

Vanissorn Vimonsatit

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

327
citations

10
h-index

18
g-index

23
ext. papers

386
ext. citations

3.4
avg, IF

3.79
L-index

#	Paper	IF	Citations
23	Compressive strength of fly-ash-based geopolymer concrete at elevated temperatures. <i>Fire and Materials</i> , 2015 , 39, 174-188	1.8	76
22	Mechanical and micromechanical properties of alkali activated fly-ash cement based on nano-indentation. <i>Construction and Building Materials</i> , 2016 , 107, 95-102	6.7	43
21	Testing of Plate Girder Web Panel Loaded in Shear at Elevated Temperature. <i>Journal of Structural Engineering</i> , 2007 , 133, 815-824	3	28
20	Shear strength of plate girder web panel at elevated temperature. <i>Journal of Constructional Steel Research</i> , 2007 , 63, 1442-1451	3.8	25
19	Creep properties of cement and alkali activated fly ash materials using nanoindentation technique. <i>Construction and Building Materials</i> , 2018 , 168, 547-555	6.7	23
18	Design and development of Alkali Pozzolan Cement (APC). <i>Construction and Building Materials</i> , 2014 , 68, 426-433	6.7	17
17	A study of the factors affecting construction time in Western Australia. <i>Scientific Research and Essays</i> , 2012 , 7, 3390-3398	0.7	17
16	Nonlinear analysis of semirigid frames: A parametric complementarity approach. <i>Engineering Structures</i> , 1996 , 18, 115-124	4.7	17
15	Abrasion resistance behaviour of fly ash based geopolymer using nanoindentation and artificial neural network. <i>Construction and Building Materials</i> , 2019 , 212, 635-644	6.7	14
14	Effect of cooling methods on residual compressive strength and cracking behavior of fly ash concretes exposed at elevated temperatures. <i>Fire and Materials</i> , 2016 , 40, 335-350	1.8	14
13	Recommendations for Designing Reinforced Concrete Beams Against Low Velocity Impact Loads. <i>International Journal of Structural Stability and Dynamics</i> , 2018 , 18, 1850104	1.9	9
12	Nanomechanical properties of thermal arc sprayed coating using continuous stiffness measurement and artificial neural network. <i>Surface and Coatings Technology</i> , 2019 , 366, 266-276	4.4	8
11	Second-order elastoplastic analysis of semirigid steel frames under cyclic loading. <i>Engineering Structures</i> , 2012 , 45, 127-136	4.7	6
10	Nonlinear Elastoplastic Analysis of Semirigid Steel Frames at Elevated Temperature: MP Approach. <i>Journal of Structural Engineering</i> , 2003 , 129, 661-671	3	6
9	Shakedown of Frames with Semirigid Connections. <i>Journal of Structural Engineering</i> , 1993 , 119, 1694-1711	3.1	6
8	Civil Engineering students' response to visualisation learning experience with building information model. <i>Australasian Journal of Engineering Education</i> , 2016 , 21, 27-38	1	6
7	Silo quaking of iron ore train load out bin [A time-varying mass structural dynamic problem. <i>Advanced Powder Technology</i> , 2017 , 28, 3014-3025	4.6	4

6	Plastic Limit Temperatures of Flexibly Connected Steel Frames: A Linear Programming Problem. <i>Journal of Structural Engineering</i> , 2003 , 129, 79-86	3	3
5	Flexural behavior of hybrid PVA fibers reinforced ferrocement panels at elevated temperatures. <i>Fire and Materials</i> , 2018 , 42, 782-793	1.8	3
4	Shear Behaviour of Lightweight Sandwich Reinforced Concrete Slabs. <i>Advances in Structural Engineering</i> , 2012 , 15, 1705-1715	1.9	1
3	Silo quake response spectrum of iron ore train load out bin. <i>Advanced Powder Technology</i> , 2018 , 29, 2775-2784	1.7	1
2	Thermal and mechanical transient behaviour of steel doors installed in non-load-bearing partition wall assemblies during exposure to the standard fire test. <i>Fire and Materials</i> , 2016 , 40, 1070-1089	1.8	0
1	Flexural behaviour of hybrid polyvinyl alcohol fibre-reinforced ferrocement containing different fibre types and volume fractions. <i>Australian Journal of Structural Engineering</i> , 2015 , 16, 252-261	1.4	