

Hoon Choi

List of Publications by Year in descending order

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14
papers

100
citations

1684188

5
h-index

1474206

9
g-index

14
all docs

14
docs citations

14
times ranked

44
citing authors

#	ARTICLE	IF	CITATIONS
1	A biomechanical investigation of lumbar interbody fusion techniques. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 125, 104961.	3.1	7
2	Biomechanical Analysis of 3-Level Anterior Cervical Discectomy and Fusion Under Physiologic Loads Using a Finite Element Model. <i>Neurospine</i> , 2022, 19, 385-392.	2.9	3
3	Comparative Finite Element Modeling Study of Anterior Cervical Arthrodesis Versus Cervical Arthroplasty With Bryan Disc or Prodisc C. <i>Military Medicine</i> , 2021, 186, 737-744.	0.8	8
4	A Comparison Study of Four Cervical Disk Arthroplasty Devices Using Finite Element Models. <i>Asian Spine Journal</i> , 2021, 15, 283-293.	2.0	9
5	Biomechanical effects of uncinata process excision in cervical disc arthroplasty. <i>Clinical Biomechanics</i> , 2021, 89, 105451.	1.2	3
6	Vertebral Level-dependent Kinematics of Female and Male Necks Under G+x Loading. <i>Military Medicine</i> , 2021, 186, 619-624.	0.8	2
7	Upright Magnetic Resonance Imaging Study of Cervical Flexor/Extensor Musculature and Cervical Lordosis in Females After Helmet Wear. <i>Military Medicine</i> , 2021, 186, 632-638.	0.8	4
8	Unique biomechanical signatures of Bryan, Prodisc C, and Prestige LP cervical disc replacements: a finite element modelling study. <i>European Spine Journal</i> , 2020, 29, 2631-2639.	2.2	27
9	Uncertainty Evaluations for Risk Assessment in Impact Injuries and Implications for Clinical Practice. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 877.	4.1	0
10	External and internal responses of cervical disc arthroplasty and anterior cervical discectomy and fusion: A finite element modeling study. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 106, 103735.	3.1	15
11	Effects of different severities of disc degeneration on the range of motion of cervical spine. <i>Journal of Craniovertebral Junction and Spine</i> , 2020, 11, 269.	0.8	3
12	Biomechanical Study of Cervical Disc Arthroplasty Devices Using Finite Element Models. , 2020, , .		1
13	A Comparative in vivo Study of Semi-constrained and Unconstrained Cervical Artificial Disc Prostheses. <i>Military Medicine</i> , 2019, 184, 637-643.	0.8	13
14	Delayed Retroclival and Cervical Spinal Subdural Hematoma Complicated by Preexisting Chiari Malformation in Adult Trauma Patient. <i>World Neurosurgery</i> , 2017, 105, 1039.e1-1039.e5.	1.3	5