

# Son Thai

## List of Publications by Year in descending order

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17  
papers

504  
citations

933410  
10  
h-index

888047  
17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

286  
citing authors

#	ARTICLE	IF	CITATIONS
1	Nonlinear bending analysis of variable thickness multi-directional functionally graded plates based on isogeometric analysis. <i>Mechanics of Advanced Materials and Structures</i> , 2023, 30, 4091-4109.	2.6	5
2	Bending and free vibration analyses of multi-directional functionally graded plates in thermal environment: A three-dimensional Isogeometric Analysis approach. <i>Composite Structures</i> , 2022, 295, 115797.	5.8	24
3	Large deflection analysis of functionally graded beams based on geometrically exact three-dimensional beam theory and isogeometric analysis. <i>International Journal of Non-Linear Mechanics</i> , 2022, 146, 104152.	2.6	3
4	Evaluating structural response of concrete-filled steel tubular columns through machine learning. <i>Journal of Building Engineering</i> , 2021, 34, 101888.	3.4	43
5	Reliability considerations of modern design codes for CFST columns. <i>Journal of Constructional Steel Research</i> , 2021, 177, 106482.	3.9	27
6	Application of ANN to the design of CFST columns. <i>Structures</i> , 2020, 28, 2203-2220.	3.6	45
7	Reliability Evaluation of Eurocode 4 for Concrete-Filled Steel Tubular Columns. <i>Lecture Notes in Civil Engineering</i> , 2020, , 323-328.	0.4	1
8	Concrete-filled steel tubular columns: Test database, design and calibration. <i>Journal of Constructional Steel Research</i> , 2019, 157, 161-181.	3.9	91
9	A simple shear deformation theory for nonlocal beams. <i>Composite Structures</i> , 2018, 183, 262-270.	5.8	43
10	Postbuckling analysis of functionally graded nanoplates based on nonlocal theory and isogeometric analysis. <i>Composite Structures</i> , 2018, 201, 13-20.	5.8	18
11	Isogeometric cable elements based on B-spline curves. <i>Meccanica</i> , 2017, 52, 1219-1237.	2.0	10
12	Size-dependant behaviour of functionally graded microplates based on the modified strain gradient elasticity theory and isogeometric analysis. <i>Computers and Structures</i> , 2017, 190, 219-241.	4.4	98
13	Nonlinear static and transient isogeometric analysis of functionally graded microplates based on the modified strain gradient theory. <i>Engineering Structures</i> , 2017, 153, 598-612.	5.3	43
14	Optimum design of cable nets by using genetic algorithm. <i>International Journal of Steel Structures</i> , 2017, 17, 1183-1198.	1.3	5
15	Free Vibration Analysis of Cable Structures Using Isogeometric Approach. <i>International Journal of Computational Methods</i> , 2017, 14, 1750033.	1.3	10
16	Post-buckling of functionally graded microplates under mechanical and thermal loads using isogeometric analysis. <i>Engineering Structures</i> , 2017, 150, 905-917.	5.3	31
17	Nonlinear elasto-plastic analysis of slack and taut cable structures. <i>Engineering With Computers</i> , 2016, 32, 615-627.	6.1	7