

Mohammad Alakel Abazid

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5355572/publications.pdf>

Version: 2024-02-01

10
papers

186
citations

1307366

7
h-index

1372474

10
g-index

10
all docs

10
docs citations

10
times ranked

88
citing authors

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