Iijima Y, Okuyama K, Akazawa T, Minami S, Ohtori S, Koda M, Yamazaki M.	Risk factors for vertebral bridging in residual adolescent idiopathic scoliosis with thoracolumbar/lumbar curves	J Orthop Sci	22	00301-3.	2022
Sato K, Kotani T, Sakuma T, Iijima Y, Asada T, Akazawa T, Minami S, Ohtori S, Koda M, Yamazaki M.	Prevalence of pleural injury in an extrapleural approach to adolescent idiopathic scoliosis and association of pleural injury with postoperative respiratory function	J Orthop Sci	S09492658 (22)	003220	2022
Lafitte MN, Kadone H, Kubota S, Shimizu Y, Tan CK, Koda M, Hada Y, Sankai Y, Suzuki K, Yamazaki M	Alteration of muscle activity during voluntary rehabilitation training with single-joint Hybrid Assistive Limb (HAL) in patients with shoulder elevation dysfunction from cervical origin.	Front Neurosci	16	817659.	2022
Noguchi H, Koda M, Funayama T, Takahashi H, Miura K, Yamazaki M	Progressive Kyphosis Deformity with Facet Subluxation after Cervical Expansive Laminoplasty: A Case Report	J Orthop Case Rep	12(4)	92-96	2022

Shimizu T, Suda K, Maki S, Koda M, Matsumoto Harmon S, Komatsu M, Ota M, Ushirozako H, Minami A, Takahata M, Iwasaki N, Takahashi H, Yamazaki M	Efficacy of a machine learning -based approach in predicting neurological prognosis of cervi cal spinal cord injury patients following urgent surgery withi n 24 h after injury	J Clin Neuros ci	S0967-5868 (22)	00445-3	2022
Noguchi H, Koda M, Abe T, Funayama T, Takahashi H, Miura K, Mataki K, Kono M, Eto F, Shibao Y, Yamazaki M	Spinal Epidural Lipoma on the Ventral Dura Side and Interv ertebral Foramen Causing Lum bar Radiculopathy.	Case Rep Ort hop	2022	7502552	2022
Sato K, Funayama T, Noguchi H, Asada T, Kono M, Eto F, Shibao Y, Miura K, Kikuchi N, Yoshioka T, Takahashi H, Koda M, Yamazaki M	Efficacy of platelet-rich plasma impregnation for unidirectiona l porous β -tricalcium phosphat e in lateral lumbar interbody f usion: study protocol for a pro spective controlled trial	Trials	23(1)	908	2022
Asada T, Miura K, Koda M, Kadone H, Funayama T, Takahashi H, Noguchi H, Shibao Y, Sato K, Eto F, Mataki K, Yamazaki M	Can Proximal Junctional Kyph osis after Surgery for Adult S pinal Deformity Be Predicted by Preoperative Dynamic Sagit tal Alignment Change with 3D Gait Analysis? A Case-Contr ol Study	J Clin Med	11(19)	5871	2022

Eto F, Inomata K, Sakashita K, Gamada H, Asada T, Sato K, Miura K, Noguchi H, Takahashi H, Funayama T, Koda M, Yamazaki M	Postoperative Changes in Resting State Functional Connectivity and Clinical Scores in Patients With Cervical Myelopathy	World Neurosurg	S1878-8750 (22)	01297-9	2022
Funayama T, Tatsumura M, Fujii K, Ikumi A, Okuwaki S, Shibao Y, Koda M, Yamazaki M	Therapeutic Effects of Conservative Treatment with 2-Week Bed Rest for Osteoporotic Vertebral Fractures: A Prospective Cohort Study. Tsukuba Spine Group.	J Bone Joint Surg Am	104(20)	1785-1795	2022
Noguchi H, Koda M, Funayama T, Takahashi H, Miura K, Eto F, Shibao Y, Sato K, Asada T, Yamazaki M	Surgical treatment for kyphotic deformity after anterior cervical fusion with a severely tortuous vertebral artery: a case report	J Surg Case Rep	2022(8)	rjac363	2022
Miura K, Kadone H, Asada T, Sakashita K, Sunami T, Koda M, Funayama T, Takahashi H, Noguchi H, Sato K, Eto F, Gamada H, Inomata K, Suzuki K, Yamazaki M	Evaluation of dynamic spinal alignment changes and compensation using three-dimensional gait motion analysis for dropped head syndrome	SpineJ	22(12)	1974-1982	2022
Asada T, Koda M, Teramura S, Sugita S, Matsuoka R, Yamazaki M	Cervical Myelopathy due to Odontoid Fracture Induced by Spinal Involvement of Xanthoma Disseminatum: A Case Report	JBJS Case Connect	12(3)		2022

Eto F, Takahashi H, Funayama T, Koda M, Yamazaki M	A Novel Technique for Occipitocervical Fusion with Triple Rod Connection to Prevent Implant Failure	Cureus	8;14(5)	e24821	2022
Funayama T, Noguchi H, Shibao Y, Sato K, Kumagai H, Miura K, Takahashi H, Tatsumura M, Koda M, Yamazaki M	Unidirectional porous beta-tricalcium phosphate as a potential bone regeneration material for infectious bony cavity without debridement in pyogenic spondylitis	J Artif Organs			2022
Yasunaga Y, Koizumi R, Toyoda T, Koda M, Mamizuka N, Sankai Y, Yamazaki M, Miura K	Biofeedback Physical Therapy With the Hybrid Assistive Limb (HAL) Lumbar Type for Chronic Low Back Pain: A Pilot Study	Cureus.	14(3)	e23475	2022
Nakayama K, Kotani T, Kimura H, Osaki M, Ichikawa Y, Sakuma T, Iijima Y, Sakashita K, Sunami T, Asada T, Sato K, Akazawa T, Kishida S, Sasaki Y, Inage K, Shiga Y, Minami S, Ohtori S, Koda M, Yamazaki M	The Optimal Anatomical Position and Threshold Temperature of a Temperature Data Logger for Brace-Wearing Compliance in Patients with Scoliosis	Spine Surg Related Res	6(2)	133-138	2021
Miura K, Koda M, Funayama T, Takahashi H, Noguchi H, Mataki K, Shibao Y, Sato K, Eto F, Kono M, Asada T, Yamazaki M	Surgical Apgar Score and Controlling Nutritional Status Score are significant predictors of major complications after cervical spine surgery	Sci Rep	12(1)	6605	2022

Mataki K, Hara Y, Okano E, Nagashima K, Noguchi H, Shibao Y, Miura K, Takahashi H, Funayama T, Koda M, Yamazaki M	Development of a quantitative method to evaluate pedicle screw loosening after spinal instrumentation using digital tomography	BMC Musculoskeletal Disord	23(1)	358	2022
Fujikawa T, Takahashi S, Shinohara N, Mashima N, Koda M, Takahashi H, Yasunaga Y, Sankai Y, Yamazaki M, Miura K	Early Postoperative Rehabilitation Using the Hybrid Assistive Limb (HAL) Lumbar Type in Patients With Hip Fracture: A Pilot Study	Cureus	14(2)	e22484	2022
Kubota S, Kadone H, Shimizu Y, Koda M, Noguchi H, Takahashi H, Watanabe H, Hada Y, Sankai Y, Yamazaki M	Development of a New Ankle Joint Hybrid Assistive Limb	Medicina (Kaunas)	58(3)	395	2022
Kubota S, Kadone H, Shimizu Y, Koda M, Takahashi H, Miura K, Eto F, Furuya T, Sankai Y, Yamazaki M.	Immediate effects of hybrid assistive limb gait training on lower limb function in a chronic myelopathy patient with postoperative late neurological deterioration	BMC Res Notes	15(1)	89	2022
Saotome K, Matsushita A, Eto F, Shimizu Y, Kubota S, Kadone H, Ikumi A, Marushima A, Masumoto T, Koda M, Takahashi H, Miura K, Matsumura A, Sankai Y, Yamazaki M	Functional magnetic resonance imaging of brain activity during hybrid assistive limb intervention in a chronic spinal cord injury patient with C4 quadriplegia	J Clin Neurosci	99	17-21	2022

Funayama T, Setojima Y, Shibao Y, Noguchi H, Miura K, Eto F, Sato K, Kono M, Asada T, Takahashi H, Tatsumura M, Koda M, Yamazaki M	A Case of Postoperative Recurrent Lumbar Disc Herniation Conservatively Treated with Novel Intradiscal Condoliase Injection	Case Rep Orthop	2022	3656753	2022
Okuwaki S, Funayama T, Ikumi A, Shibao Y, Miura K, Noguchi H, Takahashi H, Koda M, Tatsumura M, Kawamura H, Yamazaki M	Risk factors affecting vertebral collapse and kyphotic progression in postmenopausal osteoporotic vertebral fractures	J Bone Miner Metab	40(2)	301-307	2022
Funayama T, Tsukanishi T, Fujii K, Abe T, Shibao Y, Noguchi H, Miura K, Mataki K, Takahashi H, Koda M, Yamazaki M	Characteristic imaging findings predicting the risk of conservative treatment resistance in fresh osteoporotic vertebral fractures with poor prognostic features on magnetic resonance imaging	J Orthop Sci	27(2)	330-334	2022
Kubota S, Kadone H, Shimizu Y, Abe T, Makihara T, Kubo T, Watanabe H, Marushima A, Koda M, Hada Y, Yamazaki M	Shoulder training using shoulder assistive robot in a patient with shoulder elevation dysfunction: A case report.	J Orthop Sci	27(5)	1154-1158	2022

<p>Nagoshi N, Yoshii T, Egawa S, Sakai K, Kusano K, Tsutsui S, Hirai T, Matsukura Y, Wada K, Katsumi K, Koda M, Kimura A, Furuya T, Maki S, Nishida N, Nagamoto Y, Oshima Y, Ando K, Nakashima H, akahata M, Mori K, Nakajima H, Murata K, Miyagi M, Kaito T, Yamada K, Banno T, Kato S, Ohba T, Inami S, Fujibayashi S, Kato H, Kanno H, Watanabe K, Taneichi H, Imagama S, Kawaguchi Y, Takeshita K, Nakamura M, Matsumoto M, Yamazaki M, Okawa A.</p>	<p>Clinical Indicators of Surgical Outcomes After Laminoplasty for Patients With Cervical Ossification of the posterior Longitudinal Ligament:</p>	<p>A Prospective Multicenter Study</p>	<p>47(15)</p>	<p>10771083</p>	<p>2022</p>
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<p>Hirai T, Yoshii T, Hashimoto J, Ushio S, Mori K, Maki S, Katsumi K, Nagoshi N, Takeuchi K, Furuya T, Watanabe K, Nishida N, Nishimura S, Watanabe K, Kaito T, Kato S, Nagashima K, Koda M, Nakashima H, Imagama S, Murata K, Matsuoka Y, Wada K, Kimura A, Ohba T, Kato H, Watanabe M, Matsuyama Y, Ozawa H, Haro H, Takeshita K, Matsumoto M, Nakamura M, Egawa S, Matsukura Y, Inose H, Okawa A, Yamazaki M, Kawaguchi Y</p>	<p>Clinical Characteristics of Patients with Ossification of the Posterior Longitudinal Ligament and a High OP Index: A Multi-center Cross-Sectional Study (JOSL Study)</p>	<p>J Clin Med</p>	<p>11(13)</p>	<p>3694</p>	<p>2022</p>
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<p>Mori K, Yoshii T, Egawa S, Sakai K, Kusano K, Tsutsui S, Hirai T, Matsukura Y, Wada K, Katsumi K, Koda M, Kimura A, Furuya T, Maki S, Nagoshi N, Nishida N, Nagamoto Y, Oshima Y, Ando K, Nakashima H, Takahata M, Nakajima H, Murata K, Miyagi M, Kaito T, Yamada K, Banno T, Kato S, Ohba T, Inami S, Fujibayashi S, Kato H, Kanno H, Taneichi H, Imagama S, Kawaguchi Y, Takeshita K, Matsumoto M, Yamazaki M, Okawa A</p>	<p>Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study</p>	<p>Sci Rep</p>	<p>12(1)</p>	<p>8884</p>	<p>2022</p>
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<p>Inoue T, Maki S, Yoshii T, Furuya T, Egawa S, Sakai K, Kusano K, Nakagawa Y, Hirai T, Wada K, Katsumi K, Fujii K, Kimura A, Nagoshi N, Kanchiku T, Nagamoto Y, Oshima Y, Ando K, Takahata M, Mori K, Nakajima H, Murata K, Matsunaga S, Kaito T, Yamada K, Kobayashi S, Kato S, Ohba T, Inami S, Fujibayashi S, Katoh H, Kanno H, Imagama S, Koda M, Kawaguchi Y, Takeshita K, Matsumoto M, htori S, Yamazaki M, Okawa A</p>	<p>Is anterior decompression and fusion more beneficial than laminoplasty for K-line (+) cervical ossification of the posterior longitudinal ligament? An analysis using propensity score matching.; Japanese Multicenter Research Organization for Ossification of the Spinal Ligament</p>	<p>J Neurosurg Spine</p>		<p>1-8</p>	<p>2022</p>
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<p>Nakashima H, Imagama S, Yoshii T, Egawa S, Sakai K, Kusano K, Nakagawa Y, Hirai T, Wada K, Katsumi K, Fujii K, Kimura A, Furuya T, Kanchiku T, Nagamoto Y, Oshima Y, Nagoshi N, Ando K, Takahata M, Mori K, Nakajima H, Murata K, Matsunaga S, Kaito T, Yamada K, Kobayashi S, Kato S, Ohba T, Inami S, Fujibayashi S, Kato H, Kanno H, Li Y, Yatsuya H, Koda M, Kawaguchi Y, Takeshita K, Matsumoto M, Yamazaki M, Okawa A</p>	<p>Comparison of laminoplasty and posterior fusion surgery for cervical ossification of posterior longitudinal ligament.; Japanese Multicenter Research Organization for Ossification of the Spinal Ligament</p>	<p>Sci Rep</p>	<p>12(1)</p>	<p>748</p>	<p>2022</p>
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Mori K, Yoshii T, Hirai T, Maki S, Katsumi K, Nagoshi N, Nishimura S, Takeuchi K, Ushio S, Furuya T, Watanabe K, Nishida N, Watanabe K, Kaito T, Kato S, Nagashima K, Koda M, Ito K, Imagama S, Matsuoka Y, Wada K, Kimura A, Ohba T, Kato H, Matsuyama Y, Ozawa H, Haro H, Takeshita K, Watanabe M, Matsumoto M, Nakamura M, Yamazaki M, Okawa A, Kawaguchi Y	The characteristics of the young patients with cervical ossification of the posterior longitudinal ligament of the spine: A multicenter cross-sectional study.	J Orthop Sci	27(4)	760-766	2021
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Maki S, Furuya T, Yoshii T, Egawa S, Sakai K, Kusano K, Nakagawa Y, Hirai T, Wada K, Katsumi K, Fujii K, Kimura A, Nagoshi N, Kanchiku T, Nagamoto Y, Oshima Y, Ando K, Takahata M, Mori K, Nakajima H, Murata K, Matsunaga S, Kaito T, Yamada K, Kobayashi S, Kato S, Ohba T, Inami S, Fujibayashi S, Kato H, Kanno H, Imagama S, Koda M, Kawaguchi Y, Takeshita K, atsumoto M, Ohtori S, Yamazaki M, Okawa A	Machine Learning Approach in Predicting Clinically Significant Improvements After Surgery in Patients with Cervical Ossification of the Posterior Longitudinal Ligament	Spine (Phila Pa 1976)	46(24)	1683-1689	2021
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<p>Hirai T, Yoshii T, Egawa S, Sakai K, Kusano K, Nakagawa Y, Wada K, Katsumi K, Fujii K, Kimura A, Furuya T, Nagoshi N, Kanchiku T, Nagamoto Y, Oshima Y, Ando K, Takahata M, Mori K, Nakajima H, Murata K, Matsunaga S, Kaito T, Yamada K, Kobayashi S, Kato S, Ohba T, Inami S, Fujibayashi S, Kato H, Kanno H, Imagama S, Koda M, Kawaguchi Y, Takeshita K, Matsumoto M, Yamazaki M, Okawa A</p>	<p>Severity of Myelopathy is Closely Associated With Advanced Age and Signal Intensity Change in Cervical Ossification of the Posterior Longitudinal Ligament: A Prospective Nationwide Investigation</p>	<p>Clin Spine Surg</p>	<p>35(1)</p>	<p>E155-E161</p>	<p>2022</p>
<p>Morishita S, Yoshii T, Inose H, Hirai T, Yuasa M, Matsukura Y, Ogawa T, Fushimi K, Okawa A, Fujiwara T.</p>	<p>Comparison of perioperative complications in anterior decompression with fusion and posterior decompression with fusion for thoracic ossification of the posterior longitudinal ligament - a retrospective cohort study using a nationwide inpatient database.</p>	<p>J Orthop Sci.</p>	<p>May;27(3)</p>	<p>600-605</p>	<p>2022</p>
<p>Sakai K, Yoshii T, Arai Y, Hirai T, Torigoe I, Inose H, Tomori M, Sakaki K, Matsukura Y, Okawa A.</p>	<p>Impact of preoperative cervical sagittal alignment for cervical myelopathy caused by ossification of the posterior longitudinal ligament on surgical treatment.</p>	<p>J Orthop Sci.</p>	<p>Nov;27(6)</p>	<p>1208-1214</p>	<p>2022</p>

<p>Ogawa T, Yoshii T, Oyama J, Sugimura N, Akada T, Sugino T, Hashimoto M, Morishita S, Takahashi T, Motoyoshi T, Oyaizu T, Yamada T, Onuma H, Hirai T, Inose H, Nakajima Y, Okawa A.</p>	<p>Detecting ossification of the posterior longitudinal ligament on plain radiographs using a deep convolutional neural network: a pilot study.</p>	<p>Spine J</p>	<p>Jun;22(6)</p>	<p>934-940</p>	<p>2022</p>
<p>Mori K, Yoshii T, Egawa S, Sakai K, Kusano K, Tsutsui S, Hirai T, Matsukura Y, Wada K, Katsumi K, Koda M, Kimura A, Furuya T, Maki S, Nagoshi N, Nishida N, Nagamoto Y, Oshima Y, Ando K, Nakashima H, Takahata M, Nakajima H, Murata K, Miyagi M, Kaito T, Yamada K, Banno T, Kato S, Ohba T, Inami S, Fujibayashi S, Katoh H, Kanno H, Taneichi H, Imagama S, Kawaguchi Y, Takeshita K, Matsumoto M, Yamazaki M, Okawa A.</p>	<p>Impact of obesity on cervical ossification of the posterior longitudinal ligament: a nationwide prospective study.</p>	<p>Sci Rep.</p>	<p>May 25;12 (1)</p>	<p>8884</p>	<p>2022</p>

Morishita S, Yoshii T, Inose H, Hirai T, Matsukura Y, Ogawa T, Fushimi K, Katayanagi J, Jinno T, Okawa A.	Perioperative Complications of Anterior Decompression with Fusion in Degenerative Cervical Myelopathy-A Comparative Study between Ossification of Posterior Longitudinal Ligament and Cervical Spondylotic Myelopathy Using a Nationwide Inpatient Database.	J Clin Med.	Jun 13;11(12)	3398	2022
Sakai K, Yoshii T, Arai Y, Hirai T, Torigoe I, Inose H, Tomori M, Sakaki K, Yuasa M, Yamada T, Matsukura Y, Oyaizu T, Morishita S, Okawa A.	A comparative study of surgical outcomes between anterior cervical discectomy with fusion and selective laminoplasty for cervical spondylotic myelopathy.	J Orthop Sci.	Nov;27(6)	1228-1233	2022
Yoshizawa A, Nakagawa K, Yoshimi K, Hashimoto M, Aritaki K, Ishii M, Yamaguchi K, Nakane A, Kawabata A, Hirai T, Yoshii T, Ikeda M, Okawa A, Tohara H.	Analysis of swallowing function after anterior/posterior surgery for cervical degenerative disorders and factors related to the occurrence of postoperative dysphagia.	Spine J.	Dec 17	S1529-9430(22)01073-7	2022

<p>Yamamoto T, Okada E, Michikawa T, Yoshii T, Yamada T, Watanabe K, Katsumi K, Hiyama A, Watanabe M, Nakagawa Y, Okada M, Endo T, Shiraishi Y, Takeuchi K, Matsunaga S, Maruo K, Sakai K, Kobayashi S, Ohba T, Wada K, Ohya J, Mori K, Tsushima M, Nishimura H, Tsuji T, Koda M, Okawa A, Yamazaki M, Matsumoto M, Watanabe K.</p>	<p>The impact of diabetes mellitus on spinal fracture with diffuse idiopathic skeletal hyperostosis: A multicenter retrospective study.</p>	<p>J Orthop Sci.</p>	<p>27(3)</p>	<p>582-587</p>	<p>2022</p>
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<p>Nagoshi N, Yoshii T, Egawa S, Sakai K, Kusano K, Tsutsui S, Hirai T, Matsukura Y, ada K, Katsumi K, Koda M, Kimura A, Furuya T, Maki S, Nishida N, Nagamoto Y, Oshima Y, Ando K, Nakashima H, Takahata M, Mori K, Nakajima H, Murata K, Miyagi M, Kaito T, Yamada K, Banno T, Kato S, Ohba T, Inami S, Fujibayashi S, Kato H, Kanno H, Watanabe K, Taneichi H, Imagama S, Kawaguchi Y, Takeshita K, Nakamura M, Matsumoto M, Yamazaki M, Okawa A</p>	<p>Clinical Indicators of Surgical Outcomes after Laminoplasty for Patients With Cervical Ossification of the Posterior Longitudinal Ligament: A Prospective Multicenter Study.</p>	<p>Spine</p>	<p>47(15)</p>	<p>1077-1083</p>	<p>2022</p>
<p>Tung NTC, Yahara Y, Yasuda T, Seki S, Suzuki K, Watanabe K, Makino H, Kamei K, Mori K, Kawaguchi Y.</p>	<p>Morphological characteristics of DISH in patients with OPLL and its association with high-sensitivity CRP: inflammatory DISH.</p>	<p>Rheumatology</p>	<p>61</p>	<p>3981–3988</p>	<p>2022</p>

Tung NTC, Yahara Y, Yasuda T, Seki S, Suzuki K, Watanabe K, Makino H, Kamei K, Mori K, Kawaguchi Y.	Association of inflammation, ectopic bone formation, and sacroiliac joint variation in ossification of the posterior longitudinal ligament	J Clinical Medicine	11		2022
Kawaguchi Y, Kitajima I, Yasuda T, Seki S, Suzuki K, Makino H, Ujihara Y, Ueno T, Canh Tung NT, Yahara Y.	Serum Periostin Level Reflects Progression of Ossification of the Posterior Longitudinal Ligament.	J Bone Joint Surg, Am open access	7	e21.00111	2022
Yoshida G, Ushirozako H, Imagama S, Kobayashi K, Ando K, Ando M, Kawabata S, Yamada K, Kanchiku T, Fujiwara Y, Taniguchi S, Iwasaki H, Shigematsu H, Takatani T, Tadokoro N, Takahashi M, Wada K, Yamamoto N, Funaba M, Yasuda A, Hashimoto J, Morito S, Tani T, Matsuyama Y.	Ranscranial Motor-evoked Potential Alert After Supine-to-Prone Position Change During Thoracic Ossification in Posterior Longitudinal Ligament Surgery: A Prospective Multicenter Study of the Monitoring Committee of the Japanese Society for Spine Surgery and Related Research.	SPINE	Jul 15;47(14)	1018-1026	2022

Yoshida G, Ushirozako H, Hasegawa T, Yamato Y, Yasuda T, Banno T, Arima H, Oe S, Mihara Y, Yamada T, Ide K, Watanabe Y, Ushio T, Matsuyama Y.	Selective Angiography to Detect Anterior Spinal Artery Stenosis in Thoracic Ossification of the Posterior Longitudinal Ligament.	Asian Spine Journal	Jun;16(3)	334-342	2022
Shigematsu H, Yoshida G, Morito S, Funaba M, Tadokoro N, Machino M, Kobayashi K, Ando M, Kawabata S, Yamada K, Kanchiku T, Fujiwara Y, Taniguchi S, Iwasaki H, Takahashi M, Wada K, Yamamoto N, Yasuda A, Ushirozako H, Hashimoto J, Ando K, Matsuyama Y, Imagama S.	urrent Trends in Intraoperative Spinal Cord Monitoring: A Survey Analysis among Japanese Expert Spine Surgeons.	Spine Surg Relat Res	Oct 13;7(1)	26-35	2022

<p>Funaba M, Kanchiku T, Kobayashi K, Yoshida G, Machino M, Yamada K, Shigematsu H, Tadokoro N, Ushirozako H, Takahashi M, Yamamoto N, Morito S, Kawabata S, Fujiwara Y, Ando M, Taniguchi S, Iwasaki H, Wada K, Yasuda A, Hashimoto J, Takatani T, Ando K, Matsuyama Y, Imagama S.</p>	<p>The Utility of Transcranial Stimulated Motor-Evoked Potential Alerts in Cervical Spine Surgery Varies Based on Preoperative Motor Status.</p>	<p>SPINE</p>	<p>Dec 1;47(23)</p>	<p>1659-1668</p>	<p>2022</p>
<p>Wada K, Imagama S, Matsuyama Y, Yoshida G, Ando K, Kobayashi K, Machino M, Kawabata S, Iwasaki H, Funaba M, Kanchiku T, Yamada K, Fujiwara Y, Shigematsu H, Taniguchi S, Ando M, Takahashi M, Ushirozako H, Tadokoro N, Morito S, Yamamoto N, Yasuda A, Hashimoto J, Takatani T, Tani T, Kumagai G, Asari T, Nitobe Y, Ishibashi Y.</p>	<p>Comparison of intraoperative neuromonitoring accuracies and procedures associated with alarms in anterior versus posterior fusion for cervical spinal disorders: A prospective multi-institutional cohort study.</p>	<p>Medicine</p>	<p>Dec 9;101(49)</p>	<p>e31846</p>	<p>2022</p>

Eto T, Aizawa T, Kanno H, Hashimoto K, Itoi E, Ozawa H.	Several pathologies cause delayed postoperative paralysis following posterior decompression and spinal fusion for thoracic myelopathy caused by ossification of the posterior longitudinal ligament.	J Orthop Sci.	27(3)	725-733	2022
Hashimoto K, Takahashi K, Onoki T, Kanno H, Morozumi N, Yamazaki S, Yahata K, Aizawa T.	Destructive Spondyloarthropathy due to Congenital Insensitivity to Pain with Anhidrosis: A Case Report of Long-Term Follow-Up.	Tohoku J Exp Med.	258(2)	91-95	2022
Kanno H, Handa K, Murakami T, Aizawa T, Ozawa H.	Chaperone-Mediated Autophagy in Neurodegenerative Diseases and Acute Neurological Insults in the Central Nervous System.	Cells.	11(7)	1205	2022
Kanno H, Onoda Y, Hashimoto K, Aizawa T, Ozawa H.	Innovation of Surgical Techniques for Screw Fixation in Patients with Osteoporotic Spine.	J Clin Med.	11(9)	2577	2022
Kanno H, Onoda Y, Hashimoto K, Aizawa T, Ozawa H.	Reinforcement of Percutaneous Pedicle Screw Fixation with Hydroxyapatite Granules in Patients with Osteoporotic Spine: Biomechanical Performance and Clinical Outcomes.	Medicina (Kaunas).	58(5)	579	2022
Kusakabe T, Aizawa T, Kasama F, Nakamura T, Sekiguchi A, Hoshikawa T, Koizumi Y.	Surgical management of facet cysts in the thoracic spine: Radiological manifestations and results of fenestration.	J Orthop Sci.	27(5)	995-1001	2022
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<p>Takahashi K, Ogawa S, Isefuku S, Hashimoto K, Aizawa T.</p>	<p>Post-laminectomy cervical flexion myelopathy and its possible pathomechanism: A case report.</p>	<p>J Orthop Sci.</p>	<p>S0949-2658 (22)</p>	<p>00122-1.</p>	<p>2022</p>

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Watanabe M, Chikuda H, Fujiwara Y, et al	Japanese Orthopaedic Association (JOA) Clinical practice guidelines on the Management of Cervical Spondylotic Myelopathy,2020 - Secondary publication	J Orthop Sci	Jan;28(1):1-45.		2023
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Yokogawa N, Kato S, Sasagawa T, et al.	Differences in clinical characteristics of cervical spine injuries in older adults by external causes: a multicenter study of 1512 cases.	Sci Rep	12(1)	15867	2022
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Kitade M, Nakajima H, Tsujiikawa T, Noriki S, Mori T, Kiyono Y, Okazawa H, Matsumine A	Evaluation of (R)-[¹¹ C]PK11195 PET/MRI for spinal cord-related neuropathic pain in patients with cervical spinal disorders	J Clin Med	12(1)	116	2022
Nakajima H, Watanabe S, Honjoh K, Kubota A, Matsuo H, Naruse H, Matsumine A	Prognostic factors for the postoperative improvement of spinal cord-related neuropathic pain in patients with degenerative cervical myelopathy	Spine Surg Relat Res	6(6)	610-616	2022
Nakajima H, Watanabe S, Honjoh K, Kubota A, Matsumine A	Symptom-based pharmacotherapy for neuropathic pain related to spinal disorders: results from a patient-based assessment	Sci Rep	12(1)	7192	2022

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Nakajima H, Watanabe S, Honjoh K, Kubota A, Takeura N, Matsumine A	Symptom-based characteristics and treatment efficacy of neuropathic pain related to spinal disorders	J Orthop Sci	27(6)	1222-1227	2022
Nakajima H, Honjoh K, Watanabe S, Kubota A, Matsumine A	Risk factors and prevention of C5 palsy after anterior cervical decompression and fusion: similarity of the pathomechanism with that after a posterior approach	Clin Spine Surg	35(1)	E274-E279	2022
Shimizu T, Koda M, Abe T, Asada T, Sato K, Shibao Y, Kono M, Eto F, Miura K, Mataki K, Noguchi H, Takahashi H, Funayama T, Yamazaki M	Paravertebral foramen screw fixation for posterior cervical spine surgery: clinical case series	J Neurosurg Spine			2021

Takahashi H, Koda M, Funayama T, Noguchi H, Miura K, Mataki K, Shibao Y, Eto F, Kono M, Sato K, Asada T, Okuwaki S, Shimizu T, Ikumi A, Fujii K, Shiga Y, Inage K, Eguchi Y, Orita S, Saito J, Aoki Y, Ohtori S, Yamazaki M	Continuous local antibiotic per fusion for patients with surgical site infection after instrumented spinal surgery; a novel technique to retain the implants	J Clin Neurosci	93	70-74	2021
Asada T, Koda M, Funayama T, Takahashi H, Noguchi H, Miura K, Mataki K, Yamazaki M	Imaging-based diagnosis of epiconus syndrome from the distance of the lesion to where the spinal cord terminates not from the disc level: a case series	Cureus	13(9)	e17708	2021
Kubota S, Kadone H, Shimizu Y, Takahashi H, Koda M, Miura K, Watanabe H, Suzuki K, Hada Y, Sankai Y, Yamazaki M	Robotic shoulder rehabilitation with the hybrid assistive limb in a patient with delayed recovery after postoperative C5 palsy: a case report	Front Neurol	14(12)	676352	2021
Miura K, Kadone H, Asada T, Koda M, Funayama T, Takahashi H, Noguchi H, Mataki K, Shibao Y, Sato K, Eto F, Kono M, Suzuki K, Yamazaki M	The fatty degeneration of the lumbar erector spinae muscles affects dynamic spinal compensation ability during gait in adult spinal deformity	Sci Rep	11(1)	18088	2021

Yasunaga Y, Miura K, Koda M, Funayama T, Takahashi H, Noguchi H, Mataki K, Asada T, Wada K, Sankai Y, Yamazaki M	Exercise therapy using the lumbar-type hybrid assistive limb ameliorates locomotive function after lumbar fusion surgery in an elderly patient	Case Rep Orthop		1996509	2021
Miura K, Koda M, Funayama T, Takahashi H, Yamazaki M	Occipital screw placement using a navigation system for a pathological odontoid fracture with a dural venous sinus variation	Cureus	13(7)	e16610	2021
Soma Y, Kubota S, Kadone H, Shimizu Y, Takahashi H, Hada Y, Koda M, Sankai Y, Yamazaki M	Hybrid assistive limb functional treatment for a patient with chronic incomplete cervical spinal cord injury	Int Med Case Rep J	14	413-420	2021
Miura M, Maki S, Miura K, Takahashi H, Miyagi M, Inoue G, Murata K, Konishi T, Furuya T, Koda M, Takaso M, Endo K, Ohtori S, Yamazaki M	Automated detection of cervical ossification of the posterior longitudinal ligament in plain lateral radiographs of the cervical spine using a convolutional neural network	Sci Rep	11(1)	12702	2021
Miura K, Koda M, Tamaki K, Ishida M, Marushima A, Funayama T, Takahashi H, Noguchi H, Mataki K, Yasunaga Y, Kawamoto H, Sankai Y, Matsumura A, Yamazaki M	Exercise training using hybrid assistive limb (HAL) lumbar type for locomotive syndrome: a pilot study	BMC Musculoskelet Disord	22(1)	533	2021

Gamada H, Koda M, Shina I, Asada T, Eto F, Kono M, Shibao Y, Mataki K, Miura K, Noguchi H, Takahashi H, Funayama T, Abe T, Yamazaki M	What trajectory is safe for double penetrating endplate screw posterior spinal fusion surgery in the thoracolumbar region?	World Neurosurg	151	E972-978	2021
Kubota S, Kadone H, Shimizu Y, Koda M, Miura K, Takahashi H, Watanabe H, Marushima A, Hada Y, Sankai Y, Yamazaki M	Adjustment effect during shoulder abduction training with the Hybrid Assistive Limb in a patient with postoperative C5 palsy	J Clin Neurosci	88	197-204	2021
Shimizu T, Koda M, Abe T, Shibao Y, Kono M, Eto F, Miura K, Mataki K, Noguchi H, Takahashi H, Funayama T, Yamazaki M	Correlation between osteoarthritis of the atlantoaxial facet joint and a high-riding vertebral artery	BMC Musculoskelet Disord	22(1)	406	2021

Takahashi H, Aoki Y, Inoue M, Saito J, Nakajima A, Sonobe M, Akatsu Y, Koyama K, Shiga Y, Inage K, Eguchi Y, Orita S, Maki S, Furuya T, Akazawa T, Abe T, Funayama T, Noguchi H, Miura K, Mataki K, Shibao Y, Eto F, Kono M, Koda M, Yamazaki M	Ohtori S, Nakagawa K. Characteristics of relief and residual low back pain after discectomy in patients with lumbar disc herniation: analysis using a detailed visual analog scale	BMC Musculoskeletal Disord	22(1)	167	2021
Mataki K, Koda M, Funayama T, Takahashi H, Yamazaki M	Suden transient intraoperative hypotension during the use of the cantilever technique for correction of adult spinal deformity	Cureus	13(3)	e13835	2021
Shibao Y, Koda M, Abe T, Mataki K, Miura K, Noguchi H, Takahashi H, Funayama T, Yamazaki M	Accidental anterior longitudinal ligament rupture during lateral lumbar interbody fusion disclosed after posterior corrective fusion surgery resulting in local hyperlordosis	J Rural Med	16(2)	111-114	2021
Funayama T, Tsukanishi T, Fujii K, Abe T, Shibao Y, Noguchi H, Miura K, Mataki K, Takahashi H, Koda M, Yamazaki M	Characteristic imaging findings predicting the risk of conservative treatment resistance in fresh osteoporotic vertebral fractures with poor prognostic features on magnetic resonance imaging	J Orthop Sci			2021

Shibao Y, Koda M, Nakayama K, Asada T, Sato K, Kono M, Eto F, Mataki K, Kumagai H, Nagashima K, Miura K, Noguchi H, Takahashi H, Funayama T, Abe T, Yamazaki M	A case of cardiac arrest during C1 laminectomy for irreducible atlantoaxial subluxation	Case Report		6691426	2021
Funayama T, Abe T, Noguchi H, Miura K, Mataki K, Takahashi H, Koda M, Yamazaki M	Severe, rigid cervical kyphotic deformity associated with SAP HO syndrome successfully treated with three-stage correction surgery combined with C7 vertebral column resection: a technical case report	Spine Deform	9(1)	285-292	2021
Sakai K, Hirai T, Arai Y, Maehara H, Torigoe I, Inose H, Tomori M, Sakaki K, Yuasa M, Matsukura Y, Oyaizu T, Morishita S, Yoshii T, Okawa A.	Laminar Closure In Double-door Laminoplasty for Cervical Spondylotic Myelopathy with Nonkyphotic Alignment.	Spine (Phila Pa 1976)	46(15)	999-1006	2021
Sakai K, Yoshii T, Arai Y, Hirai T, Torigoe I, Inose H, Tomori M, Sakaki K, Yuasa M, Yamada T, Matsukura Y, Oyaizu T, Morishita S, Okawa A	A Prospective Cohort Study of Dysphagia After Subaxial Cervical Spine Surgery.	Spine (Phila Pa 1976)	46(8)	492-498	2021

Inose H, Hirai T, Yoshii T, Kimura A, Takeshita K, Inoue H, Maekawa A, Endo K, Miyamoto T, Furuya T, Nakamura A, Mori K, Kanbara S, Imagama S, Seki S, Matsunaga S, Okawa A.	Predictors for quality of life improvement after surgery for degenerative cervical myelopathy: a prospective multi-center study.	Health Qual Life Outcomes	19(1)	150	2021
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Ogawa T, Yoshii T, Oyama J, Sugimura N, Akada T, Sugino T, Hashimoto M, Morishita S, Takahashi T, Motoyoshi T, Oyaizu T, Yamada T, Onuma H, Hirai T, Inose H, Nakajima Y, Okawa A.	Detecting ossification of the posterior longitudinal ligament on plain radiographs using a deep convolutional neural network: a pilot study.	Spine J.	S1529-9430 (22) 00007-9		2022
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Fujimori T, Nakajima N, Sugiura T, Ikegami D, Sakaura H, Kaito T, Iwasaki M	Epidemiology of symptomatic ossification of the posterior longitudinal ligament: a nationwide registry survey	J Spine Surg	7(4)	485-494	2021

Kawaguchi Y, Kitajima I, Yasuda T, Seki S, Suzuki K, Makino H, Ujihara Y, Ueno T, Canh Tung NT, Yahara Y	Serum Periostin Level Reflects Progression of Ossification of the Posterior Longitudinal Ligament.	JBJS Open Access	Feb 4;7(1)	e21.00111	2022
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<p>Nagamoto Y, Iwasaki M, Okuda S, Matsumoto T, Sugiura T, Takahashi Y, Furuya M</p>	<p>Anterior selective stabilization combined with laminoplasty for cervical myelopathy due to massive ossification of the posterior longitudinal ligament: report of early outcomes in 14 patients</p>	<p>J Neurosurg: Spine</p>	<p>13</p>	<p>1-7</p>	<p>2020</p>
<p>Kimura A et al.</p>	<p>Effectiveness of Surgical Treatment for Degenerative Cervical Myelopathy in Preventing Falls and Fall-related Neurological Deterioration: A Prospective Multi-institutional Study</p>	<p>Spine</p>	<p>45 (11)</p>	<p>E631-E638</p>	<p>2020</p>
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Aihara T, et al.	Five-year Reoperation Rates and Causes for Reoperations Following Lumbar Microendoscopic Discectomy and Decompression	Spine	45	71-77	2020
Murata K, et al.	Artificial intelligence for the detection of vertebral fractures on plain spinal radiography	Scientific Reports	10	20031	2020
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Quian W, et al.	Cervical sagittal alignment in patients with dropped head syndrome	J Orthop Sci	29	epub	2021
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Aizawa T, Kokubun S, Kusakabe T, Ozawa H, Tanaka Y, Hoshikawa T, Hashimoto K, Kanno H, Morozumi N, Koizumi Y, Kawahara C, Sato T, Hyodo H, Ogawa S, Murakami E, Itoi E	Rate of spinal surgery in a rapidly aging society: the 27-year changes in Miyagi prefecture, Japan	J Neurosurg Sci	64(6)	525-530	2020
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