

# Sajal Chirvi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12049951/publications.pdf>

Version: 2024-02-01

12  
papers

102  
citations

1478505

6  
h-index

1372567

10  
g-index

12  
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12  
docs citations

12  
times ranked

71  
citing authors

#	ARTICLE	IF	CITATIONS
1	Foot-ankle Fractures and Injury Probability Curves from Post-mortem Human Surrogate Tests. <i>Annals of Biomedical Engineering</i> , 2016, 44, 2937-2947.	2.5	30
2	Biomechanical tolerance of whole lumbar spines in straightened posture subjected to axial acceleration. <i>Journal of Orthopaedic Research</i> , 2018, 36, 1747-1756.	2.3	18
3	Human Foot-Ankle Injuries and Associated Risk Curves from Under Body Blast Loading Conditions. <i>Stapp Car Crash Journal</i> , 2017, 61, 157-173.	1.1	11
4	Foot-ankle complex injury risk curves using calcaneus bone mineral density data. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2017, 72, 246-251.	3.1	10
5	Role of age and injury mechanism on cervical spine injury tolerance from head contact loading. <i>Traffic Injury Prevention</i> , 2018, 19, 165-172.	1.4	10
6	Hybrid III Lower Leg Injury Assessment Reference Curves Under Axial Impacts Using Matched-Pair Tests. <i>Biomedical Sciences Instrumentation</i> , 2015, 51, 230-7.	0.2	6
7	Coherence-multiplexed, label-free biomolecular interaction analysis. <i>Optics Letters</i> , 2012, 37, 2952.	3.3	4
8	Trabecular bone mineral density correlations using QCT: Central and peripheral human skeleton. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2020, 112, 104076.	3.1	4
9	Injury Risk Curves for the Human Cervical Spine from Inferior-to-Superior Loading. <i>Stapp Car Crash Journal</i> , 2018, 62, 271-292.	1.1	3
10	An Examination of Isolated and Interaction-Based Biomechanical Metrics for Potential Lower Neck Injury Criteria. , 2015, , .		2
11	Preliminary female cervical spine injury risk curves from PMHS tests. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2018, 83, 143-147.	3.1	2
12	Calcaneus fracture pattern and severity: Role of local trabecular bone density. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2022, 134, 105332.	3.1	2