陈东燊

职称 ：副院长、教授
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教育背景

1982-1986	博士：英国伦敦大学帝国理工学院，柔性制造系统
1981-1982	硕士：英国伦敦大学帝国理工学院，高等应用力学
1979-1981	学士：英国布莱顿大学，机械工程

Working Experience

2022-present	副院长及教授, 商学院, 澳门科技大学
2009-2022	副教授/教授/副院长（科研）/副系主任/ 香港理工大学工业及系统工程学系
1996-2009	讲师/副教授/ 香港大学工业及制造系统工程学系
1988-1996	讲师/资深讲师/ 南澳大学（澳洲）制造及机械工程学院
1986-1988	研究员，思克莱德大学（英国）设计，制造及工程管理系

教学活动

项目管理
运筹学
生产与运营管理
供应链管理

研究领域

优化
调度运筹
决策科学

物流与供应链管理

学术期刊论文 (1/9/2020 – 31/8/2023) 最近 3 年

(1) Wang, T., Wang, X.P., Ma, R., Li, X., Hu, X., <u>Chan, F.T.S.</u> and Ruan, J.H. (2020), Random Forest-Bayesian Optimization for Product Quality Prediction with Large Scale Dimensions in Process Industrial Cyber-Physical Systems, *IEEE Internet of Things*, Sept., Vol. 7, No. 9, pp. 8641-8653.

(2) <u>Chan, F.T.S.</u>, *Wang, Z.X., Goswami, A., Singhania, A. and Tiwari, M.K. (2020), Multi-objective Particle Swarm Optimisation based Integrated Production Inventory Routing Planning for Efficient Perishable Food Logistics Operations, *International Journal of Production Research,* September, Vol. 58, No. 17, pp. 5155-5174.

(3) Yuan, X.Y, Shi, J.H., Wang, Y., Hu, T.T, Wang, X.P., <u>Chan, F.T.S.</u> and Ruan, J.H. (2020), An extended Bass Model on consumer quantity of B2C commerce platforms, *Electronic Commerce Research*, September, Vol. 20, No. 3, pp. 609-628.

(4) Ruan, J.H., Hu, X., Huo, X, Shi, Y., <u>Chan, F.T.S.</u>, Wang, X.P., Manogaran, G., Mastorakis, G., Mavromoustakis, C.X. and Zhao, X. (2020), An IoT Based E-business Model of Intelligent Vegetable Greenhouses and Its Key Operation Issues, *Neural Computing & Applications*, October, Vol. 32, No. 1, pp. 15341–15356.

(5) Pu, X., *Wang, Z.X. and <u>Chan, F.T.S.</u> (2020), Adoption of Electronic Supply Chain Management Systems: the Mediation Role of Information Sharing, *Industrial Management and Data Systems*, October, Vol. 120 No. 11, pp. 1977-1999.

(6) Eltoukhy, A.E.E., Shaban, I.A., <u>Chan, F.T.S</u>. and Abdel-Aala, M.A.M. (2020), Data analytics for predicting COVID-19 cases in top affected countries: observations and recommendations, *International Journal of Environmental Research and Public Health*, October, Vol. 17, No. 19, pp. 1-25.

(7)   Qian, Xiaohu, Chan, F.T.S., *Yin, Mingqiang, Zhang, Q., Huang, M. and Fu, X. (2020), A two-stage stochastic winner determination model integrating a hybrid mitigation strategy for transportation service procurement auctions, *Computers and Industrial Engineering*, Nov., Vol. 149.   106703.

(8)   Shang, K., Chan, F.T.S., Karungaru, S., Terada, K., Feng, Z. and Ke, L.-J. (2020), Two-stage robust optimization for the orienteering problem with stochastic weights, *Complexity*, Vol. 2020, Article ID 5649821, pp. 1-15.

(9)   Zhang, C., *Wang, Z.X., Ding, K., Chan, F.T.S. and Ji, W. (2020), An energy-aware Cyber Physical System for energy Big Data analysis and recessive production anomalies detection in discrete manufacturing workshops, *International Journal of Production Research*, December, Vol. 58, No. 23, pp. 7059-7077.

(10)   Huo, J.G., *Zhang, J.H. and Chan, F.T.S. (2020), A fuzzy control system for assembly line balancing with a three-state degradation process in the era of industry 4.0, *International Journal of Production Research*, Dec., Vol. 58, No. 23, pp. 7112-7129.

(11)   Eltoukhy, A.E.E., *Wang, Z.X., Chan, F.T.S., Chung, S.H., Ma, H.M. and Wang, X.P. (2020), Robust aircraft maintenance routing problem using a turn-around time reduction approach, *IEEE SCM-Systems*, Dec., Vol. 50, No. 12, pp. 4919-4932.

(12)   Zhan, S.L., Liu, S., Ignatius, J., Chen, D. and *Chan, F.T.S. (2021), Disaster relief logistics under demand-supply incongruence environment: A sequential approach, *Applied Mathematical Modelling*, January, Vol. 89, part 1, pp.592-609.

(13)   Liu, S., Yu, W., Chan, F.T.S. and Niu, B[*]. (2021), A variable weight based hybrid approach for multi-attribute group decision making under interval-valued intuitionistic fuzzy sets, *International Journal of Intelligent Systems*, Vol. 36, pp. 1015–1052.

(14)   Ruan, J.H., *Wang, Z.X., Chan, F.T.S., Patnaik, S. and Tiwari, M.K. (2021), A reinforcement learning based algorithm for the aircraft maintenance routing

problem*, Expert Systems With Application*, May, Vol. 169, 114399.

(15)   Li, S.M., <u>Chan, F.T.S.</u>, *Tsang, Y.P. and Lam, H.Y. (2021), New Product Idea Selection in the Fuzzy Front End of Innovation: A Fuzzy Best-Worst Method and Group Decision-Making Process, *Mathematics*, Feb., Vol. 9, 337, pp. 1-18.

(16)   Ding, K., Zhang, Y., <u>Chan, F.T.S.</u>, Zhang, C., Lv, J., Liu, Q., Leng L. and Fu, H. (2021), A cyber-physical production monitoring service system for energy-aware collaborative production monitoring in a smart shop floor, *Journal of Cleaner Production*, Vol. 297, May, pp. 1-14.

(17)   Zheng, S., Wang, K., Li, Z., Fu, X. and <u>Chan, F.T.S.</u> (2021), Subsidy or Minimum Requirement? Regulation on Port Adaptation Investment under Disaster Ambiguity, *Transportation Research Part B: Methodological*, Vol. 150, August, pp. 457-481.

(18)   Shaban, I.A., <u>Chan, F.T.S.</u>, Chung, S.H. and Qu, T. (2021), A mixed wholesale-option-contract to fix the demand imbalance between substitutable air cargo routes: a cooperative game approach, *Expert Systems With Applications*, Vol. 182, November, 2021, 115300.

(19)   Shaban, I.A., <u>Chan, F.T.S.</u> and Chung, S.H. (2021), A novel model to manage air cargo disruptions caused by global catastrophes such as Covid-19, *Journal of Air Transport Management*, Vol. 95, August, 102086.

(20)   Qin, Y., Ng, K.K.H., Hu, H., <u>Chan, F.T.S.</u> and Xiao, S.H. (2021), Post disaster management an airport: a coordination and optimisation of runway and hangar resources for relief cargo transports, *Advanced Engineering Informatics*, October, Vol. 50, 101403.

(21)   Lv, J., Jia, S., Wang, H., Ding, K. and <u>Chan, F.T.S.</u> (2021), Comparison of different approaches for predicting material removal power in milling process, *International Journal of Advanced Manufacturing Technology*, June, Vol. 116, pp. 213-227.

(22)   Prakash, S., *Jasti, N.V.K., <u>Chan, F.T.S.</u>, Nilaish, Sharma, V.P. and Sharma, L.K. (2021), Decision Modelling of Critical Success Factors for Cold Chains

using the DEMATEL approach: A case study, *Measuring Business Excellence*, May, DOI 10.1108/MBE-07-2020-0104.

(23)   Qian, Xiaohu , Yin, Mingqiang , <u>Chan, F.T.S.</u>, Zhang, J. and Huang, M. (2021), Sustainable-responsive winner determination for transportation service procurement auctions under accidental disruptions, *Journal of Cleaner Production.*   October, Vol. 320, No. 20, 128833.

(24)   ***Orisaremi, K. K.**, <u>Chan, F. T. S.</u>, & Chung, N. S. H. (2021). Potential reductions in global gas flaring for determining the optimal sizing of gas-to-wire (GTW) process: An inverse DEA approach. *Journal of Natural Gas Science and Engineering*, September, Vol. 93, [103995].

(25)   Hui, J.H., Yan, Z., Lv, J., Liu, Y., Ding, K. and <u>Chan, F.T.S.</u> (2022), An Investigation on Energy Consumption and part Quality of Stereolithography Apparatus Manufactured Parts, *Rapid Prototyping Journal*, January, Vol. 28, No. 1, pp. 52–67.

(26)   Wu, S.M., *<u>Chan, F.T.S.</u> and Chung, S.H. (2022), A Study on Green Supply Chain Under Capital Constraint Considering Time-Varying Salvage Value, *International Journal of Production Research*, Feb., Vol. 60, No. 1, pp. 8-24.

(27)   Huang, C., *<u>Chan, F.T.S.</u> and Chung, S.H. (2022), Recent contributions on supply chain finance: Towards a theoretic and practical research agenda, *International Journal of Production Research*, Vol. 60, No. 2, pp. 493-516. Published online: 30 Aug 2021.   DOI: 10.1080/00207543.2021.1964706.

(28)   *Zhou, F., He, Y., <u>Chan, F.T.S.</u> (2022), Joint Distribution Promotion by Interactive Factor Analysis using an Interpretive Structural Modeling Approach, *SAGE Open*, January-March 2022, pp. 1–16.

(29)   Zhu, B., Zhang, Y., *<u>Ding, K.</u>, *<u>Chan, F.T.S.</u>, Hui, J. and Zhang, F. (2022), Lot-sizing Decisions for Material Requirements Planning with Hybrid Uncertainties in a Smart Factory, *Advanced Engineering Informatics*, January, Vol. 51, 101527.

(30)   Yang, D., Yin, W., *<u>Liu, S.</u> and *<u>Chan, F.T.S.</u> (2022), Understanding the Effect of Multi-Agent Collaboration on the performance of Logistics Park Projects: Evidence from China, *Sustainability,* March, Vol. 14, Issue 7, 4179.

(31)   Zhou, J., Rao, S., Gao, L., Lu, C., *Zheng, J. and *Chan, F.T.S. (2022), Self-regulated bi-partitioning evolution for many-objective optimization, *Information Sciences*, April, Vol. 589, pp. 827-848.

(32)   Prajapati, D., *Chan, F.T.S., Chelladurai, H., Lakshay, L. and Pratap, S. (2022), An IoT embedded Sustainable Supply Chain management of B2B E-commerce. *Sustainability*. April, Vol. 14, No.9, 5066.

(33)   Zhang, X., *Chan, F.T.S. and *Mahadevan, S. (2022), Explainable Machine Learning in Image Classification Models: An Uncertainty Quantification Perspective, *Knowledge-Based Systems*-SI, May, Vol. 243, 108418.

(34)   Wu, S.M., *Chan, F.T.S. and Chung, S.H. (2022), The impact of buyback support on financing strategies for a capital-constrained supplier, *International Journal of Production Economics*, June, Vol. 248, 108457.

(35)   Irfan, I.A., Sumbal, M.S.U.K., Khurshid, F. and *Chan, F.T.S. (2022), Towards a Resilient Supply Chain Model: Critical Role of Knowledge Management and Dynamic Capabilities, *Industrial Management and Data Systems*, May, Vol. 122, No. 5, pp. 1153-1182.

(36)   *Zhang, X., Chan, F.T.S., Yan, C. and Bose, I. (2022), Towards risk-aware artificial intelligence and machine learning systems: An overview, *Decision Support Systems*, Vol. 159, August, 113800.

(37)   Zheng, S., *Wang, K., Chan, F.T.S., Fu, X. and Li, Z.C. (2022), Subsidy on transport adaptation investment-Modeling decisions under incomplete information and Ambiguity, *Transportation Research Part B: Methodological*, Vol. 162, August, pp. 103-129

(38)   Xu, X., Ji, P. and *Chan, F.T.S. (2022), Loss-averse buyers' optimal procurement decision in a multi-sourcing under e-commerce surroundings, *Industrial Management and Data Systems*, Aug. Vol. 122, No. 8, pp. 1787-1815.

(39)   Liu, S., He, X.J., *Chan, F.T.S. and *Wang, Z. (2022), An Extended Multi-Criteria Group Decision-Making Method with Psychological Factors and Bidirectional Influence Relation for Emergency Medical Supplier Selection, *Expert Systems With Applications*, September, Vol. 202, 117414.

(40)   Wu, S.M., *Chan, F.T.S. and Chung, S.H. (2022), The Influence of Positive and Negative Salvage Values on Supply Chain Financing Strategies, *Annals of Operations Research,* Vol. 315, pp. 535-563.

(41)   Prajapati, D., *Chan, F.T.S., Daultani, Y. and Pratap, S. (2022), Sustainable Vehicle Routing of Agro-Food grains in the E-commerce industry, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7319-7344.

(42)   Huang, C., *Chan, F.T.S. and Chung, S.H. (2022), The Impact of Payment Term Extensions on the Working Capital Management of an Automotive Supply Chain, *International Journal of Production research,* Vol. 60, Issue 24, Dec., pp. 7360-7383.

(43)   Kushwaha, S., *Chan, F.T.S., Chakraborty, K. and Pratap, S. (2022), Collection and Remanufacturing Channels Selection under a Product Take-Back Regulation with Remanufacturing Target, *International Journal of Production research,* Vol. 60, Issue 24, Dec., pp. 7384-7410.

(44)   Goswami, M., Daultani, Y., *Chan, F.T.S. and Pratap, S. (2022), Assessing the Impact of Supplier Benchmarking in Manufacturing Value Chains: An Intelligent Decision Support System for Original Equipment Manufacturers, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7411-7435.

(45)   Eltoukhy, A.E.E., *Wang, Z.X., Shaban, I.A. and *Chan, F.T.S. (2022), Coordinating aircraft maintenance routing and integrated maintenance staffing and rostering: A Stackelberg game theoretical model, *International Journal of Production research*, Vol. 60, Issue 24, Dec., pp. 7450-7474.

(46)   Qu, S., Xu, L., Mangla, S.K., *Chan, F.T.S., Zhu, J. and Arisian S. (2022), Matchmaking in Reward-Based Crowdfunding Platforms: A Hybrid Machine Learning Approach, *International Journal of Production research*, December, Vol. 60, Issue 24, pp. 7551-7571.

(47) Orisaremi, K.K., *Chan, F.T.S., Chung, S.H. and Fu, X. (2022), A sustainable lean production framework based on inverse DEA for mitigating gas flaring, *Expert Systems With Applications*, November, Vol. 206, 117856.

(48) Patil, A., Madaan, J., *Chan, F.T.S. and Charan, P. (2022), Advancement of performance measurement system in the humanitarian supply chain, *Expert Systems With Applications*, November, Vol. 206, 15, 117844.

(49) Shardeo, V., Madaan, J. and *Chan, F.T.S. (2022), An Empirical Analysis of Freight Mode Choice Factors amid the COVID-19 Outbreak, *Industrial Management and Data Systems*, Nov, Vol. 122, No. 12, pp. 2783-2805.

(50) Li, J., Zhang, X., *Zhou, Q., *Chan, F.T.S. and Hu, Z. (2022), A feature-level multi-sensor fusion approach for in-situ quality monitoring of selective laser melting, *Journal of Manufacturing Process*, Vol. 84, December, pp. 913-926.

(51) Xu, X., Ji, P. and *Chan, F.T.S. (2022), On maximizing a loss-averse buyer's expected utility in a multi-sourcing problem, *Mathematics and Computers in Simulation*, December, Vol. 202, pp. 388-404.

(52) Kumar, A., *Misra, S.C. and *Chan, F.T.S. (2022), Leveraging AI for advanced analytics to forecast altered tourism industry parameters: A Covid - 19 motivated study, *Expert Systems With Applications*, December, Vol. 210, 118628.

(53) Zhang, Q., *Chan, F.T.S., Chung, S.H. and Fu, X. (2022), Operational aircraft maintenance routing problem incorporating cruise speed control, *Engineering Optimization*.

(54) Ding, K., Niu, Z., Hui, J., Zhou, X. and *Chan, F.T.S. (2022), A Weld Surface Defect Recognition Method based on Improved MobileNetV2 algorithm, *Mathematics*, Vol. 10, No. 19, 3678.

(55) Dwivedi, A., Madaan, J., *Chan, F.T.S. and Dalal, M. (2023), A comparison study of GA and PSO approach for cost optimization in Product Recovery System, *International Journal of Production research*, Vol. 61, Issue 4, Feb., pp. 1283-1297.

(56) Zhang, J.H., *Chan, F.T.S. and *Xu, X. (2023), Data-driven analysis on optimal purchasing decisions in combined procurement, *International Journal of Production research,* July, Vol. 61, No. 13, pp. 4265-4278.

(57) Ng, K.K.H., *Chan, F.T.S., Qin, Y. and Xu, G. (2023), The Impacts of longitudinal separation, efficiency loss and cruise speed adjustment in robust terminal traffic flow problem under uncertainty, *International Journal of Transportation Research*, Vol. 15, No. 6, pp. 584-607.

(58) Zhou, T., Zhang, L., Han, T., Droguett, E.L., Mosleh, A. and *Chan, F.T.S. (2023), An Uncertainty-Informed Framework for Trustworthy Fault Diagnosis in Safety-Critical Applications, *Reliability Engineering and System Safety*, January, Vol. 229, 108865.

(59) Irfan, I., Au, A.K.M., Khurshid, F. and *Chan, F.T.S. (2023), Learning by Supplying to Climb the Value Chain: Suppliers' Transition from B-to-B to B-to-C, *Supply Chain Management: An International Journal*, April, Vol. 28, N0. 4, pp. 641-665.

(60) Kehinde, T.O., *Chan, F.T.S. and Chung, S.H. (2023), Scientometric review and analysis of recent approaches to stock market forecasting: Two decades survey, *Expert Systems With Applications*, March, Vol. 213, Part C, 119299.

(61) Goswami, M., *Chan, F.T.S., Ramkumar, M., Daultani, Y., Pratap, S. and Chhabra, A. (2023), A joint modeling and exploratory framework for intra-firm collaboration within construction and mining equipment industry, *Industrial Management and Data Systems*, February, Vol. 123, No. 2, pp. 451-491.

(62) Orisaremi, K.K., *Chan, F.T.S., Chung, S.H. and Fu, X. (2023), Maximizing flare gas power generation for the design of an optimal energy mix, *Journal of Cleaner Production*, March, Vol. 391, 136164.

(63) Xu, X., Ji, P. and *Chan, F.T.S. (2023), Retailers' optimal ordering policies for a dual-sourcing procurement, *Industrial Management and Data Systems,* March, Vol. 123, No. 3, pp. 1052-1072.

(64) Zhang, Y., Zhang, D., *Zhang, X., Qiu, L., Chan, F.T.S., Wang, Z. and Zhang, S. (2023), Guided Probabilistic Reinforcement Learning for Sampling-Efficient

Maintenance Scheduling of Multi-Component System, *Applied Mathematical Modelling*, July, Vol. 119, pp. 677-697

(65) Eltoukhy, A.E.E., *Hussein, M., Xu, M. and *Chan, F.T.S. (2023), Data-driven Game-theoretic Model Based on Blockchain for Managing Resource Allocation and Vehicle Routing in Modular Integrated Construction, *International Journal of Production research*, July, Vol. 61, No. 13, pp. 4472-4502.

(66) *Chan, F.T.S. and Ding, K. (2023), Industrial Intelligence-driven Production and Operations Management, *International Journal of Production research*, July, Vol. 61, No. 13, pp. 4215–4219.

(67) Zhang, Q., *Chan, F.T.S., Chung, S.H. and Fu, X. (2023), Improved ant colony optimization for the operational aircraft maintenance routing problem with cruise speed control, *Journal of Advanced Transportation*, Vol. 2023, 18 pages.

(68) Luo, G., *Liu, X. and *Chan, F.T.S. (2023), Optimal ordering decisions in portfolio procurement considering the spot price fluctuation, *Sustainability*, 15, 11169.

(69) Zheng, K., *Ding, K., Hui, J., Zhang, F., Lv, J. and *Chan, F.T.S., Blockchain-based Credible Manufacturing Data Sharing for a Collaborative Manufacturing Supply Chain, *International Journal of Production research*. (In Press)

(70) Kumar, R.R., *Chan, F.T.S., Chakraborty, A. and Goswami, M., Driving Electric Mobility Considering Manufacturers' Power Asymmetry in Presence of the Government's policy Instruments, *IEEE Transactions on Engineering management*. (In Press)

(71) Ruan, J., Mao, J., Liu, T., Svyatoslav, S., Sun, Z., Wang, B., Shi, Y., Chan, F.T.S. and Zhu, Y., Knowledge Bases, Cooperation Networks and Influential Contributions of Channel Modeling for Terahertz Communications, *IEEE Communications Magazine*. (In Press)

(72) Guo, L., Duan, Z., Guo, W., *Ding, K., Lee, C.H. and *Chan, F.T.S., Machine vision-based recognition of elastic abrasive tool wear and the its influence on machining performance, *Journal of Intelligent Manufacturing*. (In press)

其他专业资格 / 奖项 / 活动

国际杂志主编/高级副主编/副主编：

（1）　《Transportation Management》主编

（2）　《OPSEARCH》 高级副主编

（3）　《International Journal of Modelling in Operations Management》副主编

（4）　《Modern Supply Chain Research and Applications》 副主编

（5）　《Operations and Supply Chain Management: An International Journal》副主编

国际杂志客座主编：

International Journal of Production Research; Mathematics; Journal of Manufacturing Technology Management; International Journal of Business Performance Management; International Journal of Intelligent Systems Technologies and Applications; International Journal of Computer Applications in Technology; International Journal of Value Chain Management; Mathematical Problems in Engineering; Proceedings of Institute of Mechanical Engineering- Part O: Journal of Risk and Reliability.

国际杂志成员：

International Journal of Production Research; Supply Chain Management: An International Journal; Journal of Intelligent Manufacturing; Journal of Manufacturing Technology Management; International Journal of Computer Integrated Manufacturing; Robotics and Computer Integrated Manufacturing; International Journal of Advanced Manufacturing Technology; International Journal of Business Performance Management; International Journal of Computer Applications in Technology; International Journal of Agile Systems and Management; International Journal of Services, Economics and Management; International Journal of Supply Chain and Operations Resilience; Advances in Industrial Engineering and Management.

国际会议主讲人/主席/成员：
- 陈东燊教授经常被邀请作为国际会议的主旨演讲，约 20 多次
- 他亦活跃于组织国际会议及接受重要角色包括会议主席；程序主席，约 16 多次
- 他亦作为其他国际会议的组织成员,约 60 多次

研究基金的评估小组成员：
(1) 香港-大学教育资助委员会-研究资助局-**工程委员会**（联合研究计划）成员（2018 年 3 月 1 日至今）
(2) 国家自然科学基金委员会、香港-大学教育资助委员会-研究资助局联合研究计划**评估小组成员** （2018 年 3 月 1 日至今）
(3) 香港-大学教育资助委员会-研究资助局-本地自资学位界别竞逐研究资助计划**评审委员会会员**（工程）（2017 年 3 月 14 日至今）
(4) 香港 ITF 企业家基金**评估小组成员**

其他专业资格

<u>排名前 2% 科学家</u>
根据斯坦福大学某研究小组关于最新科学家影响的汇编（排名前 2%），陈东燊教授分类为连续三年 (2020-2022)排名前 2%科学家。

<u>运筹学领域重大贡献</u>
根据斯坦福大学某研究小组关于最新科学家影响的汇编（2020 年）（排名前2%），该工作发表在以下网站：
https://journals.plos.org/plosbiology/article?id=10.1371/journal.pbio.3000918， 陈东燊教授在全球运筹学领域中的23，455 名科学家中排名第10，即全球Top0.04%。

此外，在斯坦福大学学着对Top2%科学家的最新一文：Baas, Jeroen; Boyack, Kevin; Ioannidis, John P.A. (2021), "August 2021 data-update for "Updated science-wide author databases of standardized citation indicators"", Mendeley Data, V3, (doi: 10.17632/btchxktzyw.3)中发现，陈东燊教授再次归入该领域，并**连续两年**（2020年和2021年）在全球26063 名研究人员中排名第10，即全球前0.04%。

<u>供应链管理研究领域的重大贡献</u>
根据2018 年《International Journal of Production Economics》中的文章：Babbar, S., Behara, R.S., Koufteros, X.A. and Wong, C.W.Y., "Charting leadership in

SCM research from Asia and Europe", International Journal of Production Economics (2018), doi:10.1016/j.ijpe.2018.07.005.

按照总出版分数陈东燊教授位列前25 位：
- 2001-2015 年，按出版分数排名亚洲前25 位供应链管理的作者，陈东燊教授排名第16 位；
- 2001-2015 年，按总中心度排名亚洲前25 位供应链管理的作者，陈东燊教授排名第5 位；
- 2001-2015 年，按Bonacich 中心排名亚洲前25 位供应链管理的作者，陈东燊教授排名第6 位。

***https://doi.org/10.1016/j.ijpe.2018.07.005

营运管理研究领域的重大贡献

根据2013 年《International Journal of Production Research》中的文章：Timothy D. Fry, Joan M. Donohue, Brooke A. Saladin and Guangzhi Shang, "The origins of research and patterns of authorship in the International Journal of Production Research"，陈东燊教授在1985-2010 年，按照文章排名的前100 名作者中位列 第2 位。此外，在2006-2010 年中，陈教授排名第1 位。这一分类结果有助于确定过去对《International Journal of Production Research》有重大影响的作者，以及有望在未来对《International Journal of Production Research》产生影响的作者。

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根据最新发表在《International Journal of Production Research》中的一项研究**，香港理工大学在全球研究贡献方面排名世界第12 位，亚洲第2 位。这项研究基于11 个世界顶尖的营运管理期刊上发表文章的数量，衡量了学术机构和个人在26 年（1985-2010）内对运营管理领域的研究贡献。根据在11 个指定期刊上发表论文的数量衡量，陈东燊教授在对该领域做出重大贡献的前50 位作者中排名第15 位。

此外，陈东燊教授过去的10 年（2001-2010）在运营管理领域中，在最具生产力的前100 名研究人员中排名第3 位。

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