

Kei Ando

List of Publications by Year in descending order

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Version: 2024-02-01

85
papers

1,471
citations

331670

21
h-index

361022

35
g-index

85
all docs

85
docs citations

85
times ranked

1209
citing authors

#	ARTICLE	IF	CITATIONS
1	Primary spinal cord tumors: review of 678 surgically treated patients in Japan. A multicenter study. <i>European Spine Journal</i> , 2012, 21, 2019-2026.	2.2	108
2	Bone Union Rate With Autologous Iliac Bone Versus Local Bone Graft in Posterior Lumbar Interbody Fusion. <i>Spine</i> , 2010, 35, E1101-E1105.	2.0	91
3	<i>N</i> -Acetylglucosamine 6-O-Sulfotransferase-1-Deficient Mice Show Better Functional Recovery after Spinal Cord Injury. <i>Journal of Neuroscience</i> , 2010, 30, 5937-5947.	3.6	70
4	Image classification of idiopathic spinal cord herniation based on symptom severity and surgical outcome: a multicenter study. <i>Journal of Neurosurgery: Spine</i> , 2009, 11, 310-319.	1.7	65
5	Perioperative Complications After Surgery for Thoracic Ossification of Posterior Longitudinal Ligament. <i>Spine</i> , 2018, 43, E1389-E1397.	2.0	64
6	Predictive Factors for a Poor Surgical Outcome With Thoracic Ossification of the Ligamentum Flavum by Multivariate Analysis. <i>Spine</i> , 2013, 38, E748-E754.	2.0	50
7	The Cutoff Amplitude of Transcranial Motor Evoked Potentials for Transient Postoperative Motor Deficits in Intramedullary Spinal Cord Tumor Surgery. <i>Spine</i> , 2014, 39, E1086-E1094.	2.0	47
8	Differentiation of localization of spinal hemangioblastomas based on imaging and pathological findings. <i>European Spine Journal</i> , 2011, 20, 1377-1384.	2.2	41
9	How do spinal schwannomas progress? The natural progression of spinal schwannomas on MRI. <i>Journal of Neurosurgery: Spine</i> , 2016, 24, 155-159.	1.7	40
10	Removal of thoracic dumbbell tumors through a single-stage posterior approach: its usefulness and limitations. <i>Journal of Orthopaedic Science</i> , 2013, 18, 380-387.	1.1	39
11	Risk Factors for Ineffectiveness of Posterior Decompression and Dekyphotic Corrective Fusion with Instrumentation for Beak-Type Thoracic Ossification of the Posterior Longitudinal Ligament: A Single Institute Study. <i>Neurosurgery</i> , 2017, 80, 800-808.	1.1	39
12	Risk factors for a poor outcome following surgical treatment of cervical spondylotic amyotrophy: a multicenter study. <i>European Spine Journal</i> , 2013, 22, 156-161.	2.2	38
13	The Cutoff Amplitude of Transcranial Motor-Evoked Potentials for Predicting Postoperative Motor Deficits in Thoracic Spine Surgery. <i>Spine</i> , 2013, 38, E21-E27.	2.0	38
14	Transcranial motor evoked potential waveform changes in corrective fusion for adolescent idiopathic scoliosis. <i>Journal of Neurosurgery: Pediatrics</i> , 2017, 19, 108-115.	1.3	38
15	A new criterion for the alarm point for compound muscle action potentials. <i>Journal of Neurosurgery: Spine</i> , 2012, 17, 348-356.	1.7	37
16	Complications and outcomes of posterior fusion in children with atlantoaxial instability. <i>European Spine Journal</i> , 2012, 21, 1346-1352.	2.2	32
17	MRI Characteristics of Spinal Ependymoma in WHO Grade II. <i>Spine</i> , 2018, 43, E525-E530.	2.0	32
18	Reoperation within 2 years after lumbar interbody fusion: a multicenter study. <i>European Spine Journal</i> , 2018, 27, 1972-1980.	2.2	29

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19	Resection of Beak-Type Thoracic Ossification of the Posterior Longitudinal Ligament from a Posterior Approach under Intraoperative Neurophysiological Monitoring for Paralysis after Posterior Decompression and Fusion Surgery. <i>Global Spine Journal</i> , 2016, 6, 812-821.	2.3	28
20	Intradural disc herniation: Radiographic findings and surgical results with a literature review. <i>Clinical Neurology and Neurosurgery</i> , 2014, 125, 47-51.	1.4	27
21	Optimal Timing of Surgery for Intramedullary Cavemous Hemangioma of the Spinal Cord in Relation to Preoperative Motor Paresis, Disease Duration, and Tumor Volume and Location. <i>Global Spine Journal</i> , 2017, 7, 246-253.	2.3	24
22	Factors for a Good Surgical Outcome in Posterior Decompression and Dekyphotic Corrective Fusion with Instrumentation for Thoracic Ossification of the Posterior Longitudinal Ligament: Prospective Single-Center Study. <i>Operative Neurosurgery</i> , 2017, 13, 661-669.	0.8	24
23	Ponte Osteotomy During Dekyphosis for Indirect Posterior Decompression With Ossification of the Posterior Longitudinal Ligament of the Thoracic Spine. <i>Clinical Spine Surgery</i> , 2017, 30, E358-E362.	1.3	23
24	Comparative Study of Surgical Treatment and Nonsurgical Follow Up for Thoracic Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2017, 42, 407-410.	2.0	21
25	Outcomes of Surgery for Thoracic Myelopathy Owing to Thoracic Ossification of The Ligamentum Flavum in a Nationwide Multicenter Prospectively Collected Study in 223 Patients. <i>Spine</i> , 2020, 45, E170-E178.	2.0	21
26	Midkine overcomes neurite outgrowth inhibition of chondroitin sulfate proteoglycan without glial activation and promotes functional recovery after spinal cord injury. <i>Neuroscience Letters</i> , 2013, 550, 150-155.	2.1	20
27	Efficacy of Early Fusion With Local Bone Graft and Platelet-Rich Plasma in Lumbar Spinal Fusion Surgery Followed Over 10 Years. <i>Global Spine Journal</i> , 2017, 7, 749-755.	2.3	19
28	Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan-. <i>Spine Surgery and Related Research</i> , 2019, 3, 361-367.	0.7	19
29	Examination of the influence of ossification of the anterior longitudinal ligament on symptom progression and surgical outcome of ossification of the thoracic ligamentum flavum: a multicenter study. <i>Journal of Neurosurgery: Spine</i> , 2012, 16, 147-153.	1.7	18
30	Automated Detection of Spinal Schwannomas Utilizing Deep Learning Based on Object Detection From Magnetic Resonance Imaging. <i>Spine</i> , 2021, 46, 95-100.	2.0	18
31	Acute pancreatitis after spine surgery: a case report and review of literature. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2014, 24, 305-309.	1.4	17
32	Prevention of spinal cord injury using brain-evoked muscle-action potential (Br(E)-MsEP) monitoring in cervical spinal screw fixation. <i>European Spine Journal</i> , 2017, 26, 1154-1161.	2.2	17
33	Appropriate timing of surgical intervention for the proximal type of cervical spondylotic amyotrophy. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2015, 25, 107-113.	1.4	16
34	Surgical outcomes of spinal cord and cauda equina ependymoma: Postoperative motor status and recurrence for each WHO grade in a multicenter study. <i>Journal of Orthopaedic Science</i> , 2018, 23, 614-621.	1.1	16
35	Differentiation of Spinal Schwannomas and Myxopapillary Ependymomas. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, 105-110.	1.9	14
36	Rapid Worsening of Symptoms and High Cell Proliferative Activity in Intra- and Extramedullary Spinal Hemangioblastoma. <i>Global Spine Journal</i> , 2017, 7, 6-13.	2.3	13

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37	Radiologic Evaluation After Posterior Instrumented Surgery for Thoracic Ossification of the Posterior Longitudinal Ligament. <i>Journal of Spinal Disorders and Techniques</i> , 2014, 27, 181-184.	1.9	11
38	Accuracy of intraoperative pathological diagnosis using frozen sections of spinal cord lesions. <i>Clinical Neurology and Neurosurgery</i> , 2018, 167, 117-121.	1.4	10
39	Evaluation of a Combination of Waveform Amplitude and Peak Latency in Intraoperative Spinal Cord Monitoring. <i>Spine</i> , 2018, 43, 1231-1237.	2.0	10
40	Characteristics of multi-channel Br(E)-MsEP waveforms for the lower extremity muscles in thoracic spine surgery: comparison based on preoperative motor status. <i>European Spine Journal</i> , 2019, 28, 484-491.	2.2	10
41	Progressive Relapse of Ligamentum Flavum Ossification Following Decompressive Surgery. <i>Asian Spine Journal</i> , 2014, 8, 835.	2.0	10
42	Characteristics and surgical results of the distal type of cervical spondylotic amyotrophy. <i>Journal of Neurosurgery: Spine</i> , 2014, 21, 411-416.	1.7	9
43	Keratan sulfate expression is associated with activation of a subpopulation of microglia/macrophages in Wallerian degeneration. <i>Neuroscience Letters</i> , 2014, 579, 80-85.	2.1	9
44	Volumetric change in interbody bone graft after posterior lumbar interbody fusion (PLIF): a prospective study. <i>European Spine Journal</i> , 2014, 23, 2144-2149.	2.2	9
45	A new criterion for the alarm point using a combination of waveform amplitude and onset latency in Br(E)-MsEP monitoring in spine surgery. <i>Journal of Neurosurgery: Spine</i> , 2018, 29, 435-441.	1.7	9
46	Clinical Features of Thoracic Myelopathy: A Single-Center Study. <i>Journal of the American Academy of Orthopaedic Surgeons Global Research and Reviews</i> , 2019, 3, e18.00090.	0.7	9
47	Efficacy of Anal Needle Electrodes for Intraoperative Spinal Cord Monitoring with Transcranial Muscle Action Potentials. <i>Asian Spine Journal</i> , 2018, 12, 662-668.	2.0	8
48	Characteristics of Cases with Poor Transcranial Motor-evoked Potentials Baseline Waveform Derivation in Spine Surgery. <i>Spine</i> , 2021, 46, E1211-E1219.	2.0	8
49	Atypical vertebral column fracture at the middle of fused area after instrumented posterior decompression and fusion surgery for beak type thoracic ossification of the posterior longitudinal ligament. <i>Journal of Orthopaedic Science</i> , 2018, 23, 1100-1104.	1.1	7
50	Validity of the Alarm Point in Intraoperative Neurophysiological Monitoring of the Spinal Cord by the Monitoring Working Group of the Japanese Society for Spine Surgery and Related Research. <i>Spine</i> , 2021, 46, E1069-E1076.	2.0	7
51	The Surgical Outcomes of Spinal Fusion for Osteoporotic Vertebral Fractures in the Lower Lumbar Spine with a Neurological Deficit. <i>Spine Surgery and Related Research</i> , 2020, 4, 199-207.	0.7	7
52	Surgical outcomes and factors related to postoperative motor and sensory deficits in resection for 244 cases of spinal schwannoma. <i>Journal of Clinical Neuroscience</i> , 2020, 81, 6-11.	1.5	7
53	Hyperamylasemia and pancreatitis following posterior spinal surgery. <i>Journal of Orthopaedic Science</i> , 2015, 20, 967-972.	1.1	6
54	Contrast MRI Findings for Spinal Schwannoma as Predictors of Tumor Proliferation and Motor Status. <i>Spine</i> , 2017, 42, E150-E155.	2.0	6

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55	Variety of preoperative MRI changes in spinal cord ependymoma of WHO grade II: a case series. <i>European Spine Journal</i> , 2019, 28, 426-433.	2.2	6
56	Wave Change of Intraoperative Transcranial Motor-Evoked Potentials During Corrective Fusion for Syndromic and Neuromuscular Scoliosis. <i>Operative Neurosurgery</i> , 2019, 16, 53-58.	0.8	6
57	Prevention and prediction of postoperative bowel bladder disorder using an anal plug electrode with Tc-MsEP monitoring during spine surgery. <i>Nagoya Journal of Medical Science</i> , 2017, 79, 459-466.	0.3	6
58	Thoracic spinal cord injury without major bone injury associated with ossification of the ligamentum flavum. <i>Journal of Orthopaedic Science</i> , 2019, 24, 174-177.	1.1	5
59	Characteristics of cases with and without calcification in spinal meningiomas. <i>Journal of Clinical Neuroscience</i> , 2021, 89, 20-25.	1.5	5
60	Intraoperative Neurological Deterioration Secondary to Spinal Kyphotic Change After Cervicothoracic Junction Laminectomy. <i>Spine</i> , 2014, 39, E1549-E1551.	2.0	4
61	Wave changes in intraoperative transcranial motor-evoked potentials during posterior decompression and dekyphotic corrective fusion with instrumentation for thoracic ossification of the posterior longitudinal ligament. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2019, 29, 1177-1185.	1.4	4
62	Efficacy of Transcranial Motor Evoked Potential Monitoring During Intra- and Extramedullary Spinal Cord Tumor Surgery: A Prospective Multicenter Study of the Monitoring Committee of the Japanese Society for Spine Surgery and Related Research. <i>Global Spine Journal</i> , 2023, 13, 961-969.	2.3	4
63	Connection of discontinuous segments in early functional recovery from thoracic ossification of the posterior longitudinal ligament treated with posterior instrumented surgery. <i>Journal of Neurosurgery: Spine</i> , 2020, 32, 200-206.	1.7	4
64	Differentiation of spinal myxopapillary ependymomas from schwannomas by contrast-enhanced MRI. <i>Journal of Orthopaedic Science</i> , 2018, 23, 908-911.	1.1	3
65	Surgical intervention for a pediatric isolated intramedullary spinal aneurysm. <i>European Spine Journal</i> , 2018, 27, 342-346.	2.2	2
66	Postoperative Syrinx Shrinkage in Spinal Ependymoma of WHO Grade II. <i>Clinical Spine Surgery</i> , 2021, 34, E100-E106.	1.3	2
67	Nogo receptor 1 is expressed in both primary cultured glial cells and neurons. <i>Nagoya Journal of Medical Science</i> , 2016, 78, 303-11.	0.3	2
68	Discrimination between spinal extradural meningioma and both intra and extradural meningioma: Case Report. <i>Nagoya Journal of Medical Science</i> , 2017, 79, 115-121.	0.3	2
69	Postoperative iatrogenic spinal cord herniation: three case reports with a literature review. <i>Nagoya Journal of Medical Science</i> , 2020, 82, 383-389.	0.3	2
70	Factors associated with extension of the scheduled time for spine surgery. <i>Clinical Neurology and Neurosurgery</i> , 2018, 169, 128-132.	1.4	1
71	Thoracic dumbbell-shaped paraganglioma arising in extra-adrenal area: A case report and literature review. <i>Journal of Orthopaedic Science</i> , 2020, 25, 525-528.	1.1	1
72	Dynamic changes in longitudinal stretching of the spinal cord in thoracic spine: Focus on the spinal cord occupation rate of dural sac. <i>Clinical Neurology and Neurosurgery</i> , 2020, 198, 106225.	1.4	1

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73	Characteristics of Tc-MEP Waveforms for Different Locations of Intradural Extramedullary Tumors. Spine, 2021, Publish Ahead of Print, 172-179.	2.0	1
74	Characteristics of Tc-MEP Waveforms in Spine Surgery for Patients with Severe Obesity. Spine, 2021, Publish Ahead of Print, 1738-1747.	2.0	1
75	Reply to the Editor: Surgical Treatment of Osteoporotic Vertebral Fracture with Neurological Deficit-A Nationwide Multicenter Study in Japan. Spine Surgery and Related Research, 2020, 4, 292-293.	0.7	1
76	Natural reduction in acute intratumoral hemorrhage of spinal schwannoma in the cauda equina. Nagoya Journal of Medical Science, 2019, 81, 701-705.	0.3	1
77	Intradural Lumbar Disc Herniation From the Lateral Inner Surface of the Dura Without a Penetration Hole: A Case Report. Cureus, 2022, 14, e22418.	0.5	1
78	Postoperative progression of ligamentum flavum ossification after posterior instrumented surgery for thoracic posterior longitudinal ligament ossification: long-term outcomes during a minimum 10-year follow-up. Journal of Neurosurgery: Spine, 2022, 36, 986-996.	1.7	1
79	Optimal stimulation intensity for Br(E)-MsEP waveform derivation at baseline in pediatric spinal surgery. Clinical Neurology and Neurosurgery, 2019, 180, 74-78.	1.4	0
80	Occipitocervical or C1–C2 fusion using allograft bone in pediatric patients with Down syndrome 8 years of age or younger. Journal of Pediatric Orthopaedics Part B, 2019, 28, 405-410.	0.6	0
81	Poor derivation of Tc-MEP baseline waveforms in surgery for ventral thoracic intradural extramedullary tumor: Efficacy of use of the abductor hallucis in cases with a preoperative non-ambulatory status. Journal of Clinical Neuroscience, 2021, 84, 60-65.	1.5	0
82	The Proteoglycan-Degrading Enzymes Promote Functional Recovery After Spinal Cord Injury: Keratan Sulfate and Chondroitin Sulfate. , 2014, , 169-191.		0
83	Variety of the Wave Change in Compound Muscle Action Potential in an Animal Model. Asian Spine Journal, 2015, 9, 952.	2.0	0
84	Ossification of the posterior longitudinal ligament located on the concave side of the apex vertebra in adult spinal deformity. Nagoya Journal of Medical Science, 2021, 83, 387-392.	0.3	0
85	Pedicular kinking during posterior corrective procedure for thoracolumbar kyphoscoliosis with unstable osteoporotic fracture. Journal of Orthopaedic Science, 2024, 29, 409-412.	1.1	0