

# Ali Reza Fotuhi

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

105  
citations

1307594

7  
h-index

1372567

10  
g-index

12  
all docs

12  
docs citations

12  
times ranked

67  
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple interacting cracks in an orthotropic layer. <i>Archive of Applied Mechanics</i> , 2013, 83, 1549-1567.	2.2	22
2	Nonlinear coupled thermoelastic analysis of thermal wave propagation in a functionally graded finite solid undergoing finite strain. <i>Journal of Thermal Analysis and Calorimetry</i> , 2020, 139, 2309-2320.	3.6	19
3	Anti-plane analysis of an infinite plane with multiple cracks based on strain gradient theory. <i>Acta Mechanica</i> , 2017, 228, 1793-1817.	2.1	15
4	Nonlinear coupled thermo-hyperelasticity analysis of thermal and mechanical wave propagation in a finite domain. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2020, 537, 122755.	2.6	14
5	Elastodynamic analysis of mode III multiple cracks in a functionally graded orthotropic half-plane. <i>Theoretical and Applied Fracture Mechanics</i> , 2015, 80, 155-169.	4.7	8
6	Modes of vibration, stability and internal resonances on non-linear piezoelectric small-scale beams. <i>Communications in Nonlinear Science and Numerical Simulation</i> , 2019, 72, 88-107.	3.3	8
7	Nonlinear vibration analysis of a circular plate's cavity system. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	8
8	Nonlinear vibro-acoustic behavior of cylindrical shell under primary resonances. <i>International Journal of Non-Linear Mechanics</i> , 2021, 130, 103682.	2.6	7
9	Thermal Stress Analysis in a Finite Perforated Plane. <i>Iranian Journal of Science and Technology - Transactions of Mechanical Engineering</i> , 2019, 43, 705-721.	1.3	2
10	One-dimensional nonlinear vibration analysis and coupled thermoelasticity based on Green-Naghdi model. <i>Journal of Mechanical Science and Technology</i> , 2019, 33, 721-728.	1.5	2
11	Anti-plane stress analysis of a half-plane with multiple cracks by distributed dislocation technique in nonlocal elasticity. <i>Mathematics and Mechanics of Solids</i> , 2019, 24, 1567-1577.	2.4	0
12	A generalization and application of the Michell solution for functionally graded circular planes. <i>Zeitschrift Fur Angewandte Mathematik Und Physik</i> , 2022, 73, 1.	1.4	0