Kazuhiro Hasegawa

List of Publications by Year
in descending order

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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	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. Spine Deformity, 2022, 10, 133-140.	1.5	3
2	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. BMC Musculoskeletal Disorders, 2022, 23, 22.	1.9	3
3	Pelvic thickness, sex, ethnicity, and age affect pelvic incidence in healthy volunteers of Multi-Ethnic Alignment Normative Study (MEANS) database. European Spine Journal, 2022, 31, 1421-1430.	2.2	6
4	Correlation analysis of the PI-LL mismatch according to the pelvic incidence from a database of 468 asymptomatic volunteers. European Spine Journal, 2022, 31, 1413-1420.	2.2	13
5	<i>Cone of Economy with the Chain of Balance</i>-Historical Perspective and Proof of Concept. Spine Surgery and Related Research, 2022, 6, 337-349.	0.7	15
6	Sacral incidence to pubis: a novel and alternative morphologic radiological parameter to pelvic incidence in assessing spinopelvic sagittal alignment. BMC Musculoskeletal Disorders, 2021, 22, 214.	1.9	2
7	The odontoid-CSVL distance in a global population of asymptomatic volunteers: normative values and implications for spinal coronal alignment. European Spine Journal, 2021, 30, 3639-3646.	2.2	2
8	Relative position of sacral base in the pelvis and its correlation with spino-pelvic parameters. European Spine Journal, 2020, 29, 446-454.	2.2	5
9	Health-Related Quality of Life in Nonoperated Patients With Adolescent Idiopathic Scoliosis in the Middle Years. Spine, 2020, 45, E83-E89.	2.0	22
10	Correction surgery for adult spinal deformity improves not only spinopelvic alignment but also the three-dimensional alignment of the lower extremities. Journal of Orthopaedic Science, 2020, 25, 946-952.	1.1	7
11	Etiology and clinical manifestations of double-level versus single-level lumbar degenerative spondylolisthesis. Journal of Orthopaedic Science, 2020, 25, 812-819.	1.1	6
12	Compensation for standing posture by whole-body sagittal alignment in relation to health-related quality of life. Bone and Joint Journal, 2020, 102-B, 1359-1367.	4.4	19
13	Lumbar lordosis does not correlate with pelvic incidence in the cases with the lordosis apex located at L3 or above. European Spine Journal, 2019, 28, 1948-1954.	2.2	17
14	En Bloc Spondylectomy for Spinal Metastases: Detailed Oncological Outcomes at a Minimum of 2 Years after Surgery. Asian Spine Journal, 2019, 13, 296-304.	2.0	25
15	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. BMC Musculoskeletal Disorders, 2018, 19, 437.	1.9	42
16	Sagittal balance measures are more reproducible when measured in 3D vs in 2D using full-body EOSÂ® images. European Radiology, 2018, 28, 4570-4577.	4.5	16
17	Relationship between sagittal radiographic parameters and disability in patients with spinal disease using 3D standing analysis. Orthopaedics and Traumatology: Surgery and Research, 2018, 104, 1017-1023.	2.0	10
18	Standing sagittal alignment of the whole axial skeleton with reference to the gravity line in humans. Journal of Anatomy, 2017, 230, 619-630.	1.5	92

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19	How Did the Pelvis and Vertebral Column Become a Functional Unit during the Transition from Occasional to Permanent Bipedalism?. Anatomical Record, 2017, 300, 912-931.	1.4	27
20	Specialized issue: Lumbar spinal stenosis. European Journal of Orthopaedic Surgery and Traumatology, 2016, 26, 679-679.	1.4	0
21	Normative values of spino-pelvic sagittal alignment, balance, age, and health-related quality of life in a cohort of healthy adult subjects. European Spine Journal, 2016, 25, 3675-3686.	2.2	160
22	Normative values for the spine shape parameters using 3D standing analysis from a database of 268 asymptomatic Caucasian and Japanese subjects. European Spine Journal, 2016, 25, 3630-3637.	2.2	128
23	Lumbar Degenerative Spondylolisthesis Is Not Always Unstable. Spine, 2014, 39, 2127-2135.	2.0	38
24	Present and Future Requirments for Materials in Spine Surgery. Materia Japan, 2014, 53, 134-138.	0.1	2
25	Biomechanical evaluation of destabilization following minimally invasive decompression for lumbar spinal canal stenosis. Journal of Neurosurgery: Spine, 2013, 18, 504-510.	1.7	21
26	Facet joint opening in lumbar degenerative diseases indicating segmental instability. Journal of Neurosurgery: Spine, 2010, 12, 687-693.	1.7	41
27	Evaluation of lumbar segmental instability in degenerative diseases by using a new intraoperative measurement system. Journal of Neurosurgery: Spine, 2008, 8, 255-262.	1.7	37
28	Indications for Cervical Pedicle Screw Instrumentation in Nontraumatic Lesions. Spine, 2008, 33, 2284-2289.	2.0	37
29	Margin-Free Spondylectomy for Extended Malignant Spine Tumors. Spine, 2007, 32, 142-148.	2.0	34
30	Upper Extremity Palsy Following Cervical Decompression Surgery Results From a Transient Spinal Cord Lesion. Spine, 2007, 32, E197-E202.	2.0	145
31	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
32	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
33	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
34	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
35	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
36	An Experimental Study of Porcine Lumbar Segmental Stiffness by the Distractionâ€“Compression Principle Using a Threaded Interbody Cage. Journal of Spinal Disorders, 2000, 13, 247-252.	1.1	11

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37	Interaction between AÎ²(1â^'42) and AÎ²(1â^'40) in Alzheimer's Î²-Amyloid Fibril Formation in Vitroâ€. Biochemistry, 1999, 38, 15514-15521.	2.5	204
38	Apolipoprotein E and Antioxidants Have Different Mechanisms of Inhibiting Alzheimer's Î²-Amyloid Fibril Formation in Vitroâ€. Biochemistry, 1998, 37, 17882-17889.	2.5	129