

M Yaqoob Yasin

List of Publications by Year in descending order

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20
papers

325
citations

933410

10
h-index

940516

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20
all docs

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docs citations

20
times ranked

248
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Optimal location and geometry of sensors and actuators for active vibration control of smart composite beams. Australian Journal of Mechanical Engineering, 2022, 20, 981-999. | 2.1 | 4 |
| 2 | On the softening and hardening nonlinear behavior of laminated cylindrical shells. Engineering Structures, 2021, 226, 111339. | 5.3 | 6 |
| 3 | Bending, free and forced vibration of functionally graded deep curved beams in thermal environment using an efficient layerwise theory. Mechanics of Materials, 2021, 159, 103919. | 3.2 | 15 |
| 4 | Static shape control of smart functionally graded beams using an efficient finite element model. AIP Conference Proceedings, 2020, , . | 0.4 | 0 |
| 5 | Finite element model based on an efficient layerwise theory for dynamics and active vibration control of smart functionally graded beams. Materials Research Express, 2020, 7, 025703. | 1.6 | 6 |
| 6 | Exact solution considering layerwise mechanics for laminated composite and sandwich curved beams of deep curvatures. Composite Structures, 2020, 244, 112258. | 5.8 | 14 |
| 7 | On the optimal dynamic design of laminated composite folded plates: a multi-criteria decision analysis. Multidiscipline Modeling in Materials and Structures, 2019, 16, 322-339. | 1.3 | 2 |
| 8 | Influence of piezoelectric nonlinearity on active vibration suppression of smart laminated shells using strong field actuation. JVC/Journal of Vibration and Control, 2018, 24, 505-526. | 2.6 | 6 |
| 9 | Effect of boundary conditions on the non-linear forced vibration response of isotropic plates. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012089. | 0.6 | 0 |
| 10 | Analysis of Laminated and FGM Beams using Various Theories. IOP Conference Series: Materials Science and Engineering, 2018, 404, 012030. | 0.6 | 0 |
| 11 | Free Vibration Analysis of Multilayered Arches using a Layerwise Theory. IOP Conference Series: Materials Science and Engineering, 2018, 377, 012168. | 0.6 | 0 |
| 12 | Active Vibration Control of Piezolaminated Composite Plates Considering Strong Electric Field Nonlinearity. AIAA Journal, 2015, 53, 603-616. | 2.6 | 26 |
| 13 | A quadrilateral shallow shell element based on the third-order theory for functionally graded plates and shells and the inaccuracy of rule of mixtures. European Journal of Mechanics, A/Solids, 2015, 49, 268-282. | 3.7 | 24 |
| 14 | Coupled efficient layerwise finite element modeling for active vibration control of smart composite and sandwich shallow shells. Journal of Intelligent Material Systems and Structures, 2014, 25, 2013-2036. | 2.5 | 6 |
| 15 | An efficient finite element with layerwise mechanics for smart piezoelectric composite and sandwich shallow shells. Computational Mechanics, 2014, 53, 101-124. | 4.0 | 20 |
| 16 | Active vibration control of smart plates using directional actuation and sensing capability of piezoelectric composites. Acta Mechanica, 2013, 224, 1185-1199. | 2.1 | 28 |
| 17 | An efficient layerwise finite element for shallow composite and sandwich shells. Composite Structures, 2013, 98, 202-214. | 5.8 | 60 |
| 18 | A nonlinear efficient layerwise finite element model for smart piezolaminated composites under strong applied electric field. Smart Materials and Structures, 2013, 22, 055021. | 3.5 | 20 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Finite element analysis of actively controlled smart plate with patched actuators and sensors. Latin American Journal of Solids and Structures, 2010, 7, 227-247. | 1.0 | 40 |
| 20 | Active vibration control of piezoelectric laminated beams with electroded actuators and sensors using an efficient finite element involving an electric node. Smart Materials and Structures, 2010, 19, 045019. | 3.5 | 48 |