# Mohammad Alakel Abazid

List of Publications by Year
in descending order



| 10 | 186 | 1307366 7 | 1372474 10 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 10 | 10 | 10 | 88 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Wave propagation in FG porous GPLs-reinforced nanoplates under in-plane mechanical load and Lorentz magnetic force via a new quasi 3D plate theory. Mechanics Based Design of Structures and Machines, 2022, 50, 1831-1850. | 3.4 | 28 |
| 2 | Mechanical and thermal buckling of FG-GPLs sandwich plates with negative Poissonâ€™s ratio honeycomb core on an elastic substrate. European Physical Journal Plus, 2022, 137, 1. | 1.2 | 17 |
| 3 | Electro-thermal buckling of FG graphene platelets-strengthened piezoelectric beams under humid conditions. Advances in Mechanical Engineering, 2022, 14, 168781322210910. | 0.8 | 5 |
| 4 | Hygrothermal wave dispersion analysis of metal foam microplates strengthened by graphene embedded in a viscoelastic medium under 2D magnetic field effect. Mechanics of Advanced Materials and Structures, 2022, 29, 7592-7604. | 1.5 | 13 |
| 5 | 2D magnetic field effect on the thermal buckling of metal foam nanoplates reinforced with FG-GPLs lying on Pasternak foundation in humid environment. European Physical Journal Plus, 2020, 135, 1. | 1.2 | 10 |
| 6 | Dynamic and instability analyses of FG graphene-reinforced sandwich deep curved nanobeams with viscoelastic core under magnetic field effect. Composites Part B: Engineering, 2019, 174, 106966. | 5.9 | 46 |
| 7 | The Nonlocal Strain Gradient Theory for Hygrothermo-Electromagnetic Effects on Buckling, Vibration and Wave Propagation in Piezoelectromagnetic Nanoplates. International Journal of Applied Mechanics, 2019, 11, 1950067. | 1.3 | 20 |
| 8 | Thermo-electro-mechanical bending of FG piezoelectric microplates on Pasternak foundation based on a four-variable plate model and the modified couple stress theory. Microsystem Technologies, 2018, 24, 1227-1245. | 1.2 | 38 |
| 9 | A stable numerical algorithm for the design of anti-reflection coating for solar cells. International Journal of Renewable Energy Technology, 2016, 7, 97. | 0.2 | 1 |
| 10 | Inverse design of anti-reflection coatings using the nonlinear approximate inverse. Inverse Problems in Science and Engineering, 2016, 24, 917-935. | 1.2 | 8 |