

# Reza Hosseini-Ara

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9123637/publications.pdf>

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8  
papers

74  
citations

1937685

4  
h-index

1588992

8  
g-index

9  
all docs

9  
docs citations

9  
times ranked

91  
citing authors

#	ARTICLE	IF	CITATIONS
1	Wave propagation in rotating functionally graded GPL-reinforced cylindrical shells based on the third-order shear deformation theory. <i>Waves in Random and Complex Media</i> , 2023, 33, 345-371.	2.7	11
2	Free vibration analysis of rotating functionally graded GPL-reinforced truncated thick conical shells under different boundary conditions. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 3821-3852.	4.7	24
3	Lateral buckling analysis of nanotubes and nanorings under uniform external pressure: a closed-form nonlocal solution. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	2
4	Computational analysis of high precision nano-sensors for diagnosis of viruses: Effects of partial antibody layer. <i>Mathematics and Computers in Simulation</i> , 2021, , .	4.4	1
5	Exact analysis of antibody-coated silicon biological nano-sensors (SBNSs) to identify viruses and bacteria. <i>Microsystem Technologies</i> , 2020, 26, 509-516.	2.0	4
6	Nano-scale effects on nonlocal boundary conditions for exact buckling analysis of nano-beams with different end conditions. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	5
7	A new criterion for preform design of H-shaped hot die forging based on shape complexity factor. <i>International Journal of Material Forming</i> , 2018, 11, 233-238.	2.0	7
8	Surface and thermal effects on vibration of embedded alumina nanobeams based on novel Timoshenko beam model. <i>Applied Mathematics and Mechanics (English Edition)</i> , 2014, 35, 875-886.	3.6	19