

Linh A Le

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4100550/publications.pdf>

Version: 2024-02-01

20
papers

583
citations

759233

12
h-index

752698

20
g-index

20
all docs

20
docs citations

20
times ranked

514
citing authors

#	ARTICLE	IF	CITATIONS
1	An improved differential evolution based on roulette wheel selection for shape and size optimization of truss structures with frequency constraints. <i>Neural Computing and Applications</i> , 2018, 29, 167-185.	5.6	97
2	An improved constrained differential evolution using discrete variables (D-ICDE) for layout optimization of truss structures. <i>Expert Systems With Applications</i> , 2015, 42, 7057-7069.	7.6	76
3	Static and frequency optimization of folded laminated composite plates using an adjusted Differential Evolution algorithm and a smoothed triangular plate element. <i>Composite Structures</i> , 2015, 127, 382-394.	5.8	62
4	Optimal design of truss structures with frequency constraints using improved differential evolution algorithm based on an adaptive mutation scheme. <i>Automation in Construction</i> , 2016, 68, 81-94.	9.8	62
5	An effective reliability-based improved constrained differential evolution for reliability-based design optimization of truss structures. <i>Advances in Engineering Software</i> , 2016, 92, 48-56.	3.8	51
6	Localised failure mechanism as the basis for constitutive modelling of geomaterials. <i>International Journal of Engineering Science</i> , 2018, 133, 284-310.	5.0	40
7	Modelling jointed rock mass as a continuum with an embedded cohesive-frictional model. <i>Engineering Geology</i> , 2017, 228, 107-120.	6.3	37
8	Incorporation of micro-cracking and fibre bridging mechanisms in constitutive modelling of fibre reinforced concrete. <i>Journal of the Mechanics and Physics of Solids</i> , 2019, 133, 103732.	4.8	28
9	An Extended Cell-Based Smoothed Three-Node Mindlin Plate Element (XCS-MIN3) for Free Vibration Analysis of Cracked FGM Plates. <i>International Journal of Computational Methods</i> , 2017, 14, 1750011.	1.3	20
10	An efficient coupled numerical method for reliability-based design optimization of steel frames. <i>Journal of Constructional Steel Research</i> , 2017, 138, 389-400.	3.9	20
11	An edge-based smoothed finite element method (ES-FEM) for dynamic analysis of 2D Fluid-Solid interaction problems. <i>KSCE Journal of Civil Engineering</i> , 2015, 19, 641-650.	1.9	18
12	Association of climate drivers with rainfall in New South Wales, Australia, using Bayesian Model Averaging. <i>Theoretical and Applied Climatology</i> , 2017, 127, 169-185.	2.8	17
13	Buckling analysis of non-uniform thickness nanoplates in an elastic medium using the isogeometric analysis. <i>Composite Structures</i> , 2017, 162, 182-193.	5.8	15
14	A global single-loop deterministic approach for reliability-based design optimization of truss structures with continuous and discrete design variables. <i>Engineering Optimization</i> , 2018, 50, 2071-2090.	2.6	13
15	An extended cell-based smoothed discrete shear gap method (XCS-FEM-DSG3) for free vibration analysis of cracked Reissner-Mindlin shells. <i>Frontiers of Structural and Civil Engineering</i> , 2015, 9, 341-358.	2.9	12
16	Modelling the influence of fines content on the instability of silty sands considering grain scale interactions. <i>International Journal of Plasticity</i> , 2021, 143, 103020.	8.8	5
17	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
18	Localised failure of geomaterials: how to extract localisation band behaviour from macro test data. <i>Geotechnique</i> , 2022, 72, 596-609.	4.0	3

#	ARTICLE	IF	CITATIONS
19	Backtracking Search Optimization Algorithm and its Application to Roller Bearing Fault Diagnosis. International Journal of Acoustics and Vibrations, 2016, 21, .	0.3	3
20	Predicting onset and orientation of localisation bands using a cohesive-frictional model. Lecture Notes in Civil Engineering, 2020, , 311-316.	0.4	1