

1.未經學術研究機構審核之一般性論文報章社論/電子報等文章一律不予採計

2.各類論文可得點數：

SSCI、AHCI每篇8點、SCI期刊論文：ranking $\leq$ 10% (每篇8點)；10% < ranking $\leq$ 30% (每篇6點)；ranking > 30% (每篇4點)

『國科會公告之「臺灣人文及社會科學期刊評比暨核心期刊收錄」期刊名單』評比結果為第一級期刊 (每篇6點)；第二級期刊 (每篇4點)；第三級期刊 (每篇2點)

※請將申請表印出確認後簽名於 (STEP3 表格檔案列印：表A) · 繳交研發處企劃暨學術合作組 (分機2252)

序號	出版年月	論文名稱	期刊名稱	第一作者	通訊作者	百分比	影響係數 (IF)	收錄分類	點數
1	111 / 11	Support motion of a finite bar with a viscously damped boundary	JOURNAL OF MECHANICS	是	是	81.88%	1.455	SCI	4
2	111 / 10	Analytical solution for potential flow across two cylinders using the BIE in conjunction with degenerate kernels of bipolar coordinates	APPLIED MATHEMATICS LETTERS	是	是	3.00%	4.294	SCI	8
3	111 / 09	Construction of dynamic Green's function for an infinite acoustic field with multiple prolate spheroids	ACTA MECHANICA	否	是	47.83%	2.645	SCI	4
4	111 / 09	Interaction between a screw dislocation and an elastic elliptical inhomogeneity by using the angular basis function	ZEITSCHRIFT FUR ANGEWANDTE MATHEMATIK UND PHYSIK	是	是	21.35%	2.221	SCI	6
5	111 / 07	A systematic approach for potentials on closely packed cells using the null-field boundary integral equation in conjunction with the degenerate kernel and eigenfunction expansion	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	否	是	21.30%	3.250	SCI	6
6	111 / 06	An indirect BIE free of degenerate scales	Communications on Pure and Applied Analysis	是	是	30.63%	1.273	SCI	4
7	111 / 05	Interaction between a screw dislocation and an elliptical hole or rigid inclusion by using the angular basis function	ZAMM-Zeitschrift fur Angewandte Mathematik und Mechanik	是	是	36.70%	1.759	SCI	4
8	111 / 04	Study on the interaction between a screw dislocation and circular holes or rigid inclusions by using the angular basis function in conjunction with bipolar coordinates	MATHEMATICS AND MECHANICS OF SOLIDS	是	是	28.70%	2.719	SCI	6
9	111 / 04	Support motion of finite bar with an external spring	JOURNAL OF LOW FREQUENCY NOISE VIBRATION AND ACTIVE CONTROL	是	是	43.75%	2.368	SCI	4
10	111 / 03	Study on the double-degeneracy mechanism of BEM/BIEM for a plane elasticity problem	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	是	是	21.30%	3.250	SCI	6

11	110 / 12	On the role of singular and hypersingular BIEs for the BVPs containing a degenerate boundary	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	是	是	21.30%	3.250	SCI	6
12	110 / 11	Applications of degenerate kernels to potential flow across circular, elliptical cylinders and a thin airfoil	EUROPEAN JOURNAL OF MECHANICS B-FLUIDS	是	是	52.17%	2.598	SCI	4
13	110 / 06	Construction of a curve by using the state equation of Frenet formula	Journal of Mechanics	是	是	81.88%	1.455	SCI	4
14	110 / 05	On the path independence and invariant of the J-integral for a slant crack and rigid-line inclusion using degenerate kernels and the dual BEM	Engineering Analysis with Boundary Elements	是	是	21.30%	3.250	SCI	6
15	110 / 04	Study on the stress intensity factor and the double-degeneracy mechanism in the BEM/BIEM for anti-plane shear problems	THEORETICAL AND APPLIED FRACTURE MECHANICS	是	是	20.29%	4.374	SCI	6
16	110 / 03	On the linkage between influence matrices in the BIEM and BEM to explain the mechanism of degenerate scale for a circular domain	JOURNAL OF MECHANICS	是	是	81.88%	1.455	SCI	4
17	110 / 02	On the stress concentration factor of circular/elliptic hole and rigid inclusion under the remote anti-plane shear by using degenerate kernels	ARCHIVE OF APPLIED MECHANICS	是	是	56.52%	2.467	SCI	4
18	109 / 11	Revisit of logarithmic capacity of line segments and double-degeneracy of BEM/BIEM	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	是	是	21.30%	3.250	SCI	6
19	109 / 10	On the degenerate scale of an infinite plane containing two unequal circles	Advances in Applied Mathematics and Mechanics	是	是	55.06%	1.295	SCI	4
20	109 / 09	Dynamic Green's functions for multiple elliptical inclusions with imperfect interfaces	MECHANICS RESEARCH COMMUNICATIONS	否	是	45.65%	2.749	SCI	4
21	109 / 06	A new error estimation technique for solving torsion bar problem with inclusion by using BEM	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	否	是	21.30%	3.250	SCI	6
22	109 / 05	Analytical and numerical studies for solving Steklov eigenproblems by using the boundary integral equation method/boundary element method	ENGINEERING ANALYSIS WITH BOUNDARY ELEMENTS	是	是	21.30%	3.250	SCI	6
23	109 / 05	A study on the degenerate scale by using the fundamental solution with dimensionless argument for 2D elasticity problems	JOURNAL OF THE CHINESE INSTITUTE OF ENGINEERS	是	是	84.78%	1.107	SCI	4
24	109 / 04	Linkage of logarithmic capacity in potential theory and degenerate scale in the BEM for two tangent discs	APPLIED MATHEMATICS LETTERS	是	是	3.00%	4.294	SCI	8
25	109 / 02	Isogeometric analysis of the dual boundary element method for the Laplace problem with a degenerate boundary	JOURNAL OF MECHANICS	否	是	81.88%	1.455	SCI	4

26	108 / 10	Semi-analytical approach for torsion problems of a circular bar containing multiple holes and/or cracks	Engineering Fracture Mechanics	否	是	13.77%	4.898	SCI	6
27	108 / 05	Indirect boundary element method combining extra fundamental solutions for solving exterior acoustic problems with fictitious frequencies	Journal of the Acoustical Society of America	否	是	37.04%	2.482	SCI	4
28	108 / 01	Revisit of the degenerate scale for an infinite plane problem containing two circular holes using conformal mapping	Applied Mathematics Letters	否	是	3.00%	4.294	SCI	8
29	107 / 12	Scattering problems of the SH wave by using the -field boundary integral equation method	Journal of Earthquake Engineering	是	是	49.28%	2.997	SCI	4
30	107 / 10	On the animations and properties of three SDOF damping systems	Journal of Engineering Mechanics	是	是	40.15%	3.125	SCI	4
31	107 / 08	Static analysis of the free-free trusses by using a self-regularization approach	Journal of Mechanics	否	是	81.88%	1.455	SCI	4
32	107 / 07	Dynamic Green's function for multiple circular inclusions with imperfect interfaces using the collocation multipole method	Engineering Analysis with Boundary Elements	是	是	21.30%	3.250	SCI	6
33	107 / 06	Quaternion boundary element method for coupled exterior and interior magnetostatic fields	IEEE Transactions on Magnetics	是	是	69.93%	1.848	SCI	4