

Amirsajjad Rezaei

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

539
citations

933447

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h-index

1199594

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all docs

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docs citations

12
times ranked

242
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Natural frequencies of functionally graded plates with porosities via a simple four variable plate theory: An analytical approach. <i>Thin-Walled Structures</i> , 2017, 120, 366-377. | 5.3 | 144 |
| 2 | Exact solution for free vibration of thick rectangular plates made of porous materials. <i>Composite Structures</i> , 2015, 134, 1051-1060. | 5.8 | 119 |
| 3 | Application of Carrera Unified Formulation to study the effect of porosity on natural frequencies of thick porous cellular plates. <i>Composites Part B: Engineering</i> , 2016, 91, 361-370. | 12.0 | 99 |
| 4 | Buckling response of moderately thick fluid-infiltrated porous annular sector plates. <i>Acta Mechanica</i> , 2017, 228, 3929-3945. | 2.1 | 32 |
| 5 | On natural frequencies of Levy-type thick porous-cellular plates surrounded by piezoelectric layers. <i>Composite Structures</i> , 2017, 179, 340-354. | 5.8 | 28 |
| 6 | On the effect of coupled solid-fluid deformation on natural frequencies of fluid saturated porous plates. <i>European Journal of Mechanics, A/Solids</i> , 2017, 63, 99-109. | 3.7 | 27 |
| 7 | An analytical study on the free vibration of moderately thick fluid-infiltrated porous annular sector plates. <i>JVC/Journal of Vibration and Control</i> , 2018, 24, 4130-4144. | 2.6 | 21 |
| 8 | Flow-induced vibration and stability analysis of carbon nanotubes based on the nonlocal strain gradient Timoshenko beam theory. <i>JVC/Journal of Vibration and Control</i> , 2019, 25, 203-218. | 2.6 | 21 |
| 9 | An investigation over the effect of piezoelectricity and porosity distribution on natural frequencies of porous smart plates. <i>Journal of Sandwich Structures and Materials</i> , 2020, 22, 2091-2124. | 3.5 | 16 |
| 10 | Research Facilities for Europe's Next Generation Gravitational-Wave Detector Einstein Telescope. <i>Galaxies</i> , 2022, 10, 65. | 3.0 | 13 |
| 11 | Analytical buckling response of sectorial porous plates integrated with piezoelectric layers. <i>Applied Mathematical Modelling</i> , 2022, 101, 811-831. | 4.2 | 10 |
| 12 | Shear deformation theories for elastic buckling of fluid-infiltrated porous plates: An analytical approach. <i>Composite Structures</i> , 2020, 254, 112829. | 5.8 | 9 |