Anup A Gandhi

List of Publications by Year
in descending order

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16 papers	289 citations	1478505 6 h-index	1058476 14 g-index
17 all docs	17 docs citations	17 times ranked	318 citing authors

#	Article	IF	Citations
1	Validation of a C2â€“C7 cervical spine finite element model using specimen-specific flexibility data. Medical Engineering and Physics, 2010, 32, 482-489.	1.7	122
2	Biomechanical Analysis of Cervical Disc Replacement and Fusion Using Single Level, Two Level, and Hybrid Constructs. Spine, 2015, 40, 1578-1585.	2.0	68
3	Biomechanical Analysis of the Cervical Spine Following Disc Degeneration, Disc Fusion, and Disc Replacement: A Finite Element Study. International Journal of Spine Surgery, 2019, 13, 491-500.	1.5	23
4	Effect of Multilevel Open-Door Laminoplasty and Laminectomy on Flexibility of the Cervical Spine. Spine, 2012, 37, E1165-E1170.	2.0	19
5	Considerations for the Use of C7 Crossing Laminar Screws in Subaxial and Cervicothoracic Instrumentation. Spine, 2013, 38, E199-E204.	2.0	14
6	Biomechanical Analysis of the Intact and Destabilized Sheep Cervical Spine. Spine, 2012, 37, E957-E963.	2.0	13
7	Sheep cervical spine biomechanics: a finite element study. Iowa orthopaedic journal, The, 2014, 34, 137-43.	0.5	7
8	Cervical laminoplasty construct stability: an experimental and finite element investigation. Iowa orthopaedic journal, The, 2011, 31, 207-14.	0.5	6
9	An In Vitro Biomechanical Evaluation of a Lateral Lumbar Interbody Fusion Device With Integrated Lateral Modular Plate Fixation. Global Spine Journal, 2021, 11, 351-358.	2.3	5
10	Advancements in Spine FE Mesh Development: Toward Patient-Specific Models. Studies in Mechanobiology, Tissue Engineering and Biomaterials, 2011, , 75-101.	1.0	3
11	A model for evaluating the biomechanics of rib fracture fixation. Clinical Biomechanics, 2020, 80, 105191.	1.2	3
12	P15. Power-assisted pedicle screw placement decreases screw wobble. Spine Journal, 2020, 20, S154-S155.	1.3	3
13	A Biomechanical Evaluation of a Next-Generation Integrated and Modular ACDF Device Possessing Full-Plate, Half-Plate, and No-Profile Fixation Iterations. Global Spine Journal, 2019, 9, 826-833.	2.3	2
14	Assessment of BioPlex interbody fusion device in a sheep lumbar fusion model. Iowa orthopaedic journal, The, 2013, 33, 33-9.	0.5	1
15	Subject-Specific Experimental Validation of a C27 Cervical Spine Finite Element Model. , 2009, , .		0
16	In Vitro Study of the C2-C7 Sheep Cervical Spine. , 2011, , .		0