

# Komal Chawla

## List of Publications by Year in descending order

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Version: 2024-02-01

9  
papers

28  
citations

2258059

3  
h-index

2053705

5  
g-index

9  
all docs

9  
docs citations

9  
times ranked

10  
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical model for damping behaviour of an orthotropic cantilever hollow member with polygonal perforations. Applied Mathematical Modelling, 2022, 101, 716-728.	4.2	1
2	Numerical predictions for the effect of negative Poisson's ratio on thermoelastic properties of triply periodic minimal surface-based composites. Results in Materials, 2022, , 100273.	1.8	0
3	Micromechanical effect of pores on elastic properties of polymer matrix composites. Polymer Composites, 2021, 42, 1497-1518.	4.6	7
4	Amplitude dependent damping behaviour of fundamental mode for CFRP composite tubes: Effect of cross-section. Journal of Sound and Vibration, 2020, 476, 115313.	3.9	2
5	A study on damping ratio of EPS foam filled CFRP composite tubes. Curved and Layered Structures, 2020, 7, 178-185.	1.3	1
6	Stress and Strain Concentration Factors in Orthotropic Composites with Hole under Uniaxial Tension. Curved and Layered Structures, 2018, 5, 213-231.	1.3	7
7	Effect of Cross-Section and Discontinuities on Damping Enhancement in Composites: An Experimental Study. Lecture Notes in Civil Engineering, 2018, , 705-713.	0.4	0
8	Effect of Cut-Out and Delamination on Modal Properties of Singly-and Doubly-Curved Composite Plates. Procedia Engineering, 2017, 199, 1982-1987.	1.2	4
9	Mathematical modeling and experimental study of damping behavior of a cantilever carbon fiber reinforced polymer composite hollow member with metal inserts. JVC/Journal of Vibration and Control, 0, , 107754632098598.	2.6	6