

# Hwee Weng Dennis Hey

## List of Publications by Year in descending order

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Version: 2024-02-01

78  
papers

1,390  
citations

430874

18  
h-index

377865

34  
g-index

78  
all docs

78  
docs citations

78  
times ranked

1455  
citing authors

#	ARTICLE	IF	CITATIONS
1	Understanding the Pathophysiology of L5-S1 Loss of Lordosis and Retrolisthesis: An EOS Study of Lumbopelvic Movement Between Standing and Slump Sitting Postures. <i>World Neurosurgery</i> , 2022, 158, e654-e661.	1.3	4
2	Impact of COVID-19 on orthopaedic specialist training: a nationwide survey of orthopaedic residents in Singapore. <i>Singapore Medical Journal</i> , 2022, , .	0.6	0
3	The lateral entry point S2 alar-iliac (L-S2AI) screw: a preoperative computed tomography analysis of adult spinal deformity patients. <i>Spine Deformity</i> , 2022, 10, 669-678.	1.5	2
4	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
5	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
6	Microbial resistance to nanotechnologies: An important but understudied consideration using antimicrobial nanotechnologies in orthopaedic implants. <i>Bioactive Materials</i> , 2022, 16, 249-270.	15.6	24
7	The Impact of Static Distraction for Disc Regeneration in a Rabbit Model—A Longitudinal MRI Study. <i>IFMBE Proceedings</i> , 2021, , 101-107.	0.3	0
8	A novel hospital capacity versus clinical justification triage score (CCTS) for prioritization of spinal surgeries in the “new normal state” of the COVID-19 pandemic. <i>European Spine Journal</i> , 2021, 30, 1247-1260.	2.2	1
9	Sagittal Radiographic Parameters of the Spine in Three Physiological Postures Characterized Using a Slot Scanner and Their Potential Implications on Spinal Weight-Bearing Properties. <i>Asian Spine Journal</i> , 2021, 15, 23-31.	2.0	2
10	Titanium (Ti) cages may be superior to polyetheretherketone (PEEK) cages in lumbar interbody fusion: a systematic review and meta-analysis of clinical and radiological outcomes of spinal interbody fusions using Ti versus PEEK cages. <i>European Spine Journal</i> , 2021, 30, 1285-1295.	2.2	34
11	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
12	Optimum early orthopaedic surgery in COVID-19 patients. <i>Annals of the Academy of Medicine, Singapore</i> , 2021, 50, 250-254.	0.4	0
13	Fulcrum to Generate Maximum Extension of the Spine and Hip—Proposing A New Strategy using EOS Imaging for Patient-specific Assessment of Degenerated Lumbar Spines. <i>Spine</i> , 2021, 46, E832-E839.	2.0	1
14	Epidemiology of Neck Pain and Its Impact on Quality-of-Life—A Population-Based, Cross Sectional Study in Singapore. <i>Spine</i> , 2021, 46, 1572-1580.	2.0	5
15	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
16	Understanding “Kyphosis” and “Lordosis” for Sagittal Balancing in Two Common Standing Postures. <i>Spine</i> , 2021, Publish Ahead of Print, 1603-1611.	2.0	2
17	Audit and Comparison Between Radiographic Markers of Gaze Direction Using EOS Imaging—An Essential Step to Streamline Existing Methods. <i>Spine</i> , 2021, Publish Ahead of Print, E1202-E1210.	2.0	0
18	The Impact of Radiographic Lower Limb-Spinal Length Proportion on Whole-Body Sagittal Alignment. <i>Spine</i> , 2021, Publish Ahead of Print, E38-E45.	2.0	1

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19	Challenges to the orthopedic resident workforce during the first wave of COVID-19 pandemic: Lessons learnt from a global cross-sectional survey. <i>Journal of Orthopaedics</i> , 2021, 27, 103-113.	1.3	3
20	Paraspinal Myopathy-Induced Intervertebral Disc Degeneration and Thoracolumbar Kyphosis in TSC1mKO Mice Model – A Preliminary Study. <i>Spine Journal</i> , 2021, , .	1.3	6
21	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
22	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
23	A 10-Year Radiographic Study Comparing Anterior Versus Posterior Instrumented Spinal Fusion in Patients With Lenke Type 5 Adolescent Idiopathic Scoliosis. <i>Spine</i> , 2020, 45, 612-620.	2.0	10
24	The impact of COVID-19 pandemic on orthopaedic resident education: a nationwide survey study in South Korea. <i>International Orthopaedics</i> , 2020, 44, 2203-2210.	1.9	43
25	Characterization of Sagittal Spine Alignment With Reference to the Gravity Line and Vertebral Slopes. <i>Spine</i> , 2020, 45, E481-E488.	2.0	14
26	Accuracy of freehand pedicle screws versus lateral mass screws in the subaxial cervical spine. <i>Spine Deformity</i> , 2020, 8, 1049-1058.	1.5	5
27	Sagittal alignment of the cervical spine: do we know enough for successful surgery?. <i>Journal of Spine Surgery</i> , 2020, 6, 124-135.	1.2	25
28	Cervical spine pathology and treatment: a global overview. <i>Journal of Spine Surgery</i> , 2020, 6, 340-350.	1.2	13
29	The 2019 Cervical Spine Research Society (CSRS) Asia Pacific Traveling Fellowship. <i>Clinical Spine Surgery</i> , 2020, 33, 393-399.	1.3	0
30	Risk Factors Predicting C- Versus S-shaped Sagittal Spine Profiles in Natural, Relaxed Sitting. <i>Spine</i> , 2020, 45, 1704-1712.	2.0	5
31	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
32	Intraoperative Neuromonitoring (IONM). <i>Spine</i> , 2019, 44, E219-E224.	2.0	16
33	The Predictive Value of Preoperative Health-Related Quality-of-Life Scores on Postoperative Patient-Reported Outcome Scores in Lumbar Spine Surgery. <i>Global Spine Journal</i> , 2018, 8, 156-163.	2.3	20
34	Answer to the Letter to the Editor of A. Malhotra concerning –The utility of magnetic resonance imaging in addition to computed tomography scans in the evaluation of cervical spine injuries: a study of obtunded blunt trauma patients–by B. P. H. Lau, et al. ( <i>Eur Spine J</i> [2017]; doi:10.1007/s00586-017-5317-y). <i>European Spine Journal</i> , 2018, 27, 249-250.	2.2	1
35	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
36	Evaluation of Prognostic Factors and Proposed Changes to the Modified Tokuhashi Score in Patients With Spinal Metastases From Breast Cancer. <i>Spine</i> , 2018, 43, 512-519.	2.0	14

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37	Radiologically defining horizontal gaze using EOS imaging—a prospective study of healthy subjects and a retrospective audit. <i>Spine Journal</i> , 2018, 18, 954-961.	1.3	7
38	Spinal Implants can be Retained in Patients with Deep Spine Infection: A Cohort Study. <i>Journal of Orthopaedics, Trauma and Rehabilitation</i> , 2018, 24, 34-38.	0.1	2
39	The utility of magnetic resonance imaging in addition to computed tomography scans in the evaluation of cervical spine injuries: a study of obtunded blunt trauma patients. <i>European Spine Journal</i> , 2018, 27, 1028-1033.	2.2	10
40	Using spinopelvic parameters to estimate residual lumbar lordosis assuming previous lumbosacral fusion—a study of normative values. <i>Spine Journal</i> , 2018, 18, 422-429.	1.3	6
41	Patient and radiographer assessment of slump sitting flexion compared to conventional standing forward bending flexion. <i>Journal of Spine Surgery</i> , 2018, 4, 750-756.	1.2	3
42	The Effectiveness of Full-body EOS Compared With Conventional Chest X-ray in Preoperative Evaluation of the Chest for Patients Undergoing Spine Operations. <i>Spine</i> , 2018, 43, 1502-1511.	2.0	4
43	Annulo-Nucleoplasty Using Disc-Fx in the Management of Degenerative Lumbar Disc Pathology: How Long Can the Effect Last?. <i>Global Spine Journal</i> , 2018, 8, 365-373.	2.3	7
44	The Influence of Histologic Subtype in Predicting Survival of Lung Cancer Patients With Spinal Metastases. <i>Clinical Spine Surgery</i> , 2018, 31, E1-E7.	1.3	4
45	Is Intraoperative Local Vancomycin Powder the Answer to Surgical Site Infections in Spine Surgery?. <i>Spine</i> , 2017, 42, 267-274.	2.0	105
46	How the spine differs in standing and in sitting—important considerations for correction of spinal deformity. <i>Spine Journal</i> , 2017, 17, 799-806.	1.3	78
47	Reproducibility of sagittal radiographic parameters in adolescent idiopathic scoliosis—a guide to reference values using serial imaging. <i>Spine Journal</i> , 2017, 17, 830-836.	1.3	11
48	Spinal Implants Can Be Inserted in Patients With Deep Spine Infection. <i>Spine</i> , 2017, 42, E490-E495.	2.0	20
49	Cervical Alignment Variations in Different Postures and Predictors of Normal Cervical Kyphosis. <i>Spine</i> , 2017, 42, 1614-1621.	2.0	46
50	How are patients influenced when counseled for minimally invasive lumbar spine surgeries? A stepwise model assessing pivotal information for decision-making. <i>Spine Journal</i> , 2017, 17, 1134-1140.	1.3	4
51	Lumbar Spine Alignment in Six Common Postures. <i>Spine</i> , 2017, 42, 1447-1455.	2.0	38
52	Prevalence and Predictors of Pressure Injuries From Spine Surgery in the Prone Position. <i>Spine</i> , 2017, 42, 1730-1736.	2.0	19
53	The effectiveness of low-dose and high-dose tranexamic acid in posterior lumbar interbody fusion: a double-blinded, placebo-controlled randomized study. <i>European Spine Journal</i> , 2017, 26, 2851-2857.	2.2	40
54	Supra-acetabular line is better than supra-iliac line for coronal balance referencing—a study of perioperative whole spine X-rays in degenerative lumbar scoliosis and ankylosing spondylitis patients. <i>Spine Journal</i> , 2017, 17, 1837-1845.	1.3	8

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55	Delayed lymphocele formation following lateral lumbar interbody fusion of the spine. <i>European Spine Journal</i> , 2017, 26, 36-41.	2.2	11
56	Slump sitting X-ray of the lumbar spine is superior to the conventional flexion view in assessing lumbar spine instability. <i>Spine Journal</i> , 2017, 17, 360-368.	1.3	27
57	T9 versus T10 as the upper instrumented vertebra for correction of adult deformity—rationale and recommendations. <i>Spine Journal</i> , 2017, 17, 615-621.	1.3	16
58	Differences in erect sitting and natural sitting spinal alignment—insights into a new paradigm and implications in deformity correction. <i>Spine Journal</i> , 2017, 17, 183-189.	1.3	58
59	Distal junctional failure secondary to L5 vertebral fracture—a report of two rare cases. <i>Journal of Spine Surgery</i> , 2017, 3, 87-91.	1.2	5
60	Traumatic dislocation of the S1 polyaxial pedicle screw head: a case report. <i>Journal of Spine Surgery</i> , 2017, 3, 95-101.	1.2	2
61	Evaluation of Scoring Systems and Prognostic Factors in Patients With Spinal Metastases From Lung Cancer. <i>Spine</i> , 2016, 41, 638-644.	2.0	23
62	Radiographical definition of the proximal tibiofibular joint — A cross-sectional study of 2984 knees and literature review. <i>Injury</i> , 2016, 47, 1276-1281.	1.7	8
63	Subsequent Vertebral Fractures Post Cement Augmentation of the Thoracolumbar Spine. <i>Spine</i> , 2016, 41, 368.	2.0	0
64	Interpretation of hip fracture patterns using areal bone mineral density in the proximal femur. <i>Archives of Orthopaedic and Trauma Surgery</i> , 2015, 135, 1647-1653.	2.4	19
65	Congenital Absence of the Posterior Arch of the Atlas with Concomitant Fusion to the Axis: A Case Report. <i>Journal of Orthopaedic Surgery</i> , 2015, 23, 402-404.	1.0	3
66	Open and Minimally Invasive Transforaminal Lumbar Interbody Fusion: Comparison of Intermediate Results and Complications. <i>Asian Spine Journal</i> , 2015, 9, 185.	2.0	38
67	Clinically relevant heterotopic ossification after elbow fracture surgery: A risk factors study. <i>Orthopaedics and Traumatology: Surgery and Research</i> , 2015, 101, 209-213.	2.0	77
68	Ossifications hétérotopiques après chirurgie des fractures du coude: facteurs de risque. <i>Revue De Chirurgie Orthopédique Et Traumatologique</i> , 2015, 101, 144.	0.0	0
69	Is hybrid surgery of the cervical spine a good balance between fusion and arthroplasty? Pilot results from a single surgeon series. <i>European Spine Journal</i> , 2013, 22, 116-122.	2.2	58
70	Unilateral Isolated Coalition of the Scaphoid and Trapezium: A Rare Incidental Finding. <i>Journal of Hand Surgery</i> , 2013, 38, 207-208.	1.6	7
71	Post-Laminectomy Spondylolisthesis - A Review of the Posterior Elements and their Contribution to the Stability of the Lumbar Spine. <i>Open Spine Journal</i> , 2012, 4, 5-9.	0.4	2
72	Antibiotics for Diabetic Foot Infections. , 2012, , 249-252.		0

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73	Basic Science of Wound Healing. , 2012, , 89-95.		2
74	Prevalence of Carpal Fracture in Singapore. Journal of Hand Surgery, 2011, 36, 278-283.	1.6	70
75	Deep Peroneal Nerve Entrapment by a Spiral Fibular Fracture. Journal of Bone and Joint Surgery - Series A, 2011, 93, e113.	3.0	11
76	Hand injuries seen at an emergency department in Singapore. European Journal of Emergency Medicine, 2010, 17, 343-345.	1.1	11
77	Lumbar degenerative spinal deformity: Surgical options of PLIF, TLIF and MI-TLIF. Indian Journal of Orthopaedics, 2010, 44, 159-162.	1.1	36
78	Prevalence of refractive errors in teenage high school students in Singapore. Ophthalmic and Physiological Optics, 2004, 24, 47-55.	2.0	160