

Hee-Kit Wong

List of Publications by Year in descending order

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55
papers

1,319
citations

394421

19
h-index

361022

35
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55
all docs

55
docs citations

55
times ranked

1570
citing authors

#	ARTICLE	IF	CITATIONS
1	Idiopathic Scoliosis in Singapore Schoolchildren. <i>Spine</i> , 2005, 30, 1188-1196.	2.0	134
2	Is Intraoperative Local Vancomycin Powder the Answer to Surgical Site Infections in Spine Surgery?. <i>Spine</i> , 2017, 42, 267-274.	2.0	105
3	Biological performance of a polycaprolactone-based scaffold used as fusion cage device in a large animal model of spinal reconstructive surgery. <i>Biomaterials</i> , 2009, 30, 5086-5093.	11.4	101
4	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
5	Results of Thoracoscopic Instrumented Fusion versus Conventional Posterior Instrumented Fusion in Adolescent Idiopathic Scoliosis Undergoing Selective Thoracic Fusion. <i>Spine</i> , 2004, 29, 2031-2038.	2.0	71
6	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
7	In vivo bioactivity of rhBMP-2 delivered with novel polyelectrolyte complexation shells assembled on an alginate microbead core template. <i>Journal of Controlled Release</i> , 2012, 162, 364-372.	9.9	47
8	Cervical Alignment Variations in Different Postures and Predictors of Normal Cervical Kyphosis. <i>Spine</i> , 2017, 42, 1614-1621.	2.0	46
9	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
10	Silk Fibroin-Based Complex Particles with Bioactive Encrustation for Bone Morphogenetic Protein 2 Delivery. <i>Biomacromolecules</i> , 2013, 14, 4465-4474.	5.4	43
11	The natural history of adolescent idiopathic scoliosis. <i>Indian Journal of Orthopaedics</i> , 2010, 44, 9-13.	1.1	38
12	Lumbar Spine Alignment in Six Common Postures. <i>Spine</i> , 2017, 42, 1447-1455.	2.0	38
13	Non-Fusion Surgical Correction of Thoracic Idiopathic Scoliosis Using a Novel, Braided Vertebral Body Tethering Device. <i>JBJS Open Access</i> , 2019, 4, e0026.	1.5	36
14	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
15	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
16	Fusion Performance of Low-Dose Recombinant Human Bone Morphogenetic Protein 2 and Bone Marrow-Derived Multipotent Stromal Cells in Biodegradable Scaffolds. <i>Spine</i> , 2011, 36, 1752-1759.	2.0	34
17	Autogenous Bone Marrow Stromal Cell Sheets-Loaded mPCL/TCP Scaffolds Induced Osteogenesis in a Porcine Model of Spinal Interbody Fusion. <i>Tissue Engineering - Part A</i> , 2011, 17, 809-817.	3.1	31
18	Enhanced Control of <i>In Vivo</i> Bone Formation with Surface Functionalized Alginate Microbeads Incorporating Heparin and Human Bone Morphogenetic Protein-2. <i>Tissue Engineering - Part A</i> , 2013, 19, 350-359.	3.1	30

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19	Spinal Implants Can Be Inserted in Patients With Deep Spine Infection. <i>Spine</i> , 2017, 42, E490-E495.	2.0	20
20	Subcrestal Iliac-Screw. <i>Spine</i> , 2018, 43, E68-E74.	2.0	20
21	Effects of Corticosteroids on Nerve Root Recovery After Spinal Nerve Root Compression. <i>Clinical Orthopaedics and Related Research</i> , 2002, 403, 248-252.	1.5	19
22	Minimizing the Severity of rhBMP-2-Induced Inflammation and Heterotopic Ossification With a Polyelectrolyte Carrier Incorporating Heparin on Microbead Templates. <i>Spine</i> , 2013, 38, 1452-1458.	2.0	19
23	Bone marrow-derived mesenchymal stem cells assembled with low-dose BMP-2 in a three-dimensional hybrid construct enhances posterolateral spinal fusion in syngeneic rats. <i>Spine Journal</i> , 2015, 15, 2552-2563.	1.3	19
24	Sequestration of rhBMP-2 into Self-Assembled Polyelectrolyte Complexes Promotes Anatomic Localization of New Bone in a Porcine Model of Spinal Reconstructive Surgery. <i>Tissue Engineering - Part A</i> , 2014, 20, 1679-1688.	3.1	15
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	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
27	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
28	Fabrication of polycaprolactone-silanated β -tricalcium phosphate-heparan sulfate scaffolds for spinal fusion applications. <i>Spine Journal</i> , 2018, 18, 818-830.	1.3	12
29	Locating the Site of Neuropathic Pain <i>in Vivo</i> Using MMP-12-Targeted Magnetic Nanoparticles. <i>Pain Research and Management</i> , 2019, 2019, 1-11.	1.8	12
30	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
31	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
32	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
33	Delayed lymphocele formation following lateral lumbar interbody fusion of the spine. <i>European Spine Journal</i> , 2017, 26, 36-41.	2.2	11
34	Heparin-Based Polyelectrolyte Complex Enhances the Therapeutic Efficacy of Bone Morphogenetic Protein-2 for Posterolateral Fusion in a Large Animal Model. <i>Spine</i> , 2016, 41, 1199-1207.	2.0	9
35	Synergistic Effect of NELL-1 and an Ultra-Low Dose of BMP-2 on Spinal Fusion. <i>Tissue Engineering - Part A</i> , 2019, 25, 1677-1689.	3.1	8
36	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

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37	Symptomatic Construct Failure after Metastatic Spine Tumor Surgery. <i>Asian Spine Journal</i> , 2021, 15, 481-490.	2.0	8
38	A Computed Tomography Analysis of the Success of Spinal Fusion Using Ultra-Low Dose (0.7 mg per Tj ETQq0 0 0 rgBT /Overlock 10 TF Deformity Surgery. <i>Asian Spine Journal</i> , 2018, 12, 1010-1016.	2.0	8
39	Dose-dependent Nerve Inflammatory Response to rhBMP-2 in a Rodent Spinal Nerve Model. <i>Spine</i> , 2017, 42, E933-E938.	2.0	6
40	Bone marrow mesenchymal stem cells with low dose bone morphogenetic protein 2 enhances scaffold-based spinal fusion in a porcine model. <i>Journal of Tissue Engineering and Regenerative Medicine</i> , 2022, 16, 63-75.	2.7	6
41	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
42	Risk Factors Predicting C- Versus S-shaped Sagittal Spine Profiles in Natural, Relaxed Sitting. <i>Spine</i> , 2020, 45, 1704-1712.	2.0	5
43	CORR Insights®: Increased Radiation but No Benefits in Pedicle Screw Accuracy With Navigation versus a Freehand Technique in Scoliosis Surgery. <i>Clinical Orthopaedics and Related Research</i> , 2018, 476, 1028-1030.	1.5	4
44	Bone Regeneration by Controlled Release of Bone Morphogenetic Protein-2: A Rabbit Spinal Fusion Chamber Molecular Study. <i>Tissue Engineering - Part A</i> , 2019, 25, 1356-1368.	3.1	4
45	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
46	Should We Still Use Red Flags in the Diagnosis of Low Back Pain?. <i>Journal of Bone and Joint Surgery - Series A</i> , 2018, 100, e31.	3.0	3
47	ProDisc®C versus anterior cervical discectomy and fusion for the surgical treatment of symptomatic cervical disc disease: two-year outcomes of Asian prospective randomized controlled multicentre study. <i>European Spine Journal</i> , 2022, 31, 1260-1272.	2.2	3
48	Improving the handling properties and long-term stability of polyelectrolyte complex by freeze-drying technique for low-dose bone morphogenetic protein 2 delivery. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2020, 108, 2450-2460.	3.4	2
49	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
50	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
51	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
52	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
53	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
54	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

#	ARTICLE	IF	CITATIONS
55	The Impact of Radiographic Lower Limb-Spinal Length Proportion on Whole-Body Sagittal Alignment. Spine, 2021, Publish Ahead of Print, E38-E45.	2.0	1