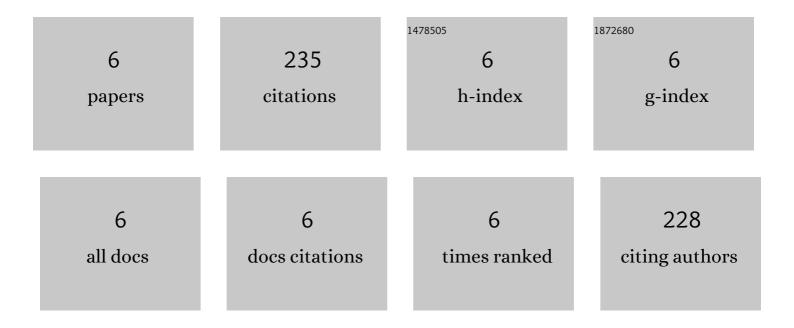
Charles Simoneau

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10782725/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	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
3	Development of a porous metallic femoral stem: Design, manufacturing, simulation and mechanical testing. Materials and Design, 2017, 114, 546-556.	7.0	79
4	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
5	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
6	Adaptive Composite Panel with Embedded SMA Actuators: Modeling and Validation. Mechanics Based Design of Structures and Machines, 2014, 42, 174-192.	4.7	20