

## 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 $\beta$ -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>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 on 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>

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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, 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
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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

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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>

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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

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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
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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
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