



— 优秀师资 —



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职位：

教授

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博士 (西澳大利亚大学)

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个人简介：

梁永波教授在1979年获得英国肯特大学理学学士学位，1980年获得英国萨塞克斯大学有机金属化学专业理科硕士学位，1984年于西澳大利亚大学获得博士学位。此后，梁教授在英国萨塞克斯大学做博士后研究，1990年加入了香港中文大学。2001至2006年梁教授担任应用化学与管理专业的系主任。1997至2015年在香港中文大学化学系担任教授。梁教授现在在化学系中担任客座教授。梁教授是英国皇家化学学会的院士。他也是一位特许的化学家和科学家。梁教授是Main Group Chemistry周刊的区域主编。他更是几家国际周刊的审稿人，其中包括Organometallics, Inorganic Chemistry, European Journal of Inorganic Chemistry 和 J.C.S. Dalton Trans. 梁教授的研究主要集中在有机金属化合物的合成、结构和机理研究，G14金属碳烯类似物反应性的研究，和有机锆和镧系元素化合物的合成和催化反应的研究。

学术著作：

1. W.-P. Leung*, Y.-C. Chan and C.-W. So, Organometallics, 2015, 2015, "Chemistry of Heavier Group 14 Base-Stabilized Heterovinylidenes" .
2. W.-P. Leung*, Wang-Kin Chiu and T. C. W. Mak, Organometallics, 2014, 33, 225-230. "Reactivity of Pyridyl-1-azallyl Germanium (I) Dimer: Synthesis of a Digermahydrazine Derivative and an Iron-coordinated germanium (I) Dimer" .

3. W.-P. Leung*, Yuk-Chi Chan and T. C. W. Mak, Dalton Trans., 2014, 43(1), 63-66. "Synthesis and Characterization of an Octanuclear Copper (I) Methanediide Cluster" .
4. W.-P. Leung*, Wang-Kin Chiu and T. C. W. Mak, Inorganic Chemistry, 2013, 52 (16), 9479- 9486. "Synthesis and Structural Characterization of Base-Stabilized Oligomeric Heterovinylidenes" .
5. W.-P. Leung*, Yuk-Chi Chan and T. C. W. Mak, Organometallics, 2013, 32, 2584-2592. "Synthesis and Structural Characterisation of Lithium, Potassium, Magnesium, and Heavier group 14 Metal Complexes derived from 2-quinolyl-linked (Thiophosphorano) methane" .
6. W.-P. Leung*, Kwok-Wai Kan, Yuk-Chi Chan and T. C. W. Mak, Inorganic Chemistry, 2013, 52, 4571-4577. "Synthesis of Hetero-Binuclear Complexes from Bisgermavinylidene" .
7. W.-P. Leung*, Wang-Kin Chiu and T. C. W. Mak, Organometallics, 2012, 31, 6966 - 6971. "Synthesis and Structural Characterisation of Metallogermynes, Cp-Substituted Germylene, and a Germanium (II-Borane Adduct from Pyridyl-1-Azazallyl Germanium (II) Chloride" .
8. W.-P. Leung*, Yuk-Chi Chan and T. C. W. Mak, Inorganic Chemistry, 2011, 50 (21), 10517. "Synthesis and Structural Characterization of a Tin Analogue of Allene" .
9. W.-P. Leung*, Z.-X. Wang, H.-W. Li, and T. C.W. Mak Angew. Chem. Int. Ed. Engl. 2001, 40, 2501; Angew. Chem. 113, 2501. "Bis (germavinylidene) [(Me₃SiN=PPh₂)₂C=Ge→Ge=C(Ph₂P=NSiMe₃)] and 1,3-dimetallacyclobutanes [M{μ₂-C(Ph₂P=NSiMe₃)₂}₂ (M = Sn, Pb)" .
10. W.-P. Leung,* Z.-X. Wang, H.-W. Li, and T. C.W. Mak, J. Am. Chem. Soc., 2001, 123, 8123. "Synthesis and structures of novel low-valent Group 14 1,3-dimetallacyclobutanes and a mixed-metal 1,3-stanna-plumbacyclobutane" .
11. W.-P. Leung,* C.-W. So, J.-Z. Wang and T. C.W. Mak, J. Chem. Soc., Chem. Commun., 2003, 248. "A novel synthesis of metallogermacyclopropane and molybdenum bis (iminophosphorano) carbene complexes from bisgermavinylidene" .

书刊章节

1. Encyclopedia of Inorganic Chemistry, Chapter on "Alkali Metals" , published by VCH, 2006.
2. W.P. Leung, Q.W.Y. Ip, "Alkali Metals: Inorganic Chemistry" in Encyclopedia of Inorganic Chemistry, ed R. H. Crabtree, John Wiley: Chichester. DOI: 10.1002/0470862106.ia003. Published 15 March 2006.
3. W.P. Leung, Y.C. Chan "Alkali Metals: Inorganic Chemistry" in Encyclopedia of Inorganic Chemistry, ed R. H. Crabtree, John Wiley: Chichester. Published 2014.

专利

1. Co-inventor German Patent 1-96-16-523-7, 1997. "Polymerisationkatalysatoren mit Beta-Diketiminatliganden" .
 2. Co-inventor of European Patent EP-0-803-520-B1, 16 Dec., 1998. "Polymerisationkatalysatoren mit Beta-Diketiminat-Liganden".
 3. Co-inventor of United States Patent No.6,034,258, 7 March, 2000. "Polymerization Catalysts Containing Beta-Diketimate Ligands".
- Co-inventor Japanese Patent 97/106939, 2000 "Polymerization Catalysts Containing Beta-Diketimate Ligands".

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