

Phan-Duc Huynh

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

167
citations

1163065

8
h-index

1125717

13
g-index

16
all docs

16
docs citations

16
times ranked

109
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | A polygonal finite element method for laminated composite plates. <i>International Journal of Mechanical Sciences</i> , 2017, 133, 863-882. | 6.7 | 30 |
| 2 | Geometrically nonlinear analysis of functionally graded shells using an edge-based smoothed MITC3 (ES-MITC3) finite elements. <i>Engineering With Computers</i> , 2020, 36, 1069-1082. | 6.1 | 23 |
| 3 | Nonlinear static and dynamic isogeometric analysis of functionally graded microplates with graphene-based nanofillers reinforcement. <i>Aerospace Science and Technology</i> , 2022, 127, 107709. | 4.8 | 23 |
| 4 | Isogeometric Analysis of Functionally-Graded Graphene Platelets Reinforced Porous Nanocomposite Plates Using a Refined Plate Theory. <i>International Journal of Structural Stability and Dynamics</i> , 2020, 20, 2050076. | 2.4 | 19 |
| 5 | Passive Winglet Control of Flutter and Buffeting Responses of Suspension Bridges. <i>International Journal of Structural Stability and Dynamics</i> , 2018, 18, 1850072. | 2.4 | 14 |
| 6 | An experimental study of flutter and buffeting control of suspension bridge by mechanically driven flaps. <i>Wind and Structures, an International Journal</i> , 2011, 14, 153-165. | 0.8 | 11 |
| 7 | Flutter and Buffeting Control of Long-span Suspension Bridge by Passive Flaps: Experiment and Numerical Simulation. <i>International Journal of Aeronautical and Space Sciences</i> , 2013, 14, 46-57. | 2.0 | 11 |
| 8 | An Edge-Based Smoothed MITC3 (ES-MITC3) Shell Finite Element in Laminated Composite Shell Structures Analysis. <i>International Journal of Computational Methods</i> , 2018, 15, 1850060. | 1.3 | 10 |
| 9 | Analytical and experimental study on aerodynamic control of flutter and buffeting of bridge deck by using mechanically driven flaps. <i>Structural Engineering and Mechanics</i> , 2013, 46, 549-569. | 1.0 | 8 |
| 10 | Numerical Analysis of the Dynamic Responses of Multistory Structures Equipped with Tuned Liquid Dampers Considering Fluid-Structure Interactions. <i>Open Construction and Building Technology Journal</i> , 2019, 13, 289-300. | 0.7 | 5 |
| 11 | Polygonal topology optimization for Reissner-Mindlin plates. <i>Engineering With Computers</i> , 2020, , 1. | 6.1 | 4 |
| 12 | Aeroelastic control of bridge using active control surfaces: Analytical and experiment study. <i>Structures</i> , 2020, 27, 2309-2318. | 3.6 | 4 |
| 13 | An Immersed Boundary Proper Generalized Decomposition (IB-PGD) for Fluid-Structure Interaction Problems. <i>International Journal of Computational Methods</i> , 2018, 15, 1850045. | 1.3 | 3 |
| 14 | Implementation of hybrid adaptive fuzzy sliding model control and evolutionary neural observer for biped robot systems. , 2017, , . | | 1 |
| 15 | Numerical study of aeroelastic suppression using active control surfaces on a full-span suspension bridge. <i>Structures</i> , 2021, 33, 606-614. | 3.6 | 1 |
| 16 | Immersed boundary method combined with proper generalized decomposition for simulation of a flexible filament in a viscous incompressible flow. <i>Vietnam Journal of Mechanics</i> , 2017, 39, 109-119. | 0.5 | 0 |