

# Hossein Ahmadian

## List of Publications by Year in descending order

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6  
papers

100  
citations

1478505

6  
h-index

1872680

6  
g-index

6  
all docs

6  
docs citations

6  
times ranked

86  
citing authors

#	ARTICLE	IF	CITATIONS
1	A digital twin for simulating the vertebroplasty procedure and its impact on mechanical stability of vertebra in cancer patients. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3600.	2.1	11
2	Toward an artificial intelligence-assisted framework for reconstructing the digital twin of vertebra and predicting its fracture response. International Journal for Numerical Methods in Biomedical Engineering, 2022, 38, e3601.	2.1	11
3	Effect of resin-rich zones on the failure response of carbon fiber reinforced polymers. International Journal of Solids and Structures, 2020, 188-189, 74-87.	2.7	25
4	Effects of shape and misalignment of fibers on the failure response of carbon fiber reinforced polymers. Computational Mechanics, 2019, 63, 999-1017.	4.0	20
5	An integrated computational framework for simulating the failure response of carbon fiber reinforced polymer composites. Computational Mechanics, 2017, 60, 1033-1055.	4.0	11
6	3D hierarchical interface-enriched finite element method: Implementation and applications. Journal of Computational Physics, 2015, 299, 45-55.	3.8	22