

# Rene Roy

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5004132/publications.pdf>

Version: 2024-02-01

15  
papers

359  
citations

1163117

8  
h-index

1281871

11  
g-index

15  
all docs

15  
docs citations

15  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Nomex honeycomb core constituent material mechanical properties. Composite Structures, 2014, 117, 255-266.	5.8	120
2	Testing and modeling of Nomex honeycomb sandwich Panels with bolt insert. Composites Part B: Engineering, 2014, 56, 762-769.	12.0	67
3	Strength and failure modes of surface treated CFRP secondary bonded single-lap joints in static and fatigue tensile loading regimes. Composites Part A: Applied Science and Manufacturing, 2020, 134, 105897.	7.6	35
4	Cohesive zone method for failure analysis of scarf patch-repaired composite laminates under bending load. Composite Structures, 2019, 222, 110895.	5.8	31
5	Environmental effects on glass fiber reinforced polypropylene thermoplastic composite laminate for structural applications. Polymer Composites, 2010, 31, 604-611.	4.6	29
6	Numerical Modeling of Combined Matrix Cracking and Delamination in Composite Laminates Using Cohesive Elements. Applied Composite Materials, 2016, 23, 397-419.	2.5	27
7	Multiphysics anti-icing simulation of a CFRP composite wing structure embedded with thin etched-foil electrothermal heating films in glaze ice conditions. Composite Structures, 2021, 276, 114441.	5.8	17
8	Meso-scale finite element modeling of Nomex <sup>TM</sup> honeycomb cores. Advanced Composite Materials, 2014, 23, 17-29.	1.9	16
9	Intermittent Predictive Steering Control as an Automobile Driver Model. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2009, 131, .	1.6	6
10	Laboratory and field performance of FOS sensors in static and dynamic strain monitoring in concrete bridge decks. , 2006, , .		4
11	AFP mandrel development for composite aircraft fuselage skin. International Journal of Aeronautical and Space Sciences, 2014, 15, 32-43.	2.0	3
12	Tensile strength of multi-angle composite laminate scarf joints with FEM. IOP Conference Series: Materials Science and Engineering, 2020, 784, 012007.	0.6	2
13	Computational Simulation of an Electrically Heated Ice Protection System for Composite Leading Edges of Aircraft. , 0, , .		2
14	Finite Element Modeling of Nomex <sup>®</sup> Honeycomb Core Carbon/Epoxy Composite Sandwich Panels. Advanced Science Letters, 2012, 15, 257-261.	0.2	0
15	Experimental Testing of Curved Aluminum Honeycomb/CFRP Sandwich Panels. Composites Research, 2013, 26, 85-90.	0.1	0