

Gabriel Liu

List of Publications by Year in descending order

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36
papers

430
citations

840776

11
h-index

839539

18
g-index

37
all docs

37
docs citations

37
times ranked

544
citing authors

#	ARTICLE	IF	CITATIONS
1	Postoperative complications of S2AI versus iliac screw in spinopelvic fixation: a meta-analysis and recent trends review. <i>Spine Journal</i> , 2020, 20, 964-972.	1.3	44
2	Rare coding variants in <i>MAPK7</i> predispose to adolescent idiopathic scoliosis. <i>Human Mutation</i> , 2017, 38, 1500-1510.	2.5	39
3	Revision Surgery Following Cervical Laminoplasty. <i>Spine</i> , 2009, 34, 2760-2768.	2.0	36
4	Is MIS-TLIF superior to open TLIF in obese patients?: A systematic review and meta-analysis. <i>European Spine Journal</i> , 2018, 27, 1877-1886.	2.2	35
5	Comparison of whole body sagittal alignment during directed vs natural, relaxed standing postures in young, healthy adults. <i>Spine Journal</i> , 2019, 19, 1832-1839.	1.3	35
6	Why Does C5 Palsy Occur After Prophylactic Bilateral C4-5 Foraminotomy in Open-Door Cervical Laminoplasty? A Risk Factor Analysis. <i>Global Spine Journal</i> , 2017, 7, 696-702.	2.3	22
7	Subcrestal Iliac-Screw. <i>Spine</i> , 2018, 43, E68-E74.	2.0	20
8	Intraoperative Neuromonitoring (IONM). <i>Spine</i> , 2019, 44, E219-E224.	2.0	16
9	Screw Back-Out Following "Open-Door" Cervical Laminoplasty: A Review of 165 Plates. <i>Asian Spine Journal</i> , 2015, 9, 849.	2.0	14
10	Normal variation in sagittal spinal alignment parameters in adult patients: an EOS study using serial imaging. <i>European Spine Journal</i> , 2018, 27, 578-584.	2.2	13
11	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
12	Morphology and Prevalence Study of Lumbar Scoliosis in 7,075 Multiracial Asian Adults. <i>Journal of Bone and Joint Surgery - Series A</i> , 2016, 98, 1307-1312.	3.0	11
13	Minimally invasive iliac screw fixation in treating painful metastatic lumbosacral deformity: a technique description and clinical results. <i>European Spine Journal</i> , 2016, 25, 4043-4051.	2.2	11
14	A patient-specific multibody kinematic model for representation of the scoliotic spine movement in frontal plane of the human body. <i>Multibody System Dynamics</i> , 2017, 39, 197-220.	2.7	11
15	The "Spinal Metastasis Invasiveness Index". <i>Spine</i> , 2021, 46, 478-485.	2.0	11
16	Minimally invasive dual iliac screw, dual rod fixation in a rare case of pathological sacral fracture from a paraganglionoma: a technique description. <i>Journal of Neurosurgery: Spine</i> , 2017, 27, 316-320.	1.7	10
17	Risk factors for surgical complications in the management of ossification of the posterior longitudinal ligament. <i>Spine Journal</i> , 2021, 21, 1176-1184.	1.3	8
18	Symptomatic Construct Failure after Metastatic Spine Tumor Surgery. <i>Asian Spine Journal</i> , 2021, 15, 481-490.	2.0	8

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19	A Computed Tomography Analysis of the Success of Spinal Fusion Using Ultra-Low Dose (0.7 mg per) Tj ETQq1 1 Deformity Surgery. <i>Asian Spine Journal</i> , 2018, 12, 1010-1016.	0.784314 2.0	8
20	Clinical outcomes of single-level lumbar artificial disc replacement compared with transforaminal lumbar interbody fusion in an Asian population. <i>Singapore Medical Journal</i> , 2015, 56, 208-211.	0.6	7
21	A new method to approximate loadâ€“displacement relationships of spinal motion segments for patient-specific multi-body models of scoliotic spine. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 1039-1050.	2.8	7
22	A Feasibility Study of a New Muscle Sparing â€œC3 Dome-Hybrid Open-Door Laminoplastyâ€•. <i>Spine</i> , 2020, 45, E1256-E1263.	2.0	7
23	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
24	Finding line of action of the force exerted on erect spine based on lateral bending test in personalization of scoliotic spine models. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 673-684.	2.8	5
25	Analysis of unplanned hospital readmissions up to 2-years after metastatic spine tumour surgery. <i>European Spine Journal</i> , 2021, 30, 2887-2895.	2.2	5
26	Risk Factors Predicting C- Versus S-shaped Sagittal Spine Profiles in Natural, Relaxed Sitting. <i>Spine</i> , 2020, 45, 1704-1712.	2.0	5
27	Asymptomatic Construct Failure after Metastatic Spine Tumor Surgery: A New Entity or a Continuum with Symptomatic Failure?. <i>Asian Spine Journal</i> , 2021, 15, 636-649.	2.0	4
28	A rare complication of tongue laceration following posterior spinal surgery using spinal cord monitoring: A case report. <i>Indian Journal of Anaesthesia</i> , 2014, 58, 773.	1.0	3
29	Minimally Invasive Dual Iliac-Screw and Dual-Rod Construct: A Case Report Describing Optimal Subcrestal Iliac-Screw Entry Points in the Surgical Treatment of Metastatic Lumbosacral Fracture. <i>Operative Neurosurgery</i> , 2019, 17, E219-E223.	0.8	2
30	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
31	Pelvic and sacral morphology and their correlation with pelvic incidence, lumbar lordosis, and lumbar alignment changes between standing and sitting postures. <i>Clinical Neurology and Neurosurgery</i> , 2021, 211, 107019.	1.4	2
32	Reply to the Letter to the Editor of L. Liang et al. concerning â€œIs MIS-TLIF superior to open TLIF in obese patients?: A systematic review and meta-analysisâ€• by Tan JH et al. (<i>Eur Spine J</i> , 2018; doi:) Tj ETQq0 0 0 rgBT /Overlook 10 Tf150 217 Td		
33	A novel hospital capacity versus clinical justification triage score (CCTS) for prioritization of spinal surgeries in the â€œnew normal state" of the COVID-19 pandemic. <i>European Spine Journal</i> , 2021, 30, 1247-1260.	2.2	1
34	Validation Study of Rajasekaranâ€™s Kyphosis Classification System: Do We Clearly Understand Single- and Two-Column Deficiencies?. <i>Asian Spine Journal</i> , 2020, 14, 475-488.	2.0	1
35	Does Cigarette Smoking Affect Cervical Laminoplasty Clinical and Radiologic Outcomes?. <i>Clinical Spine Surgery</i> , 2021, Publish Ahead of Print, .	1.3	1
36	How Can Biomechanical Multibody Models of Scoliosis Be Accurate in Simulating Spine Movement Behavior While Neglecting the Changes of Spinal Length?. <i>Journal of Biomechanical Engineering</i> , 2021, 143, .	1.3	0