Tan-Van Vu

List of Publications by Year
in descending order

15 papers	433 citations	1163117 8 h-index	996975 15 g-index
15 all docs	15 docs citations	15 times ranked	339 citing authors

#	Article	IF	Citations
1	Free vibration and buckling analysis of laminated composite plates using the NURBS-based isogeometric finite element method. Composite Structures, 2012, 94, 1677-1693.	5.8	186
2	A simple FSDT-based meshfree method for analysis of functionally graded plates. Engineering Analysis With Boundary Elements, 2017, 79, 1-12.	3.7	87
3	A new refined simple TSDT-based effective meshfree method for analysis of through-thickness FG plates. Applied Mathematical Modelling, 2018, 57, 514-534.	4.2	46
4	Enhanced meshfree method with new correlation functions for functionally graded plates using a refined inverse sin shear deformation plate theory. European Journal of Mechanics, A/Solids, 2019, 74, 160-175.	3.7	23
5	A refined sin hyperbolic shear deformation theory for sandwich FG plates by enhanced meshfree with new correlation function. International Journal of Mechanics and Materials in Design, 2019, 15, 647-669.	3.0	21
6	Nonlinear analysis of cable-supported structures with a spatial catenary cable element. Structural Engineering and Mechanics, 2012, 43, 583-605.	1.0	14
7	A refined quasi-3D logarithmic shear deformation theory-based effective meshfree method for analysis of functionally graded plates resting on the elastic foundation. Engineering Analysis With Boundary Elements, 2021, 131, 174-193.	3.7	13
8	Coupled flutter analysis of long-span bridges using full set of flutter derivatives. KSCE Journal of Civil Engineering, 2016, 20, 1501-1513.	1.9	10
9	Buckling analysis of the porous sandwich functionally graded plates resting on Pasternak foundations by Navier solution combined with a new refined quasi-3D hyperbolic shear deformation theory. Mechanics Based Design of Structures and Machines, 2023, 51, 6227-6253.	4.7	9
10	Meshfree analysis of functionally graded plates with a novel four-unknown arctangent exponential shear deformation theory. Mechanics Based Design of Structures and Machines, 2023, 51, 1082-1114.	4.7	8
11	Simplified formulations for flutter instability analysis of bridge deck. Wind and Structures, an International Journal, 2011, 14, 359-381.	0.8	7
12	Mechanical behavior analysis of functionally graded porous plates resting on elastic foundations using a simple quasi-3D hyperbolic shear deformation theory-based effective meshfree method. Acta Mechanica, 2022, 233, 2851-2889.	2.1	6
13	Prediction of bridge flutter under a crosswind flow. Wind and Structures, an International Journal, 2013, 17, 275-298.	0.8	1
14	Free Vibration Analysis of FG Sandwich Plates on Elastic Foundation Using a Refined Quasi-3D Inverse Sinusoidal Shear Deformation Theory. Lecture Notes in Civil Engineering, 2020, , 1107-1117.	0.4	1
15	Determining with High Accuracy the Relaxation Modulus and Creep Compliance of Asphaltic Materials in the Form of Sums of Exponential Functions from Mathematical Master Curves of Dynamic Modulus. Journal of Materials in Civil Engineering, 2022, 34, .	2.9	1