

個人資料一

基本資料

中文姓名	英文姓名	
鮑永誠	Yeong-Cheng Liou (Pao)	

主要學歷

畢 / 肄業學校	國別	主修學門系所	學位	起訖年月
元智大學	中華民國	工業工程與管理研究所 OR 組	博士	1995/09 至 2000/06

現職及與專長相關之經歷

服務機關	服務部門 / 系所	職稱	起訖年月
現職：高雄醫學大學	醫務管理暨醫療資訊系	教授	2016/08 起 至今
經歷：正修科技大學	資訊管理系	教授兼系主任、所長	2012/08 起 2016/07

專長

1. Optimization & nonlinear (decision) analysis	2. Fixed point theory & cryptography	3. Content & knowledge management systems	4. Intelligent system & machine (statistical) learning
5. Supply chain & logistics management	6. Economic computing & finance engineering	7. Social network & big data analysis	8. Algorithms & software (system) engineering

國際期刊審查委員

1. 擔任 Thomson Reuters (ISI) 期刊 *Journal of Applied Mathematics*, Special Issue on Applications of Fixed Point and Approximate Algorithms from

- 2011-2012 之 Guest Editor, <http://www.hindawi.com/journals/jam/si/afp/>
2. 擔任 Thomson Reuters (ISI) 期刊 *Abstract and Applied Analysis*, Special Issue on Analytical and Algorithmic Approach to Nonlinear analysis and Optimization Problems with Applications from 2012-2013 之 Guest Editor, <http://www.hindawi.com/journals/aaa/si/170752/cfp/>
 3. 擔任期刊 *Journal of Advanced Mathematical Studies* 2013.01.01-now 之 Associate Editor Board, <http://journal.fairpartners.ro/index.php>
 4. 擔任期刊 *MDPI Journal of Axioms* 2021-2022 之 Leading Guest Editor, https://www.mdpi.com/journal/axioms/special_issues/nonlinear_and_convex_analysis
 5. 擔任國際期刊審查委員: some SCI journals like *Journal of Optimization Theory and Applications*, *Journal of Global Optimization*, *Journal of Mathematical Analysis and Applications*, *Applied Mathematics Letters*, *Journal of Industrial and Management Optimization*, *Computers and Mathematics with Applications*, *Journal of Convex and Nonlinear Analysis*, *Taiwanese Journal of Mathematics*, *Nonlinear Analysis Series A: Theory, Methods & Applications*, *Applied Mathematics and Computation*, *Inverse Problems*, *Abstract and Applied Analysis*, *Journal of Nonlinear Science and Applications*, *Journal of Inequalities and Applications*, etc.

國際期刊論文發表

(A) 期刊論文(Journal Paper: 2018-2021)

1. Y. Yao, J.C. Yao, Y.C. Liou* and M. Postolache. Iterative algorithms for split common fixed points of demicontractive operators without prior knowledge of operator norms, *Carpathian Journal of Mathematics* (2018), **34**(3), 459-466 (supported by **Kaohsiung Medical University Research Foundation (KMU-Q106005)** and **MOST 106-2923-E-039-001-MY3**; SCI, MATHEMATICSIF: **1.778**).
2. Y. Yao, Y.C. Liou and M. Postolache*. Self-adaptive algorithms for the split problem of the demicontractive operators, *Optimization-A Journal of Mathematical Programming and Operations Research* (2018), **67**, 1309-1319 (supported by **Kaohsiung Medical University Research Foundation (KMU-Q106005)** and **MOST 106-2923-E-039-001-MY3**; SCI, MATHEMATICS, APPLIED IF: **2.360**), [doi:10.1080/02331934.2017.1390747](https://doi.org/10.1080/02331934.2017.1390747).
3. Y. Yao, L. Leng, and Y.C. Liou*. Strong convergence of an iteration for the split common fixed points of demicontractive operators, *Journal of Nonlinear and Convex Analysis* (2018), **19**(2), 197-205 (supported by **MOST 106-2923-E-039-001-MY3**, **MOST 106-2218-E-040-001-MY2** and **KMU-Q107011**; SCI, MATHEMATICS IF: **1.075**).
4. J. Chen, X. Ju, Y.C. Liou* and C.F. Wen. Existence of solutions and well-posedness for bilevel vector equilibrium problems, *Journal of Nonlinear and Convex Analysis* **19**(12), 2203-2217, 2019 (supported by **MOST 106-2923-E-039-001-MY3**, **MOST 106-2218-E-040-001-MY2** and **KMU-Q107011**; SCI, MATHEMATICSIF: **1.075**).
5. M. Kamenskii, Y.C. Liou, C.F. Wen* and M. Zvereva. On a hyperbolic equation on a geometric graph with hysteresis type boundary conditions,

- Optimization-A Journal of Mathematical Programming and Operations Research* (2020), **69**(2), 283-304 (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-Q107011**; SCI, MATHEMATICS, APPLIED IF: **2.360**), doi: [10.1080/02331934.2018.1561694](https://doi.org/10.1080/02331934.2018.1561694).
6. Y. Wang, X.B. Li* and Y.C. Liou. Set convergence of non-convex vector optimization problem with variable ordering structure, *Optimization-A Journal of Mathematical Programming and Operations Research* (2020), **69**(2), 329-334 (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-Q107011**; SCI, MATHEMATICS IF: **2.360**),doi:[10.1080/02331934.2018.1561696](https://doi.org/10.1080/02331934.2018.1561696).
 7. J. Chen, X. Ju, E. Kobis* and Y.C. Liou. Tikhonov type regularization methods for inverse mixed variational inequalities, *Optimization-A Journal of Mathematical Programming and Operations Research* (2020), **69**(2), 401-413 (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-M108002**; SCI, MATHEMATICS IF: **2.360**),doi:[10.1080/02331934.2019.1607339](https://doi.org/10.1080/02331934.2019.1607339).
 8. C. Li, Z. Jia, and Y.C. Liou*. A class of nonlinear fuzzy variational inequality problems, *MDPI-Mathematics* (2019), **7**(1), 54, 13 pages (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-M108002**; SCI, MATHEMATICS IF: **2.258**),doi: [10.3390/math7010054](https://doi.org/10.3390/math7010054).
 9. Y. Yu, Y.C. Liou*, Z. Yao, L.J. Zhu. Projection algorithms for a general system of variational inequality and fixed point problems, *Journal of Nonlinear and Convex Analysis* (2019), **19**(11), 1971-1981 (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-M108002**; SCI, MATHEMATICS IF: **1.075**).
 10. K. Wang, Y. Yao, X. Qin and Y.C. Liou*. Solving variational inequalities over the zero points of maximal monotone operators, *Journal of Nonlinear and Convex Analysis* (2019), **20**(3), 411-419 (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-M108002**; SCI, MATHEMATICS IF: **1.075**).
 11. Y. Qu, W. Tong, H. He* and Y.C. Liou*. On projected alternating BB methods for variational inequalities, *Optimization-A Journal of Mathematical Programming and Operations Research* (2020), **70**(4), 827-846 (supported by **MOST 106-2923-E-039-001-MY3, MOST 108-2410-H-037-020 and KMU-M108002**; SCI, MATHEMATICS IF: **2.360**), <https://doi.org/10.1080/02331934.2020.1721495>.
 12. M. Afanasova, Y.C. Liou*, V. Obukhovskii, and G. Petrosyan. On controllability for a system governed by a fractional-order semi-linear functional differential inclusion in a Banach space, *Journal of Nonlinear and Convex Analysis* (2019), **20**(9), 1919-1935 (supported by **MOST 106-2923-E-039-001-MY3, MOST 108-2410-H-037-020 and KMU-M108002**; SCI, MATHEMATICS IF: **1.075**).
 13. S.H. Chen, Y.C. Liou, Y.H. Chen* and K.C. Wang. Order acceptance and scheduling problem with carbon emission reduction and electricity tariffs on a single machine, *MDPI-Sustainability* (2019), **11**(19), 5432, 16 pages (supported by **MOST 106-2923-E-039-001-MY3, MOST 106-2218-E-040-001-MY2 and KMU-Q107011**; SCI/SSCI, Environmental Science (Miscellaneous) IF: **3.251**),doi:[10.3390/su11195432](https://doi.org/10.3390/su11195432).
 14. S.Q. Weng, D.P. Wu, Y.C. Liou* and F. Song. Convergence of modified proximal point algorithm in CAT(0) spaces, *Journal of Nonlinear and Convex Analysis* (2020), **21**(10), 2287-2298 (supported by **MOST 106-2923-E-039-001-MY3, MOST 109-2410-H-037-010 and KMU-M108002**; SCI, MATHEMATICS

IF: 1.075).

15. C. Li, Z. Jia and Y.C. Liou*. A new way of solving uncertain linear variational inequality problems, *Journal of Nonlinear and Convex Analysis* (2020), **21**(2), 355-368 (supported by **MOST 106-2923-E-039-001-MY3**, **MOST 108-2410-H-037-020** and **KMU-M108002**; SCI, MATHEMATICS IF: 1.075).
16. K. Wang, Y. Yao* and Y.C. Liou. Subgradient algorithms for Ky Fan inequalities and fixed point problems, *Journal of Nonlinear and Convex Analysis* (2020), **21**(4), 771-779 (supported by **MOST106-2923-E-039-001-MY3**, **MOST 108-2410-H-037-020** and **KMU-M108002**; SCI, MATHEMATICS IF: 1.075).
17. Y. Yao, X.W. Qin, and Y.C. Liou*. Constructive approximation of solutions to fixed point and quasi-variational inclusions problems, *Journal of Nonlinear and Convex Analysis* (2019), **20**(12), 2569-2578 (supported by **MOST 106-2923-E-039-001-MY3**, **MOST 108-2410-H-037-020** and **KMU-M108002**; SCI, MATHEMATICS IF: 1.075).
18. Z. Yao, Y.C. Liou*, and L.J. Zhu. Extragradient methods with CQ technique for fixed point problems and equilibrium problems, *Filomat* (2020), **34**(14), 4783-4793 (supported by **MOST 109-2410-H-037-010** and **KMU-M108002**; SCI, MATHEMATICS IF: 0.844), [doi:10.2298/FIL2014783Y](https://doi.org/10.2298/FIL2014783Y).
19. Y. Yu and Y.C. Liou*. Iterative computation with inertial items for the split variational inclusion, *Journal of Nonlinear and Convex Analysis* (2021), **22**(1), 107-118 (supported by **MOST106-2923-E-039-001-MY3**, **MOST 108-2410-H-037-020**; SCI, MATHEMATICS IF: 1.075).
20. X. Ou, Y.B. Lv*, Y.C. Liou, T. Zhang and J.W. Chen*. Robust optimality conditions for multi-criteria optimization problems with uncertain data, *Journal of Nonlinear and Convex Analysis* (2021), **22**(8), 1455-1463 (supported by **MOST 109-2410-H-037-010-MY3**, **MOST 110-2410-H-037-001**; SCI, MATHEMATICS IF: 1.075).
21. Y. Yu* and Y.C. Liou. Subgradient and hybrid algorithms for equilibrium problems and fixed point problems, *The U.P.B. Scientific Bulletin, Ser. A Applied Mathematics and Physics of University POLITEHNICA of Bucharest* (2021), **83**(2), 3-12 (supported by **MOST106-2923-E-039-001-MY3**, **MOST 109-2410-H-037-010**; SCI, MATHEMATICS IF: 0.903).
22. Z. Zhu and Y.C. Liou*. Strong convergence on aggregate constraint shifting homotopy method for solving general nonconvex programming, *Journal of Mathematics* (2020), Article ID 8887029, 7 pages (supported by **MOST106-2923-E-039-001-MY3**, **MOST 109-2410-H-037-010**; SCI, MATHEMATICS IF: 0.971), <https://doi.org/10.1155/2020/8887029>.
23. Y. Yu and Y.C. Liou*. Subgradient algorithms for solving monotone equilibrium problems and variational inclusion problems, *Journal of Nonlinear and Convex Analysis* (2021), 10 pages (supported by **MOST 109-2410-H-037-010**; SCI, MATHEMATICS IF: 1.075), **accepted**.
24. M. Wang, X. Li*, B. Yao, and Y.C. Liou. Global robust error bound of convex inequality systems under data uncertainty, *Journal of Nonlinear and Convex Analysis* (2021), **22**(8), 1555-1567 (supported by **MOST 109-2410-H-037-010**; SCI, MATHEMATICS IF: 1.075).
25. L.J. Zhu and Y.C. Liou*. A Tseng-Type algorithm with self-adaptive techniques for solving the split problem of fixed points and pseudomonotone variational inequalities in Hilbert spaces, *MDPI-Axioms* (2021), 17 pages (supported by **MOST 109-2410-H-037-010**; SCI, MATHEMATICS IF: 2.11), <https://doi.org/10.3390/axioms1010000>.
26. D. Fang, T. Yang and Y.C. Liou*. Strong and total Lagrange dualities for

quasiconvex programming, *Journal of Nonlinear and Variational Analysis* (2021), 15 pages, Sep. 2021 (supported by **MOST 110-2410-H-037-001**; SCIE, MATHEMATICS IF: 1.77), **accepted**.