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教學科目：分析化學（BP12203/ BPAZ0012）；分析化學實驗（BP12204）；基礎化學實驗（BP12103）；ME1012 中藥藥代動力學；ME1002 儀器分析；DCMSZ02 中藥專題導讀；藥物分析

研究方向：化學計量學在分析化學中的應用；基於現代分析技術的中藥成分分析及質量控制；核苷酸及脫氧核苷酸代與DNA修復

簡介：張偉博士，2008年獲得中國科大學哲學博士學位。2008-2012于美國耶魯大學藥理係從事博士後研究工作。2012年8月受聘于澳門科技大藥物與健康應用研究所任助理教授。2017年8月升職為副教授。張偉博士一直從事中藥質量控制及復方中藥劑研究，將化學計量學理論应用于中藥分析過程，形成簡單、成熟、可控的中藥質量控制模式，具有較強的實用性。博士後研究期間，參與中藥復方PHY906降低化療藥物胃腸道毒副作用的作用机理研究，发表于Science Translational Medicine，多家世界知名期刊和机构对此研究成果给予了高度肯定。此外張偉博士還系統研究了DNA損傷及修復過程中核糖核酸及去氧核糖核酸的變化，及在癌細胞與正常細胞之歧異性，進而以此為基礎並結合化學計量學手段尋找了新的抗癌分子標記物。以核苷酸及去氧核苷酸的平衡為指標，尋找到具有明顯協同作用的中藥有效成份。張偉副教授近五年來主持了澳門科學技術發展基金重大研究項目、澳門科學技術發展基金-國家基金委聯合資助項目等課題，在SCI收錄刊物上發表近50篇學術論文，擁有澳大利亞創新專利6項。

學歷：

2003年7月-2008年7月 中国科技大学 物分析专业硕博连读攻读博士学位

1996年7月-2000年7月 中国科技大学 学士学位

工作經歷：

2017年8月-至今 澳門科技大學 副教授

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學術成果

部分發表的SCI期刊論文：(*Corresponding author)

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[2] Q.Q. Zhang, W.Q. Huang, Y.Q. Gao, Z.D. Han, **W. Zhang**, Z.J. Zhang, F.G. Xu, Metabolomics Reveals the Efficacy of Caspase Inhibition for Saikosaponin D-Induced Hepatotoxicity, *Front Pharmacol*, 9 (2018) 732.

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學術書籍

Wing Lam , Scott Bussom , Zaoli Jiang , Wei Zhang , Fulan Guan , Shwu-Huey Liu , and Yung-Chi Cheng , “Inflammation, Oxidative Stress and Cancer: Dietary Approaches for Cancer Prevention” CRC press, INC., (ISBN 9781466503700),

Chapter Number 29, " PHY906, a cancer adjuvant therapy, differentially affects inflammation of different tissues"

學術機構及社會任職

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Biotechnology Advances (2014) ; Journal of Separation Science (2016) ; Current
Pharmaceutical Analysis (2016) ; ; Phytomedicine (2017) ; Analytical Chemistry
(2017) ; Frontiers in Pharmacology (2016-2018)

學術獎勵

2014 年度澳門科技大學中銀學術研究優秀獎