

附表 5、期刊論文表現（所列期刊論文應與研究中心之研究相關）

編號	作者	中心參與人員	標題	期刊名稱	ISSN	發表年	卷	期	頁碼(起)	頁碼(迄)	DOI 碼
1.	Yan, W.-M., Huang, C.-Y., Gao, K.-E., Amani, M., Chien, L.-H., Homayooni, A.	簡良翰	Study on the performance enhancement of ice storage and melting processes in an ice-on-coil thermal energy storage system	Journal of Energy Storage	2352152X	2023	72		論文編號 108410		https://doi.org/10.1016/j.est.2023.108410
2.	Yan, W.-M., Gao, K.-E., Sajjad, U., Chien, L.-H., Amani, M.	簡良翰	Experimental study of dynamic melting process in an ice-on-coil storage system	Journal of Energy Storage	2352152X	2023	73		論文編號 109177		https://doi.org/10.1016/j.est.2023.109177
3.	Hsu, C.-Y., Chien, L.-H., Chang, J.-C.	簡良翰	Experimental study of falling film evaporation of refrigerants, R32, R1234yf, R410A, R452B and R454B on horizontal tubes	International Journal of Heat and Mass Transfer	00179310	2023	205		論文編號 123914		https://doi.org/10.1016/j.ijheatmasstransfer.2023.123914
4.	Lee, Y.-T., Chien, L.-H., Cheung, F.-B., Yang, A.-S.	簡良翰	Numerical and experimental investigations on melting heat transfer performance of PCM in finned cold thermal energy storage	International Journal of Heat and Mass Transfer	00179310	2023	210		論文編號 124199		https://doi.org/10.1016/j.ijheatmasstransfer.2023.124199

5.	Tsai, M.-A., Chien, L.-H., Hsu, C.-Y.	簡良翰	Heat transfer enhancement of helical tubes during pool boiling	International Journal of Heat and Mass Transfer	00179 310	2023	211		論文 編號 1242 69		https://doi.org/10.1016/j.ijheatmasstransfer.2023.124269
6.	Dr. Sakthivel Kogularasu	王錫福	Unlocking Catalytic Potential: Exploring the Impact of Thermal Treatment on Enhanced Electrocatalysis of Nanomaterials	Angewandte Chemie - International Edition	14337 851	2023	63	1	論文 編號 e202 3118 06		https://doi.org/10.1002/ange.202311806
7.	Huang, Yong-Yi; Lai, Yen-Shin	賴炎生	Optimal Inductor Design Method for GaN-Based PFC	IEEE Access	21693 536	2023	11		1044 52	1044 62	10.1109/ACCESS.2023.3317332
8.	Ho, C.J., Peng, J.-K., Yang, T.-F., Rashidi, S., Yan, W.-M.	顏維謀	On the assessment of the thermal performance of microchannel heat sink with nanofluid	International Journal of Heat and Mass Transfer	00179 310	2023	201		論文 編號 1235 72		https://doi.org/10.1016/j.ijheatmasstransfer.2022.123572
9.	Ho, C.J., Pan, J., Yang, T.- F., Rashidi, S., Yan, W.- M.	顏維謀	Experimental study on thermal performance of water/nano-phase change emulsion through a mini- and micro-channel stacked double-layer heat sink	International Journal of Heat and Mass Transfer	00179 310	2023	217		論文 編號 1246 95		https://doi.org/10.1016/j.ijheatmasstransfer.2023.124695

10.	Yang, T.-F., Yan, W.-M., Lin, P.-Y., Lin, C.-Y., Yang, C.-C., Sajjad, U.	顏維謀	Thermal management of 21700 Li-ion battery packs: Experimental and numerical investigations	Applied Thermal Engineering	13594 311	2023	236		論文 編號 1215 18		https://doi.org/10.1016/j.applthermaleng.2023.121518
11.	Chen, B.-L., Yang, T.-F., Sajjad, U., Ali, H.M., Yan, W.-M.	顏維謀	Deep learning-based assessment of saturated flow boiling heat transfer and two-phase pressure drop for evaporating flow	Engineering Analysis with Boundary Elements	09557 997	2023	151		519	537	https://doi.org/10.1016/j.engana-bound.2023.03.016
12.	GokulaKrishnan, S.A., Arthanareeswaran, G., Prasad, S.V., Yan, W.-M., Sangeetha, T., Sashank Raman, J., Ponnusami, V.	顏維謀	New insights of g-C ₃ N ₄ /Bi ₂ WO ₆ nanocomposite surface assembled on PVDF hybrid membrane for the treatment of pirimicarb pesticides	Journal of the Taiwan Institute of Chemical Engineers	18761 070	2023			論文 編號 1051 36		https://doi.org/10.1016/j.jtice.2023.105136
13.	Chen, B.-L., Lin, G.-S., Amani, M., Yan, W.-M.	顏維謀	Microwave-assisted freeze drying of pineapple: Kinetic, product quality, and energy consumption	Case Studies in Thermal Engineering	22141 57X	2023	41		論文 編號 1026 82		https://doi.org/10.1016/j.csite.2022.102682

14.	Ho, C.J., Peng, J.-K., Yang, T.-F., Rashidi, S., Yan, W.-M.	顏維謀	Assessment of cooling performance of mini/micro-channel stacked double layer heat sink	Alexandria Engineering Journal	11100 168	2023	80		465	474	https://doi.org/10.1016/j.aej.2023.08.074
15.	Chen, H.-T., Zhuang, X.-W., Rashidi, S., Yan, W.-M.	顏維謀	Temperature control in warehouse with internal and external heat rejections	International Journal of Thermal Sciences	12900 729	2023	194		論文 編號 1086 00		https://doi.org/10.1016/j.ijthermalsci.2023.108600
16.	Yan, W.-M., Lin, J.-C., Chen, C.-Y., Amani, M.	顏維謀	Performance evaluation of TiN/Ti coatings on the aluminum alloy bipolar plates for PEM fuel cells	Renewable Energy	09601 481	2023	216		論文 編號 1190 42		https://doi.org/10.1016/j.renene.2023.119042
17.	Kuo, J.-K., Wu, P.-R., Yang, T.-F., Yan, W.-M.	顏維謀	Optimal technical analysis of vacuum ejector for passive hydrogen recovery	International Journal of Hydrogen Energy	03603 199	2023	48	22	8260	8272	https://doi.org/10.1016/j.ijhydene.2022.11.218
18.	Wang, L., Liu, C., Sangeetha, T., Yan, W.M., Sun, F., Li, Z., Wang, X., Pan, K., Wang, A., Bi, X., Liu, W.	顏維謀	Integrated microbial electrolysis with high-alkali pretreated sludge digestion: Insight into the effect of voltage on methanogenesis and substrate metabolism	Journal of Environmental Management	03014 797	2023	341		論文 編號 1180 07		https://doi.org/10.1016/j.jenvman.2023.118007

19.	Chen, H.-T., Huang, Y.-C., Chen, K.-X., Chang, J.-R., Yan, W.-M.	顏維謀	Experimental and numerical study of inverse natural convection-conduction problem in a fully partitioned cavity	An International Journal of Computation and Methodology	10407 782	2023			1		https://doi.org/10.1080/10407782.2023.2255930
20.	Ho, C.J., Peng, J.-K., Yang, T.-F., Rashidi, S., Yan, W.-M.	顏維謀	Comparison of cooling performance of nanofluid flows in mini/micro-channel stacked double-layer heat sink and single-layer micro-channel heat sink	International Journal of Thermal Sciences	12900 729	2023	191		論文 編號 1083 75		https://doi.org/10.1016/j.ijthermalsci.2023.108375
21.	Gao, L., Sangeetha, T., Wang, L., Cui, M.-H., Guo, Z.-C., Yan, W.-M., Liu, W.-Z., Wang, A.-J.	顏維謀	The regulating role of applied voltage on methanogenesis in an up-flow single-chamber microbial electrolysis assisted reactor	Journal of Water Process Engineering	22147 144	2023	53		論文 編號 1037 99		https://doi.org/10.1016/j.jwpe.2023.103799
22.	Chen, B.-L., Jang, J.-H., Amani, M., Yan, W.-M.	顏維謀	Numerical and experimental study on the heat and mass transfer of kiwifruit during vacuum freeze-drying process	Alexandria Engineering Journal	11100 168	2023	73		427	442	https://doi.org/10.1016/j.aej.2023.05.025

23.	Azam, M.W., Chaudhary, G.Q., Sajjad, U., Abbas, N., Yan, W.-M.	顏維謀	Performance investigation of solar assisted desiccant integrated Maisotsenko cycle cooler in subtropical climate conditions	Case Studies in Thermal Engineering	22141 57X	2023	44		論文 編號 1028 64		https://doi.org/10.1016/j.csite.2023.102864
24.	Li, W.-K., Wang, Y.J., Lin, T.F., Chen, C.A., Yan, W.-M.	顏維謀	Unsteady heat transfer characteristics of R-407C in the subcooled flow boiling stemming from the oscillating refrigerant flow rate	Case Studies in Thermal Engineering	22141 57X	2023	47		論文 編號 1030 71		https://doi.org/10.1016/j.csite.2023.103071
25.	Li, C.-H., Lin, Z.-J., Chang, C.-C., Rashidi, S., Yan, W.-M.	顏維謀	An experimental study on planar vacuum membrane dehumidifier equipped with serpentine flow channel plate	Alexandria Engineering Journal	11100 168	2023	64		13	23	https://doi.org/10.1016/j.aej.2022.08.041
26.	Li, C.-H., Ho, H.-Y., Yang, T.-F., Amani, M., Yan, W.- M.	顏維謀	Numerical Simulation of a Flat-Sheet Membrane-based Dehumidifier with Various Serpentine Flow Channels [Simulation numérique d'un déshumidificateur membranaire à feuille plate avec différents canaux d'écoulement en serpentin]	International Journal of Refrigeration	01407 007	2023	145		50	58	https://doi.org/10.1016/j.ijrefrig.2022.09.003

27.	Hussain, I., Bibi, F., Sajjad, U., Sultan, M., Kumar Kaushal, S., Yan, W.-M.	顏維謀	A new insight into two-phase flow pressure-drop estimation and optimization of the refrigerant R1234yf	materialstoday: proceedings	22147 853	2023					https://doi.org/10.1016/j.matpr.2023.03.195
28.	Sathesh, T., Shih, Y.-C.	施陽正	Optimized deep learning-based prediction model for chiller performance prediction	Data & Knowledge Engineering	01690 23X	2023	144		論文 編號 1021 20		https://doi.org/10.1016/j.datak.2022.102120
29.	Chiu, C.K., Chuah, Y.K., Shih, Y.-C.	蔡尤溪 施陽正	Visually activated sprinklers applied in atria to mitigate the interaction of water spray with the smoke layer	Case Studies in Thermal Engineering	22141 57X	2023	51		論文 編號 1035 17		https://doi.org/10.1016/j.csite.2023.103517
30.	Lee, Y.-C., Chen, K.-Y., Yan, W.-M., Shih, Y.-C., Chao, C.-Y.	施陽正	Evaporative cooling method to improve energy management of overhead downward flow- type data center	Case Studies in Thermal Engineering	22141 57X	2023	45		論文 編號 1029 98		https://doi.org/10.1016/j.csite.2023.102998
31.	Shih, Y.-C., Lee, Y.-C., Lin, K.-C.	施陽正	Optimized design on the thermohydraulic performance of the helical coil heat exchanger	International Journal of Thermofluids	26662 027	2023	17		論文 編號 1002 71		https://doi.org/10.1016/j.ijft.2022.100271

32.	Huang, C.-H., Tsai, H.-H., Chen, C.-H.	黃志弘	Observation of the vertical structure of atmospheric boundary layer in subtropical UHI by radiosonde	Geocarto International	10106049	2023	38	1			https://doi.org/10.1080/10106049.2023.2208553
33.	Hung, T.-Y., Wen, C.-S., Yu, S.-H., Chen, Y.-C., Chen, H.-L., Chen, W.-L., Wu, C.-C., Su, Y.-C., Lin, C.-L., Hu, S.-C., Lin, T.	胡石政	A comparative analysis of aerosol exposure and prevention strategies in bystander, pre-hospital, and inpatient cardiopulmonary resuscitation using simulation manikins	scientific reports	20452322	2023	13	1	論文 編號 1255 2		https://doi.org/10.1038/s41598-023-39726-x
34.	Lee, Y.-T., Lo, Y.-L., Juan, Y.-H., Li, Z., Wen, C.-Y., Yang, A.-S.	楊安石	Effect of void space arrangement on wind power potential and pressure coefficient distributions for high-rise void buildings	Journal of Building Engineering	23527102	2023	75		論文 編號 1070 61		https://doi.org/10.1016/j.job.2023.107061
35.	Li, Z., Zhang, H., Juan, Y.- H., Lee, Y.- T., Wen, C.- Y., Yang, A.- S.	楊安石	Effects of urban tree planting on thermal comfort and air quality in the street canyon in a subtropical climate	Sustainable Cities and Society	22106707	2023	91		論文 編號 1043 34		https://doi.org/10.1016/j.scs.2022.104334

36.	Lee, Y.-T., Lo, Y.-L., Juan, Y.-H., Li, Z., Wen, C.-Y., Yang, A.-S.	楊安石	Effect of void space arrangement on wind power potential and pressure coefficient distributions for high-rise void buildings	International Journal of Thermal Sciences	23527 102	2023	75		論文 編號 1070 61		https://doi.org/10.1016/j.ijthermalsci.2023.107061
37.	Lee, Y.-T., Tseng, L.-Y., Su, C.-H., Li, Z., Wen, C.- Y., Yang, A.- S.	楊安石	Effects of control zone, exhaust rate and station extent on smoke dispersal during emergency concourse fires in underground stations	International Journal of Thermal Sciences	12900 729	2023	191		論文 編號 1083 63		https://doi.org/10.1016/j.ijthermalsci.2023.108363
38.	Balram, D., Lian, K.-Y., Sebastian, N., Alharthi, S.S., Al-Saidi, H.M., Yadav, V.K., Kumar, D., Kumar, V.	練光祐	A novel ternary nanocomposite based electrochemical sensor coupled with regularized neural network for nanomolar detection of sunset yellow FCF	Journal of Alloys and Compounds	09258 388	2023	968		論文 編號 1719 34		https://doi.org/10.1016/j.jallcom.2023.171934
39.	Wubet, Y.A., Balram, D., Lian, K.-Y.	練光祐	Intra-Native Accent Shared Features for Improving Neural Network-Based Accent Classification and Accent Similarity Evaluation	IEEE Access	21693 536	2023	11		3217 6	3218 6	https://doi.org/10.1109/ACCESS.2023.3259901

40.	Li, Y.-F., Yang, K.-H., Hsu, P.-Y., Syu, J.-Y., Wang, S.-J., Kuo, W.-S., Tsai, Y.-K.	李有豐	Comparing Mechanical Characterization of Carbon, Kevlar, and Hybrid-Fiber-Reinforced Concrete under Quasistatic and Dynamic Loadings	Buildings	20755 309	2023	13	8	論文 編號 2044		https://doi.org/10.3390/buildings13082044
41.	Li, Y.-F., Hsu, Y.-W., Syu, J.-Y., Chen, B.-Y., Song, B.	李有豐	Study on the Utilization of Waste Thermoset Glass Fiber-Reinforced Polymer in Normal Strength Concrete and Controlled Low Strength Material	Materials	19961 944	2023	16	9	論文 編號 3552		https://doi.org/10.3390/ma16093552
42.	Li, Y.-F., Hao, G.-W., Syu, J.-Y., Chen, B.-Y., Lee, W.-H., Tsai, Y.-K.	李有豐	Use of Geopolymer and Carbon Fiber-Reinforced Polymer for Repairing Reinforced Concrete Deck Soffit	Materials	19961 944	2023	16	12	論文 編號 4459		https://doi.org/10.3390/ma16124459
43.	Li, Y.-F., Li, J.-Y., Syu, J.- Y., Yang, T.- H., Chang, S.- M., Shen, M.- Y.	李有豐	Mechanical Behaviors of Microwave-Assisted Pyrolysis Recycled Carbon Fiber-Reinforced Concrete with Early-Strength Cement	Materials	19961 944	2023	16	4	論文 編號 1507		https://doi.org/10.3390/ma16041507
44.	Li, Y.-F., Huang, Y.-R., Syu, J.-Y., Tsai, Y.-K., Huang, C.-H.	李有豐	A study on mechanical behavior of Kevlar fiber reinforced concrete under static and high-strain rate loading	International Journal of Protective Structures	20414 196	2023	14	3	407	437	https://doi.org/10.1177/20414196221118596

45.	Juan, Y.-H., Li, Z., Lee, Y.-T., Wen, C.-Y., Yang, A.-S.	阮于軒	Effect of wind-based climate-responsive design on city breathability of a compact high-rise city	Journal of Building Engineering	23527 102	2023	78		論文 編號 1077 73		https://doi.org/10.1016/j.jobeb.2023.107773
46.	Wan-En, O., Yun-Ming, L., Cheng- Yong, H., Abdullah, M.M.A.B., Li Ngee, H., Pakawanit, P., Wei Ken, P., Khalid, M.S., Md Razi, H., Lee, W.-H., Soo Jin, T., Shee-Ween, O., Yong-Jie, H.	李韋線	Acid-resistance of one-part geopolymers: Sodium aluminate and carbonate as alternative activators to conventional sodium metasilicate and hydroxide	Construction and Building Materials	09500 618	2023	404		論文 編號 1332 64		https://doi.org/10.1016/j.conbuildmat.2023.133264
47.	Lin, W.-T., Lin, Y.-W., Hung, M.-J., Lee, W.-H., Kuo, B.-Y., Lin, K.-L.	李韋線	Recycling of cathode ray tubes and stone sludge for the synthesis of Al-MCM-41 grafted amine functional group and environmental humidity control material applications	Materials Science and Engineering: B	09215 107	2023	297		論文 編號 1167 98		https://doi.org/10.1016/j.mseb.2023.116798

48.	Peng, S.-Y., Lin, Y.-W., Lee, W.-H., Lin, Y.-Y., Hung, M.-J., Lin, K.-L.	李韋線	Removal of Cu ²⁺ from wastewater using eco-hydroxyapatite synthesized from marble sludge	Materials Chemistry and Physics	02540 584	2023	293		論文 編號 1268 54		https://doi.org/10.1016/j.matchemphys.2022.126854
49.	Lee, W.-H., Lin, Y.-W., Lin, K.-L.	李韋線	Optimization of synthesis parameters for the preparation of zeolite by reusing industrial waste as raw material: Sandblasting waste and solar panel waste glass	Solid State Sciences	12932 558	2023	143		論文 編號 1072 77		https://doi.org/10.1016/j.solidstatosciences.2023.107277
50.	Lin, Y.-W., Peng, S.-Y., Lee, W.-H., Lin, Y.-Y., Hung, M.-J., Lin, K.-L.	李韋線	Characterization of Cu ²⁺ adsorption for eco-hydroxyapatite derived from limestone sludge via hydrothermal synthesis	Journal of Material Cycles and Waste Management	14384 957	2023	25	2	1069	1081	https://doi.org/10.1007/s10163-023-01593-z
51.	Lin, Y.-W., Lee, W.-H., Kuo, B.-Y., Lin, K.-L.	李韋線	Effect of the indoor humidity control characteristics for amine grafted functionalized mesoporous silica nanomaterials	Journal of the Chinese Institute of Engineers	02533 839	2023	46	1	11	20	https://doi.org/10.1080/02533839.2022.2141336
52.	Lin, Y.-W., Lee, W.-H., Chen, C.-Y., Lin, K.-L., Liu, Y.-J., Zhang, W.-	李韋線	Preparation and humidity control performance of aluminum containing mesoporous molecular sieve synthesis from liquid crystal display waste glass and sandblasting waste	Materials Today: Communications	23524 928	2023	34		論文 編號 1052 27		https://doi.org/10.1016/j.mtcomm.2022.105227

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53.	Lin, Y.-W., Lee, W.-H., Chen, C.-Y., Liu, Y.-J., Zhang, W.-Q., Lin, M.-Y., Lin, K.-L.	李韋線	Synthesis of aluminum-mesoporous MCM-41 humidity control material from thin-film transistor liquid crystal display waste glass and sandblasting waste and its application	Boletín de la Sociedad Española de Cerámica y Vidrio	03663 175	2023	62	4	357	367	https://doi.org/10.1016/j.bsecv.2022.06.003
54.	Lin, Y.-H., Shen, T.-Y.	林郁修	Novel cell screening and prognosing based on neurocomputing-based multiday-ahead time-series forecasting for predictive maintenance of battery modules in frequency regulation-energy storage systems	Applied Energy	03062 619	2023	351		論文 編號 1218 67		https://doi.org/10.1016/j.apenergy.2023.121867
55.	Lin, Yu-Hsiu; Tao, Jing ;Shen, Ting-Yu	林郁修	A Novel Three-Stage Battery Cell Anomaly Detection Approach for a Frequency Regulation-Energy Storage System in Edge-Cloud Computing	IEEE Transactions on Energy Conversion	08858 969	2023			1	20	https://doi.org/10.1109/TEC.2023.3319331

56.	Chen, Yung-Yao; Hu, Yu-Chen; Kao, Hsiang-Yun; Lin, Yu-Hsiu	林郁修	Security for eHealth system: data hiding in AMBTC compressed images via gradient-based coding	Complex & intelligent systems	21994 536	2023	9	3	2699	2711	https://doi.org/10.1007/s40747-021-00391-0
57.	Liu, X., Chen, Y.-L., Por, L.Y., Ku, C.S.	陳彥霖	A Systematic Literature Review of Vehicle Routing Problems with Time Windows	Sustainability	20711 050	2023	15	15	論文 編號 1200 4		https://doi.org/10.3390/su151512004
58.	Alexan, W., Chen, Y.-L., Por, L.Y., Gabr, M.	陳彥霖	Hyperchaotic Maps and the Single Neuron Model: A Novel Framework for Chaos-Based Image Encryption	Symmetry	20738 994	2023	15	5	論文 編號 1081		https://doi.org/10.3390/sym15051081
59.	Asif Ali Wagan, Abdullah Ayub Khan, Yen-Lin Chen, Por Lip Yee, Jing Yang, and Asif Ali Laghari	陳彥霖	Artificial Intelligence-Enabled Game-Based Learning and Quality of Experience: A Novel and Secure Framework (B-AIQoE)	Sustainability		2023	15	6	論文 編號 5362		https://doi.org/10.3390/su15065362

60.	Yang, J., Xiong, J., Chen, Y.-L., Yee, P.L., Ku, C.S., Babanezhad, M.	陳彥霖	Improved Golden Jackal Optimization for Optimal Allocation and Scheduling of Wind Turbine and Electric Vehicles Parking Lots in Electrical Distribution Network Using Rosenbrock's Direct Rotation Strategy	Mathematics	22277 390	2023	11	6	論文 編號 1415		https://doi.org/10.3390/math11061415
61.	Abbasi, M.A., Chen, Y.-L., Khan, A.A., Memon, Z.A., Durrani, N.M., Yang, J., Ku, C.S., Por, L.Y.	陳彥霖	Enabling IoT Service Classification: A Machine Learning-Based Approach for Handling Classification Issues in Heterogeneous IoT Services	IEEE Access	21693 536	2023	11		8902 4	8903 7	https://doi.org/10.1109/ACCESS.2023.3306607
62.	A. Hasib Uddin, Yen- Lin Chen, Bijly Borkatullah, Mst. Sathi Khatun, Jannatul Ferdous, Prince Mahmud, Jing Yang, Chin Soon Ku, and Lip Yee Por	陳彥霖	Deep-Learning-Based Classification of Bangladeshi Medicinal Plants Using Neural Ensemble Models	Mathematics		2023					https://doi.org/10.3390/math11163504

63.	Yang, J., Chen, Y.-L., Yee, P.L., Ku, C.S., Babanezhad, M.	陳彥霖	An Improved Artificial Ecosystem-Based Optimization Algorithm for Optimal Design of a Hybrid Photovoltaic/Fuel Cell Energy System to Supply A Residential Complex Demand: A Case Study for Kuala Lumpur	energies	19961 073	2023	16	6	論文 編號 2867		https://doi.org/10.3390/en16062867
64.	Chan, J.Y.-L., Phoong, S.W., Phoong, S.Y., Cheng, W.K., Chen, Y.-L.	陳彥霖	The Bitcoin Halving Cycle Volatility Dynamics and Safe Haven-Hedge Properties: A MSGARCH Approach	Mathematics	22277 390	2023	11	3	論文 編號 698		https://doi.org/10.3390/math11030698
65.	MOHAMED GABR, YOUSEF KORAYEM, YEN-LIN CHEN, LIP YEE POR, CHIN SOON KU, WASSIM ALEXAN	陳彥霖	R3-Rescale, Rotate and Randomize: ANovel Image Cryptosystem UtilizingChaotic and Hyperchaotic Systems	IEEE Access		2023	4		1	34	https://doi.org/10.1109/ACCESS.2017.DOI
66.	Abdullah Ayub Khan, Yen-Lin Chen, Fahima Hajjej, Aftab Ahmed Shaikh, Jing Yang, Chin	陳彥霖	Towards an Intelligent Industrial Environment: Blockchain-Empowering Human-Centered Artificial Intelligence for Risk Assessment and Strategic Evaluation	Heliyon		2023					http://dx.doi.org/10.2139/ssrn.4582304

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67.	Vinoth, S., Vadivel, R., Hu, N.-T., Chen, C.-S., Gunasekaran, N.	陳金聖	Bifurcation Analysis in a Harvested Modified Leslie–Gower Model Incorporated with the Fear Factor and Prey Refuge	Mathematics	22277 390	2023	11	14	論文 編號 3118		https://doi.org/10.3390/math11143118
68.	Chen, C.-S., Lin, F.-C., Lin, C.-J.	陳金聖	The Energy Efficiency Multi-Robot System and Disinfection Service Robot Development in Large-Scale Complex Environment	Sensors	14248 220	2023	23	12	論文 編號 5724		https://doi.org/10.3390/s23125724
69.	Li, S.Y., Gai, Y., Shih, K.C., Chen, C.S.	陳金聖	An Efficient Image Encryption Algorithm Based on Innovative DES Structure and Hyperchaotic Keys	IEEE Transactions on Circuits and Systems I: Regular Papers	15498 328	2023	70	10	4103	4111	https://doi.org/10.1109/TCSI.2023.3296693
70.	Chen, C.-S., Hu, N.-T.	陳金聖	Eye-in-Hand Robotic Arm Gripping System Based on Machine Learning and State Delay Optimization	Sensors	14248 220	2023	23	3	論文 編號 1076		https://doi.org/10.3390/s23031076

71.	Li, S.-Y., Li, H.-A., Tam, L.-M., Chen, C.-S.	陳金聖	A Smart System for an Assessment of the Remaining Useful Life of Ball Bearings by Applying Chaos-Based Health Indicators and a Self-Selective Regression Model	Sensors	14248 220	2023	23	3	論文 編號 1267	https://doi.org/10.3390/s23031267
72.	Lin, Feng-Chieh; Chen, Chin-Sheng; Lin, Chia-Jen	陳金聖	Water Heating and Circulating Heating System with Energy-Saving Optimization Control	Applied Sciences	20763 417	2023	13	9	論文 編號 5542	https://doi.org/10.3390/app13095542