

編號	一、期刊論文(Journal papers)
1	Hong, Y.S., Wu, C.S., Chen, G.L., Chien, C.W. (2019/05), 1-g model test on internally reinforced granular columns, Geotechnical Testing Journal, 42(3), <a href="https://doi.org/10.1520/GTJ20170332">https://doi.org/10.1520/GTJ20170332</a> . ISSN 0149-6115. (MOST103-2221-E-032-023-MY2) (SCI, Impact Factor: 1.279, Rank Factor: 27/36, Subject Category: Engineering, Geological).
2	Hong, Y.S., Wu, C.S., Kou, C.M., Chang, C.H. (2017/10), A numerical analysis of a fully penetrated encased granular column, Geotextiles and Geomembranes, 45(5), 391-405. (NSC101-2221-E-032-041) (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological).
3	Wu, C.S., Hong, Y.S. (2016/12), The influence of tensile strain on the pore size and flow capability of needle-punched nonwoven geotextiles, Geosynthetics International, 23(6),422-434. (NSC96-2221-E-032-039-MY3) (SCI, Impact Factor: 2.406, Rank Factor: 12/36, Subject Category: Engineering, Geological)
4	Hong, Y.S., Wu, C.S., Yu, Y.S. (2016/02), Model tests on geotextile-encased granular columns under 1-g and undrained conditions, Geotextiles and Geomembranes, 44(1), 13-27. (NSC101-2221-E-032-041) (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological).
5	Wu, C.S., Hong, Y.S. (2014/08), A simplified approach for evaluating the bearing performance of encased granular columns, Geotextiles and Geomembranes, 42(4), 339-347. (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological).
6	Hong, Y.S., Wu, C.S. (2013/12), The performance of a sand column internally reinforced with horizontal reinforcement layers, Geotextiles and Geomembranes 41, 36-49. (NSC99-2221-E-032-046-MY2) (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological).
7	Chang, C.H., Lin, J.S., Cheng, C.M., Hong, Y.S. (2013/04), Numerical simulations and wind tunnel studies of pollutant dispersion in the urban street canyons with different height arrangements, Journal of Marine Science and Technology 21(2), 119-126. (SCI, Impact Factor: 0.483, Rank Factor: 56/90, Subject Category: Engineering, Multidisciplinary)
8	Hong, Y.S. (2012/12), Performance of encased granular columns considering shear-induced volumetric dilation of the fill material, Geosynthetics International 19(6), 438-452. (NSC99-2221-E-032-046-MY2) (SCI, Impact Factor: 2.406, Rank Factor: 12/36, Subject Category: Engineering, Geological)
9	Hong, Y.S., Wu, C.S., Sun, C.S. (2012/10), Geosynthetic-encased sand column behavior under triaxial test simulation, Advanced Materials Research , Vol. 594-597, 581-584. (EI)
10	Hong, Y.S., Wu, C.S. (2011/04), Filtration behaviour of soil-nonwoven geotextile combinations subjected to various loads, Geotextiles and Geomembranes 29(2), 102-115. (NSC96-2221-E-032-039-MY3) (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological)
11	Hong, Y.S., Wu, C.S., Yang, Z.Y., Lee, W.F., Wang, R.H. (2011/03), The load type influence on the filtration behavior of soil-nonwoven geotextile composite, Tamkang Journal of Science and Engineering 14(1), 15-24. (NSC96-2221-E-032-039-MY3) (EI)
12	Wu, C.S., Hong, Y.S. (2009/04), Laboratory tests on geosynthetic-encapsulated sand columns, Geotextiles and Geomembranes 27(2), 107-120. (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological)
13	Wu, C.S., Hong, Y.S., Lin, H.C. (2009/01-03.), Axial stress-strain relation of encapsulated granular column, Computers and Geotechnics 36(1-2), 226-240. (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological)

14	Wu, C.S., Hong, Y.S. (2008/08), The behavior of a laminated reinforced granular column, Geotextiles and Geomembranes 26(4), 302-316. (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological)
15	Wu, C.S., Hong, Y.S., Wang, R.H. (2008/06), The influence of uniaxial tensile strain on the pore size and filtration characteristics of geotextiles, Geotextiles and Geomembranes 26(3), 250-262. (NSC96-2221-E-032-039-MY3) (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological)
16	Wu, C.S., Hong, Y.S., Yan, Y.W., Chang, B.S. (2006/02), Soil-nonwoven geotextile filtration behavior under contact with drainage materials, Geotextiles and Geomembranes 24(1), 1-10. (NSC90-2211-E032-020) (SCI, Impact Factor: 3.715, Rank Factor: 2/36, Subject Category: Engineering, Geological)
17	Hong, Y.S., Wu, C.S. (2005/12), A simplified approach of stability analysis for nailed earth slopes, Geotechnical Engineering Journal, December 36(3), 185-193. (EI)
18	Hong, Y.S., Chen, R.H., Wu, C.S., Chen, J.R. (2005/10), Shaking table tests and stability analysis of steep nailed slopes, Canadian Geotechnical Journal 42(5), 1264-1279. (NSC90-2211-E032-027) (SCI, Impact Factor: 2.565, Rank Factor: 11/36, Subject Category: Engineering, Geological)
19	洪勇善(2003/12), 土釘加勁陡坡破壞機制及耐震行為, 地工技術, 第 98 期, 第 17-26 頁。
20	Hong, Y.S., Wu, C.S., Yang, S.H. (2003/10), Pullout resistance of single and double nails in a model sandbox, Canadian Geotechnical Journal 40(5), 1039-1047. (SCI, Impact Factor: 2.565, Rank Factor: 11/36, Subject Category: Engineering, Geological)
21	Hong, Y.S., Wu, C.S., Chen, R.H. (2003/08), Mechanical behavior of vertical excavated nailed walls, Geotechnical Engineering Journal 34(2), 87-99. (EI)
22	陳榮河、洪勇善、林世偉、莊鴻榜、林又青(2001/09), 考量生態之工法研析, 土木工程技術, 第 5 卷, 第 3 期, 第 29-40 頁。
23	陳榮河、林世偉、洪勇善(2001/04), 生態考量之新工法, 土木技術, 第 38 期, 第 29-37 頁。
24	洪勇善(2000/09), 現地坡面土釘加勁工法之應用, 土木技術, 第 31 期, 第 45-55 頁。
25	陳榮河、洪勇善(1999/04), 崩塌地整治工法之介紹, 地工技術, 第 72 期, 第 5-12 頁。