

# Muneharu Ando

## List of Publications by Year in descending order

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39  
papers

879  
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687363

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h-index

477307

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Lumbar Sagittal Balance Influences the Clinical Outcome After Decompression and Posterolateral Spinal Fusion for Degenerative Lumbar Spondylolisthesis. <i>Spine</i> , 2002, 27, 59-64.	2.0	154
2	A new alarm point of transcranial electrical stimulation motor evoked potentials for intraoperative spinal cord monitoring: a prospective multicenter study from the Spinal Cord Monitoring Working Group of the Japanese Society for Spine Surgery and Related Research. <i>Journal of Neurosurgery: Spine</i> , 2014, 20, 102-107.	1.7	111
3	Does Reconstruction of Posterior Ligamentous Complex with Extensor Musculature Decrease Axial Symptoms After Cervical Laminoplasty?. <i>Spine</i> , 2002, 27, 1414-1418.	2.0	85
4	A Prospective Randomized Study of Clinical Outcomes in Patients With Cervical Compressive Myelopathy Treated With Open-Door or French-Door Laminoplasty. <i>Spine</i> , 2009, 34, 1119-1126.	2.0	70
5	Alert Timing and Corresponding Intervention With Intraoperative Spinal Cord Monitoring for High-Risk Spinal Surgery. <i>Spine</i> , 2019, 44, E470-E479.	2.0	60
6	Surgical site infection in spinal surgery: a comparative study between 2-octyl-cyanoacrylate and staples for wound closure. <i>European Spine Journal</i> , 2014, 23, 854-862.	2.2	51
7	Efficacy and limitations of current methods of intraoperative spinal cord monitoring. <i>Journal of Orthopaedic Science</i> , 2003, 8, 635-642.	1.1	47
8	Indication and Clinical Results of Laminoplasty for Cervical Myelopathy Caused by Disc Herniation With Developmental Canal Stenosis. <i>Spine</i> , 1998, 23, 2391-2397.	2.0	45
9	What is the Best Multimodality Combination for Intraoperative Spinal Cord Monitoring of Motor Function? A Multicenter Study by the Monitoring Committee of the Japanese Society for Spine Surgery and Related Research. <i>Global Spine Journal</i> , 2016, 6, 234-241.	2.3	33
10	Electrophysiological diagnosis using sensory nerve action potential for the intraforaminal and extraforaminal L5 nerve root entrapment. <i>European Spine Journal</i> , 2013, 22, 833-839.	2.2	27
11	Intraoperative spinal cord monitoring using combined motor and sensory evoked potentials recorded from the spinal cord during surgery for intramedullary spinal cord tumor. <i>Clinical Neurology and Neurosurgery</i> , 2015, 133, 18-23.	1.4	20
12	Postoperative Paralysis From Thoracic Ossification of Posterior Longitudinal Ligament Surgery Risk Factor of Neurologic Injury. <i>Spine</i> , 2016, 41, E1159-E1163.	2.0	18
13	Efficacy of Intraoperative Intervention Following Transcranial Motor-evoked Potentials Alert During Posterior Decompression and Fusion Surgery for Thoracic Ossification of the Posterior Longitudinal Ligament. <i>Spine</i> , 2021, 46, 268-276.	2.0	17
14	Rod contour and overcorrection are risk factors of proximal junctional kyphosis after adult spinal deformity correction surgery. <i>European Spine Journal</i> , 2021, 30, 1208-1214.	2.2	16
15	Adverse Events Related to Transcranial Electric Stimulation for Motor-evoked Potential Monitoring in High-risk Spinal Surgery. <i>Spine</i> , 2019, 44, 1435-1440.	2.0	15
16	Usefulness of multi-channels in intraoperative spinal cord monitoring: multi-center study by the monitoring committee of the Japanese Society for Spine Surgery and related research. <i>European Spine Journal</i> , 2013, 22, 1891-1896.	2.2	14
17	Efficacy of Intraoperative Neuromonitoring Using Transcranial Motor-Evoked Potentials for Degenerative Cervical Myelopathy. <i>Spine</i> , 2022, 47, E27-E37.	2.0	13
18	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

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19	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
20	Intraoperative Spinal Cord Monitoring: Focusing on the Basic Knowledge of Orthopedic Spine Surgeon and Neurosurgeon as Members of a Team Performing Spine Surgery under Neuromonitoring. <i>Spine Surgery and Related Research</i> , 2021, 5, 120-132.	0.7	6
21	Understanding the effect of non-surgical factors in a transcranial motor-evoked potential alert: A retrospective cohort study. <i>Journal of Orthopaedic Science</i> , 2021, 26, 739-743.	1.1	6
22	Rare case of survival after traumatic disruption of the cervical spine with combined complete spinal cord injury and bilateral vertebral arterial breakdown in an 18-month-old patient. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2014, 24, 311-314.	1.4	5
23	Can postoperative deltoid weakness after cervical laminoplasty be prevented by using intraoperative neurophysiological monitoring?. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 123-132.	1.6	5
24	Funicular pain: a case report of intermittent claudication induced by cervical cord compression. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 302.	1.9	5
25	Effects of Preoperative Motor Status on Intraoperative Motor-evoked Potential Monitoring for High-risk Spinal Surgery. <i>Spine</i> , 2021, 46, E694-E700.	2.0	5
26	A New Treatment Algorithm That Incorporates Minimally Invasive Surgery for Pyogenic Spondylodiscitis in the Thoracic and Lumbar Spines: The Results of Its Clinical Application to a Series of 34 Patients. <i>Medicina (Lithuania)</i> , 2022, 58, 478.	2.0	5
27	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
28	Efficacy of D-Wave Monitoring Combined With the Transcranial Motor-Evoked Potentials in High-Risk Spinal Surgery: A Retrospective Multicenter Study of the Monitoring Committee of the Japanese Society for Spine Surgery and Related Research. <i>Global Spine Journal</i> , 2022, , 219256822210846.	2.3	4
29	A new technique useful for lumbosacral percutaneous pedicle screw placement without fluoroscopy or computer-aided navigation systems. <i>Journal of Orthopaedic Science</i> , 2022, 27, 1190-1196.	1.1	3
30	Threshold-based Monitoring of Compound Muscle Action Potentials for Percutaneous Pedicle Screw Placement in the Lumbosacral Spine. <i>Spine</i> , 2022, 47, 1003-1010.	2.0	3
31	Transcranial Motor-evoked Potential Alert After Supine-to-Prone Position Change During Thoracic Ossification in Posterior Longitudinal Ligament Surgery. <i>Spine</i> , 2022, 47, 1018-1026.	2.0	3
32	Bone Fusion Morphology after Circumferential Minimally Invasive Spine Surgery Using Lateral Lumbar Interbody Fusion and Percutaneous Pedicle Screws without Bone Grafting in the Thoracic Spine: A Retrospective Study. <i>Medicina (Lithuania)</i> , 2022, 58, 496.	2.0	3
33	Conditions for Achieving Postoperative Pelvic Incidence-Lumbar Lordosis <math>\leq 10^\circ</math> in Circumferential Minimally Invasive Surgery for Adult Spinal Deformity. <i>Journal of Clinical Medicine</i> , 2022, 11, 1586.	2.4	3
34	Radiological Factors Influence Clinical Outcomes in Posterolateral Fusion for Unstable Lumbar Spine. <i>Journal of Musculoskeletal Research</i> , 1998, 02, 197-208.	0.2	2
35	Correlation between the Computed Tomography Values of the Screw Path and Pedicle Screw Pullout Strength: An Experimental Study in Porcine Vertebrae. <i>Asian Spine Journal</i> , 2020, 14, 265-272.	2.0	2
36	Radiographic and MRI evidence of indirect neural decompression after the anterior column realignment procedure for adult spinal deformity. <i>Journal of Neurosurgery: Spine</i> , 2022, 37, 703-712.	1.7	2

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37	Characteristics of Tc-MEP Waveforms for Different Locations of Intradural Extramedullary Tumors. Spine, 2021, Publish Ahead of Print, 172-179.	2.0	1
38	Characteristics of Tc-MEP Waveforms in Spine Surgery for Patients with Severe Obesity. Spine, 2021, Publish Ahead of Print, 1738-1747.	2.0	1
39	The muscle evoked potential after epidural electrical stimulation of the spinal cord as a monitor for the corticospinal tract: studies by collision technique and double train stimulation. Journal of Clinical Monitoring and Computing, 2022, 36, 1053-1067.	1.6	0