

# Da Chen

## List of Publications by Year in descending order

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19  
papers

2,875  
citations

623574

14  
h-index

887953

17  
g-index

19  
all docs

19  
docs citations

19  
times ranked

832  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enhanced thermal buckling resistance of folded graphene reinforced nanocomposites with negative thermal expansion: From atomistic study to continuum mechanics modelling. <i>Composite Structures</i> , 2022, 279, 114872.	3.1	24
2	Impact response of inclined self-weighted functionally graded porous beams reinforced by graphene platelets. <i>Thin-Walled Structures</i> , 2022, 179, 109501.	2.7	35
3	Multiscale modelling of functionally graded porous beams: Buckling and vibration analyses. <i>Engineering Structures</i> , 2022, 266, 114568.	2.6	18
4	Examination of net volume reduction of gravity-type open-net fish cages under sea currents. <i>Aquacultural Engineering</i> , 2021, 92, 102128.	1.4	16
5	Buckling and free vibration of axially functionally graded graphene reinforced nanocomposite beams. <i>Engineering Structures</i> , 2021, 249, 113327.	2.6	36
6	Vibration Absorber for Spring-Mass System Using a Hanging Heavy Column with Rotationally Restrained End. <i>Journal of Engineering Mechanics - ASCE</i> , 2020, 146, .	1.6	1
7	Buckling and bending analyses of a novel functionally graded porous plate using Chebyshev-Ritz method. <i>Archives of Civil and Mechanical Engineering</i> , 2019, 19, 157-170.	1.9	110
8	Vibration characteristics of functionally graded graphene reinforced porous nanocomposite cylindrical shells with spinning motion. <i>Composites Part B: Engineering</i> , 2018, 145, 1-13.	5.9	235
9	Buckling and free vibration analyses of functionally graded graphene reinforced porous nanocomposite plates based on Chebyshev-Ritz method. <i>Composite Structures</i> , 2018, 193, 281-294.	3.1	346
10	Dynamic response and energy absorption of functionally graded porous structures. <i>Materials and Design</i> , 2018, 140, 473-487.	3.3	117
11	Nonlinear free vibration of functionally graded graphene platelets reinforced porous nanocomposite plates resting on elastic foundation. <i>Composite Structures</i> , 2018, 204, 831-846.	3.1	195
12	Nonlinear vibration and postbuckling of functionally graded graphene reinforced porous nanocomposite beams. <i>Composites Science and Technology</i> , 2017, 142, 235-245.	3.8	311
13	Free vibration and elastic buckling of functionally graded porous beams reinforced by graphene platelets. <i>Materials and Design</i> , 2017, 116, 656-665.	3.3	458
14	Nonlinear free vibration of shear deformable sandwich beam with a functionally graded porous core. <i>Thin-Walled Structures</i> , 2016, 107, 39-48.	2.7	283
15	Free and forced vibrations of shear deformable functionally graded porous beams. <i>International Journal of Mechanical Sciences</i> , 2016, 108-109, 14-22.	3.6	326
16	Elastic buckling and static bending of shear deformable functionally graded porous beam. <i>Composite Structures</i> , 2015, 133, 54-61.	3.1	357
17	Braking performance of working rail-mounted cranes under wind load. <i>Wind and Structures, an International Journal</i> , 2014, 19, 1-14.	0.8	1
18	Simulation of the Wind Field of Gantry Cranes Based on FLUENT. <i>Applied Mechanics and Materials</i> , 0, 217-219, 1530-1534.	0.2	4

#	ARTICLE	IF	CITATIONS
19	Dynamic Response of Shear Deformable Functionally Graded Porous Beams. Applied Mechanics and Materials, 0, 846, 434-439.	0.2	2