Vanissorn Vimonsatit

List of Publications by Year in Descending Order

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	Abrasion resistance behaviour of fly ash based geopolymer using nanoindentation and artificial neural network. *Construction and Building Materials*, **2019**, 212, 635-644	6.7	14
22	Nanomechanical properties of thermal arc sprayed coating using continuous stiffness measurement and artificial neural network. *Surface and Coatings Technology*, **2019**, 366, 266-276	4.4	8
21	Creep properties of cement and alkali activated fly ash materials using nanoindentation technique. *Construction and Building Materials*, **2018**, 168, 547-555	6.7	23
20	Recommendations for Designing Reinforced Concrete Beams Against Low Velocity Impact Loads. *International Journal of Structural Stability and Dynamics*, **2018**, 18, 1850104	1.9	9
19	Silo quake response spectrum of iron ore train load out bin. *Advanced Powder Technology*, **2018**, 29, 2775-2784	4.6	1
18	Flexural behavior of hybrid PVA fibers reinforced ferrocement panels at elevated temperatures. *Fire and Materials*, **2018**, 42, 782-793	1.8	3
17	Silo quaking of iron ore train load out bin – A time-varying mass structural dynamic problem. *Advanced Powder Technology*, **2017**, 28, 3014-3025	4.6	4
16	Thermal and mechanical transient behaviour of steel doors installed in non-load-bearing partition wall assemblies during exposure to the standard fire test. *Fire and Materials*, **2016**, 40, 1070-1089	1.8	0
15	Mechanical and micromechanical properties of alkali activated fly-ash cement based on nano-indentation. *Construction and Building Materials*, **2016**, 107, 95-102	6.7	43
14	Effect of cooling methods on residual compressive strength and cracking behavior of fly ash concretes exposed at elevated temperatures. *Fire and Materials*, **2016**, 40, 335-350	1.8	14
13	Civil Engineering students' response to visualisation learning experience with building information model. *Australasian Journal of Engineering Education*, **2016**, 21, 27-38	1	6
12	Compressive strength of fly-ash-based geopolymer concrete at elevated temperatures. *Fire and Materials*, **2015**, 39, 174-188	1.8	76
11	Flexural behaviour of hybrid polyvinyl alcohol fibre-reinforced ferrocement containing different fibre types and volume fractions. *Australian Journal of Structural Engineering*, **2015**, 16, 252-261	1.4	
10	Design and development of Alkali Pozzolan Cement (APC). *Construction and Building Materials*, **2014**, 68, 426-433	6.7	17
9	Second-order elastoplastic analysis of semirigid steel frames under cyclic loading. *Engineering Structures*, **2012**, 45, 127-136	4.7	6
8	A study of the factors affecting construction time in Western Australia. *Scientific Research and Essays*, **2012**, 7, 3390-3398	0.7	17
7	Shear Behaviour of Ligthweight Sandwich Reinforced Concrete Slabs. *Advances in Structural Engineering*, **2012**, 15, 1705-1715	1.9	1

6	Shear strength of plate girder web panel at elevated temperature. *Journal of Constructional Steel Research*, **2007**, 63, 1442-1451	3.8	25
5	Testing of Plate Girder Web Panel Loaded in Shear at Elevated Temperature. *Journal of Structural Engineering*, **2007**, 133, 815-824	3	28
4	Nonlinear Elastoplastic Analysis of Semirigid Steel Frames at Elevated Temperature: MP Approach. *Journal of Structural Engineering*, **2003**, 129, 661-671	3	6
3	Plastic Limit Temperatures of Flexibly Connected Steel Frames: A Linear Programming Problem. *Journal of Structural Engineering*, **2003**, 129, 79-86	3	3
2	Nonlinear analysis of semirigid frames: A parametric complementarity approach. *Engineering Structures*, **1996**, 18, 115-124	4.7	17
1	Shakedown of Frames with Semirigid Connections. *Journal of Structural Engineering*, **1993**, 119, 1694-1711	3	6