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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謝與DNA修復

**簡介：**張偉博士， 2008年獲得中國葯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。張偉博士一直从事中药质量控制及复方药剂研究，将化学计量学理论应用于中药分析過程，形成简单、成熟、可控的中药质量控制模式，具有较强的实用性。博士后研究期间，参与中药复方PHY906 降低化疗药物胃肠道毒副反应的作用机理研究，发表于Science TranslationalMedicine, 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。张伟副教授近五年来主持了澳门科学技术发展基金重大研究项目、澳门科学技术发展基金-国家基金委联合资助项目等课题，在SCI 收录刊物上发表近50 篇学术论文，拥有澳大利亚创新专利6项。

**學歷：**

2003年7月-2008年7月 中国药科大学药物分析专业硕博连读攻读博士学位

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**學術成果**

部分發表的SCI期刊論文：(**\*** Corresponding author )

1. X. Wu, Y.L. Chen, Z Xing, C.W.K. Lam, S.S. Pang, **W. Zhang\***, Z.C. Ju\*, Advanced Carbon‐Based Anodes for Potassium‐Ion Batteries, Advanced Energy Materials[, 1900343 (2019)  DOI: 10.1002/aenm.201900343](https://pubs.acs.org/action/showCitFormats?doi=10.1021%2Facs.analchem.8b04281)
2. Z. Li, H.X. Zhang, Y Li, C.W.K. Lam, C.Y. Wang, W.J. Zhang, V.K.W. Wong, S.S Pang, M.C. Yao\*, **W. Zhang\***,Method for Quantification of Ribonucleotides and Deoxyribonucleotides in Human Cells Using (Trimethylsilyl)diazomethane Derivatization Followed by Liquid Chromatography−Tandem Mass Spectrometry,  [Analytical Chemistry., 91(2019)  1019-1026](https://pubs.acs.org/action/showCitFormats?doi=10.1021%2Facs.analchem.8b04281)
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4. X. Ling, Y. Xiang, F. Chen, Q. Tang, W. Zhang\*, X. Tan\*, Intestinal absorption differences of major bioactive compounds of Gegenqinlian Decoction between normal and bacterial diarrheal mini-pigs in vitro and in situ, J Chromatogr B Analyt Technol Biomed Life Sci, 1083 (2018) 93-101.
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**學術書籍**

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