

# Vahhab Zarei

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9363533/publications.pdf>

Version: 2024-02-01

5  
papers

98  
citations

1684188  
5  
h-index

2053705  
5  
g-index

5  
all docs

5  
docs citations

5  
times ranked

64  
citing authors

#	ARTICLE	IF	CITATIONS
1	Collagen Organization in Facet Capsular Ligaments Varies With Spinal Region and With Ligament Deformation. <i>Journal of Biomechanical Engineering</i> , 2017, 139, .	1.3	27
2	Image-based multiscale mechanical modeling shows the importance of structural heterogeneity in the human lumbar facet capsular ligament. <i>Biomechanics and Modeling in Mechanobiology</i> , 2017, 16, 1425-1438.	2.8	26
3	Tissue loading and microstructure regulate the deformation of embedded nerve fibres: predictions from single-scale and multiscale simulations. <i>Journal of the Royal Society Interface</i> , 2017, 14, 20170326.	3.4	24
4	Multiscale mechanics of the cervical facet capsular ligament, with particular emphasis on anomalous fiber realignment prior to tissue failure. <i>Biomechanics and Modeling in Mechanobiology</i> , 2018, 17, 133-145.	2.8	15
5	Multiscale modelling of the human lumbar facet capsular ligament: analysing spinal motion from the joint to the neurons. <i>Journal of the Royal Society Interface</i> , 2018, 15, 20180550.	3.4	6