

Kazuhiro Hasegawa

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,319
citations

471509

17
h-index

414414

32
g-index

38
all docs

38
docs citations

38
times ranked

1421
citing authors

#	ARTICLE	IF	CITATIONS
1	Interaction between A β (1-42) and A β (1-40) in Alzheimer's A β -Amyloid Fibril Formation in Vitro. <i>Biochemistry</i> , 1999, 38, 15514-15521.	2.5	204
2	Normative values of spino-pelvic sagittal alignment, balance, age, and health-related quality of life in a cohort of healthy adult subjects. <i>European Spine Journal</i> , 2016, 25, 3675-3686.	2.2	160
3	Upper Extremity Palsy Following Cervical Decompression Surgery Results From a Transient Spinal Cord Lesion. <i>Spine</i> , 2007, 32, E197-E202.	2.0	145
4	Apolipoprotein E and Antioxidants Have Different Mechanisms of Inhibiting Alzheimer's A β -Amyloid Fibril Formation in Vitro. <i>Biochemistry</i> , 1998, 37, 17882-17889.	2.5	129
5	Normative values for the spine shape parameters using 3D standing analysis from a database of 268 asymptomatic Caucasian and Japanese subjects. <i>European Spine Journal</i> , 2016, 25, 3630-3637.	2.2	128
6	Standing sagittal alignment of the whole axial skeleton with reference to the gravity line in humans. <i>Journal of Anatomy</i> , 2017, 230, 619-630.	1.5	92
7	Difference in whole spinal alignment between supine and standing positions in patients with adult spinal deformity using a new comparison method with slot-scanning three-dimensional X-ray imager and computed tomography through digital reconstructed radiography. <i>BMC Musculoskeletal Disorders</i> , 2018, 19, 437.	1.9	42
8	Facet joint opening in lumbar degenerative diseases indicating segmental instability. <i>Journal of Neurosurgery: Spine</i> , 2010, 12, 687-693.	1.7	41
9	Lumbar Degenerative Spondylolisthesis Is Not Always Unstable. <i>Spine</i> , 2014, 39, 2127-2135.	2.0	38
10	Evaluation of lumbar segmental instability in degenerative diseases by using a new intraoperative measurement system. <i>Journal of Neurosurgery: Spine</i> , 2008, 8, 255-262.	1.7	37
11	Indications for Cervical Pedicle Screw Instrumentation in Nontraumatic Lesions. <i>Spine</i> , 2008, 33, 2284-2289.	2.0	37
12	Margin-Free Spondylectomy for Extended Malignant Spine Tumors. <i>Spine</i> , 2007, 32, 142-148.	2.0	34
13	How Did the Pelvis and Vertebral Column Become a Functional Unit during the Transition from Occasional to Permanent Bipedalism?. <i>Anatomical Record</i> , 2017, 300, 912-931.	1.4	27
14	En Bloc Spondylectomy for Spinal Metastases: Detailed Oncological Outcomes at a Minimum of 2 Years after Surgery. <i>Asian Spine Journal</i> , 2019, 13, 296-304.	2.0	25
15	Health-Related Quality of Life in Nonoperated Patients With Adolescent Idiopathic Scoliosis in the Middle Years. <i>Spine</i> , 2020, 45, E83-E89.	2.0	22
16	Biomechanical evaluation of destabilization following minimally invasive decompression for lumbar spinal canal stenosis. <i>Journal of Neurosurgery: Spine</i> , 2013, 18, 504-510.	1.7	21
17	Compensation for standing posture by whole-body sagittal alignment in relation to health-related quality of life. <i>Bone and Joint Journal</i> , 2020, 102-B, 1359-1367.	4.4	19
18	Lumbar lordosis does not correlate with pelvic incidence in the cases with the lordosis apex located at L3 or above. <i>European Spine Journal</i> , 2019, 28, 1948-1954.	2.2	17

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19	Sagittal balance measures are more reproducible when measured in 3D vs in 2D using full-body EOS [®] images. <i>European Radiology</i> , 2018, 28, 4570-4577.	4.5	16
20	<i>Cone of Economy with the Chain of Balance</i>-Historical Perspective and Proof of Concept. <i>Spine Surgery and Related Research</i> , 2022, 6, 337-349.	0.7	15
21	Correlation analysis of the PI-LL mismatch according to the pelvic incidence from a database of 468 asymptomatic volunteers. <i>European Spine Journal</i> , 2022, 31, 1413-1420.	2.2	13
22	An Experimental Study of Porcine Lumbar Segmental Stiffness by the Distractionâ€“Compression Principle Using a Threaded Interbody Cage. <i>Journal of Spinal Disorders</i> , 2000, 13, 247-252.	1.1	11
23	Relationship between sagittal radiographic parameters and disability in patients with spinal disease using 3D standing analysis. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2018, 104, 1017-1023.	2.0	10
24	Correction surgery for adult spinal deformity improves not only spinopelvic alignment but also the three-dimensional alignment of the lower extremities. <i>Journal of Orthopaedic Science</i> , 2020, 25, 946-952.	1.1	7
25	Etiology and clinical manifestations of double-level versus single-level lumbar degenerative spondylolisthesis. <i>Journal of Orthopaedic Science</i> , 2020, 25, 812-819.	1.1	6
26	Pelvic thickness, sex, ethnicity, and age affect pelvic incidence in healthy volunteers of Multi-Ethnic Alignment Normative Study (MEANS) database. <i>European Spine Journal</i> , 2022, 31, 1421-1430.	2.2	6
27	Relative position of sacral base in the pelvis and its correlation with spino-pelvic parameters. <i>European Spine Journal</i> , 2020, 29, 446-454.	2.2	5
28	Impact of the flexibility of the spinal deformity on low back pain and disc degeneration in adult patients nonoperatively treated for adolescent idiopathic scoliosis with thoracolumbar or lumbar curves. <i>Spine Deformity</i> , 2022, 10, 133-140.	1.5	3
29	Gravity center estimation for evaluation of standing whole body compensation using virtual barycentremetry based on biplanar slot-scanning stereoradiography - validation by simultaneous force plate measurement. <i>BMC Musculoskeletal Disorders</i> , 2022, 23, 22.	1.9	3
30	Present and Future Requirments for Materials in Spine Surgery. <i>Materia Japan</i> , 2014, 53, 134-138.	0.1	2
31	Sacral incidence to pubis: a novel and alternative morphologic radiological parameter to pelvic incidence in assessing spinopelvic sagittal alignment. <i>BMC Musculoskeletal Disorders</i> , 2021, 22, 214.	1.9	2
32	The odontoid-CSVL distance in a global population of asymptomatic volunteers: normative values and implications for spinal coronal alignment. <i>European Spine Journal</i> , 2021, 30, 3639-3646.	2.2	2
33	Specialized issue: Lumbar spinal stenosis. <i>European Journal of Orthopaedic Surgery and Traumatology</i> , 2016, 26, 679-679.	1.4	0
34	F-0924 A Comparative Study on Stiffness and Stability of Spinal Fixation Devices.. The Proceedings of the JSME Annual Meeting, 2001, IV.01.1, 73-74.	0.0	0
35	A Comparative Study on Stiffness and Stability of Spinal Fixation Devices with Destabilized Spinal Models. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2002, 2002.14, 151-152.	0.0	0
36	Biomechanical Effect of Lumbar Spinal Fusion and Stabilization on the Adjacent Segments. Proceedings of the JSME Bioengineering Conference and Seminar, 2002, 2002.13, 139-140.	0.0	0

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37	Intradiscal pressures measurement of adjacent-3-levels under flexion-extension. The Proceedings of the JSME Conference on Frontiers in Bioengineering, 2003, 2003.14, 119-120.	0.0	0
38	Biomechanical Effect of Spinal Instrumentation on the Adjacent Segments. The Proceedings of the Bioengineering Conference Annual Meeting of BED/JSME, 2003, 2003.15, 297-298.	0.0	0