

Sebastian L Fuchs

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7300635/publications.pdf>

Version: 2024-02-01

7
papers

163
citations

1651377

6
h-index

1905433

7
g-index

7
all docs

7
docs citations

7
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Global Sensitivity Analysis of a Homogenized Constrained Mixture Model of Arterial Growth and Remodeling. <i>Journal of Elasticity</i> , 2021, 145, 191-221.	0.9	9
2	An SPH framework for fluid–solid and contact interaction problems including thermo-mechanical coupling and reversible phase transitions. <i>Advanced Modeling and Simulation in Engineering Sciences</i> , 2021, 8, .	0.7	6
3	A novel smoothed particle hydrodynamics formulation for thermo-capillary phase change problems with focus on metal additive manufacturing melt pool modeling. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 381, 113812.	3.4	36
4	Physics–based modeling and predictive simulation of powder bed fusion additive manufacturing across length scales. <i>GAMM Mitteilungen</i> , 2021, 44, e202100014.	2.7	12
5	A novel smoothed particle hydrodynamics and finite element coupling scheme for fluid–structure interaction: The sliding boundary particle approach. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 383, 113922.	3.4	21
6	Mechanics of the stomach: A review of an emerging field of biomechanics. <i>GAMM Mitteilungen</i> , 2019, 42, e201900001.	2.7	59
7	Computational model of gastric motility with active–strain electromechanics. <i>ZAMM Zeitschrift Fur Angewandte Mathematik Und Mechanik</i> , 2018, 98, 2177-2197.	0.9	20