

Charles Simoneau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10782725/publications.pdf>

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6
papers

235
citations

1478505

6
h-index

1872680

6
g-index

6
all docs

6
docs citations

6
times ranked

228
citing authors

#	ARTICLE	IF	CITATIONS
1	Femoral stem incorporating a diamond cubic lattice structure: Design, manufacture and testing. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 58-72.	3.1	80
2	Development of a porous metallic femoral stem: Design, manufacturing, simulation and mechanical testing. Materials and Design, 2017, 114, 546-556.	7.0	79
3	Development and in vitro validation of a simplified numerical model for the design of a biomimetic femoral stem. Journal of the Mechanical Behavior of Biomedical Materials, 2018, 77, 539-550.	3.1	37
4	Adaptive Composite Panel with Embedded SMA Actuators: Modeling and Validation. Mechanics Based Design of Structures and Machines, 2014, 42, 174-192.	4.7	20
5	Design, manufacturing, and testing of an adaptive composite panel with embedded shape memory alloy actuators. Journal of Intelligent Material Systems and Structures, 2015, 26, 2055-2072.	2.5	13
6	Modeling of metallic foam morphology using the Representative Volume Element approach: Development and experimental validation. International Journal of Solids and Structures, 2014, 51, 3633-3641.	2.7	6