

# Rose Rogin Gilbert

## List of Publications by Year in descending order

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11  
papers

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1478505

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1474206

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g-index

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docs citations

11  
times ranked

113  
citing authors

#	ARTICLE	IF	CITATIONS
1	Material parameter identification of unidirectional fiber-reinforced composites. Archive of Applied Mechanics, 2021, 91, 687-712.	2.2	9
2	Material parameter identification using finite elements with time-adaptive higher-order time integration and experimental full-field strain information. Computational Mechanics, 2021, 68, 633-650.	4.0	10
3	Experimental characterization, analytical and numerical investigations of metal/polymer/metal sandwich composites – Part 2: Free bending. Composite Structures, 2020, 232, 111421.	5.8	19
4	Experiment, modeling and simulation of bypassing holes in composites. Composite Structures, 2020, 234, 111666.	5.8	4
5	Simulating the temporal change of the active response of arteries by finite elements with high-order time-integrators. Computational Mechanics, 2019, 64, 1669-1684.	4.0	6
6	Identifiability of material parameters in solid mechanics. Archive of Applied Mechanics, 2018, 88, 3-26.	2.2	35
7	From Experiment to Material Parameter Identification. Proceedings in Applied Mathematics and Mechanics, 2018, 18, e201800440.	0.2	0
8	Experimental characterization, analytical and numerical investigations of metal/polymer/metal sandwich composites – Part 1: Deep drawing. Composite Structures, 2018, 202, 1308-1321.	5.8	26
9	Basic studies in biaxial tensile tests. GAMM Mitteilungen, 2018, 41, e201800004.	5.5	18
10	Numerical modeling of active response of arteries. Proceedings in Applied Mathematics and Mechanics, 2017, 17, 189-190.	0.2	0
11	Problems in parameter identification of the passive response in human arteries. Proceedings in Applied Mathematics and Mechanics, 2016, 16, 83-84.	0.2	3