



## Ali Ghorbanpor arani

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College: Faculty of Mechanical Engineering

Department: Mechanical Engineering - Solid Design

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
(not set)	(not set)	Tenured	Full Time	

### Papers in Journals

1. [Nonlocal buckling analysis of five-layer laminated nanocomposites on kerr foundation: A refined zigzag theory approach](#), Journal of Sandwich Structures & Materials, pp. 1, 2024 09 02, SCOPUS ,JCR.
2. [Size-Dependent Buckling Analysis of Three-Layered Nano-Plate on Orthotropic Foundation Using Surface Theory](#), J solid mech, Vol. 16, pp. 97, 2024 08 15, SCOPUS ,ISC.
3. [Vibration and aeroelastic instability analysis in GPL-porous multi-layered beam with the rotation effect](#), International journal for computational methods in engineering science and mechanics, 2024 07 04, SCOPUS ,JCR.
4. [A Vibration Analysis of a Thick Micro Sandwich Panel with Metamaterial or Porous Core and Carbon Nanotubes/Graphene Platelets Reinforced Composite Based on HSdT and NSGT](#), Multiscale Science and Engineering, Vol. 1, pp. 1, 2024 06 07, SCOPUS ,JCR.
5. [Dynamics of a rotating ring-stiffened sandwich conical shell with an auxetic honeycomb core](#), APPLIED MATHEMATICS AND MECHANICS (ENGLISH EDITION), Vol. 45, pp. 963, 2024 06 05, SCOPUS ,JCR.
6. [Nonlocal quasi-3d vibration/ analysis of three-layer nanoplate surrounded by Orthotropic Visco-Pasternak foundation by considering surface effects and neutral surface concept](#), Mechanics Based Design of Structures and Machines, Vol. 1, pp. 1, 2024 05 17, SCOPUS ,JCR.
7. [The Effect of porosity distribution on the free vibration of tapered nanocomposite sandwich beam](#), Mechanics of Advanced and Smart Materials Journal, Vol. 4, pp. 1, 2024 04 27, SCOPUS ,ISC.
8. [Thermoelastic analysis of axisymmetric conical shells: Investigating stress-strain response under uniform heat flow with semi-coupled approach](#), Numerical Heat Transfer, Part A: Applications, pp. 1, 2024 03 18, SCOPUS ,JCR.
9. [Vibrations of Multi-Layer Beam with](#)

- Nanocomposite Face Sheets Reinforced with Graphene Platelets and Porous Core, *J Solid Mech*, Vol. 15, pp. 258, 2023 09 01, JCR.
10. امیرعباس قربانپور آرانی، زهرا خدای مرقی، علی قربانپور، The Frequency Response of Intelligent Composite Sandwich Plate Under Biaxial In-Plane Forces, *J Solid Mech*, Vol. 15, pp. 1, 2023 03 01, JCR.
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13. مجید پاکیزه، محسن ایرانی رهقی، زهرا خدای مرقی، شهریار نیکنژاد، علی قربانپور، Vibrational study on multilayer sandwich plates: porous FGM core, nanocomposite and piezoelectric face sheets, *Journal of Solid Mechanics*, 2022 10 26, SCOPUS ,JCR.
14. علیرضا میهن خواه، زهرا خدای مرقی، علی قربانپور، شهریار نیک نژاد، Magneto-Rheological Response in Vibration of Intelligent Sandwich Plate with Velocity Feedback Control, *Journal of Solid Mechanics*, Vol. 14, pp. 430, 2022 09 08, SCOPUS ,JCR.
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17. علی قربانپور، شهریار نیک نژاد، علیرضا میهن خواه، ایمان صفری، Dynamic Stability Analysis of Bi-Directional Functionally Graded Beam with Various Shear Deformation Theories Under Harmonic Excitation and Thermal Environment, *Journal of Solid Mechanics*, Vol. 14, pp. 272, 2022 05 20, SCOPUS ,JCR.
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