

參考文獻

1. PoPe, M., Kallmann, H., Magnante, p., *J. Chem. Phys.*, **1963**, 38, 2042.
2. Tang, C. W., Vanslyke, S . A., *Appl. Phys. Lett*, **1987**, 51, 913.
3. Burroughes, J. H., Bradley, D. D. C., Brown, A. R., Mackay, K., Friend, R.H., Burn, P. L., Holmes, A.B., *Nature*, **1990**, 347, 539.
4. 黃孝文 陳 雲 化工資訊月刊 , **2001**, 15(3), 8-15
5. 余良杰, *Chem. (The Chinese Chem. Soc., Taiwan China)*, **1989**,47, 250.
6. Richardson, T.H., *Functional Organic and Polymeric Materials*, Copyright **2000** John Wiley & Sons Ltd.
7. 莊坤儒, *工業材料* 147 期・民國 **88** 年 3 月, 138.
8. Adachi, C., Tsutsui, T., Saito, S., *Appl.Phys.Lett.*, **1989**, 55, 1489.
9. Hamada, Y., Adachi, C., Tsutsui, T., Saito, S., *Optoelectronics* , **1992**, 7, 83.
10. 莊昆儒, *工業材料*, **1999**, 3 月.
11. Kraft, A.; Grimsdale, A.C.; Holmes, A.B., *Angew.Chem.,Int.Ed.* **1998**, 37, 402
12. W. Mazurek; B. J. Kennedy, *Inorg. Chem.* **1985**, 24, 3258.
13. B. Nock; H. J. Pietzsch, *Inorg. Chim. Acta* **2002**, 26.
14. H. C. Lin, Y. S. Lin, Y. T. Chen, I. Chao, W. T. Li, *Macromolecules*, **1998**, 31, 7298 .
15. H. C. Lin, H. Y. Sheu, C. L. Chang, C. T. Tsai, *J. Mater. Chem*, 2001,

11, 2958 °

16. T. Kato, J. J. M. Frechet, *J. Am. Chem. Soc.*, **1989**, 11, 8533.
17. T. Kato, J. J. M. Frechet, *Macromolecules*, **1989**, 22, 3818.
18. M. J. Brienne, J. Galard, J. M. Lehn, and J. Stibor, *J. Chem. Soc. Chem. Commun.*, **1989**, 1868.
19. T. Kato, H. Adachi, A. Fujishima, and J. M. J. Frechet, *Chem. Lett.*, **1992**, 265.
20. F. A. Brandys, and C. G. BaZuin, *Chem. Mater.*, **1996**, 8, 83
21. H. C. Lin, J. M. Shiao, R. C. Liu, C. Tasi, H. H. Tso, *Liquid Crystals*, **1998**, 25, 277 °
22. K. Willis, D. J. Price, H. Adams, G. Ungar, D. W. Bruce, *J. Mater. Chem.*, **1995**, 5, 2195 °
23. H. C. Lin, *CHEMISTRY (THE CHINESE CHEM. SOC., TAIPEI)* Mar., **1998** Vol. 56, No.1, 37.
24. T. Kato, *Struct. Bond.*, **2000**, 96, 95.
25. Q. C. Fouter, J. M. Lehn, A. M. Levelut, *Adv. Mater.*, **1990**, 2, 254.
26. M. Kotera, J. M. Lehn, J. P. Vigneron, *J. Chem. Soc., Chem. Commun.*, **1994**, 197.
27. D. Stewart, C. T. Imrie, *J. Mater. Chem.*, **1995**, 5, 223.
28. X. L. Piao, J. S., Kim, Yun, Y. K., Jin, J. I., *Macromolecules*, **1997**, 30, 2294.
29. H., Kihara., T., Kato, T., Uryu, J. M., Frechet, J. *Chem. Mater.*, **1996**, 8, 961.
30. R. E., Gill, A., Hilberer, G., Hadziioannou, *Synth. Met.*, **1997**, 84, 637.

31. Gill, R. E., Meetsma, A., Hadziioannou, G., *Adv. Mater.*, **1996**, 8, 212.
32. Gill, R. E., van Hutten, P. F., Hadziioannou, G., *Chem. Mater.*, **1996**, 8, 1341.
33. Brouwer, H. J., Krasnikov, V. V., Hadziioannou, G., *Chem. Phys.*, **1998**, 227, 65.
34. Barashkov, N. N., Guerrero, D. J., Ferraris, J. P., *Synth. Met.*, **1995**, 75, 153.
35. Gebhardt, V., Bacher, A., Thelakkat, M., Harrer, D., *Synth. Met.*, **1997**, 90, 123.
36. Kato, T., Uryu, T., *Liq. Cryst.*, **1993**, 14, 1311.
37. Lin, H. C., Ko, C. W., *Liq. Cryst.*, **1999**, 26, 613.
38. Lin, H. C., Lin, Y. S., *Liq. Cryst.*, **1998**, 24, 315.
39. Lin, H. C., Shiao, J. M., Liu, R. C., *Liq. Cryst.*, **1998**, 25, 277.
40. Lin, H. C., Shiao, J. M., Wu, C. Y., *Liq. Cryst.*, **2000**, 27, 1103
41. 黃冠豪, 含三個共軛環及五個共軛環光電分子材料之研究, 民國
89 年.
42. Stefan Becker, Christophe Ego, Andrew C. Grimsdale, *Synth. Met.*, **2002**, 125, 73
43. Panagiotis K. Tzolakis and Joannis K. Kallitsis, *Chem. Eur.*, **2003**, 9, 936
44. Yanhou Geng, Anita Trajkovska, Jane J Ou., Sean W. Culligan, and Shaw H Chen, *J. Am. Chem. Soc.*, **2002**, 124, 8337
45. (a) Carbri, W., Candiani, I., *Acc. Chem. Res.*, **1995**, 28, 2. (b) Heck, R. F., *Palladium Reagents in Organic Syntheses*, **1998**.

46. 方俊明, 何子樂, 周大紓, 陸天堯, 郭悅雄, 蔡蘊明; *有機合成, 藝軒圖書出版社, 民國八十四年。*
47. C. C. Chang, K. J. Chen, L. J. Yu, *J. Org. Chem.*, **1999**, 64, 5603
48. K. Sonogashira, Y. Tohda, N. Hagihara, *Tet. Lett.*, **1975**, 4467。
49. C. Jonathan, G. Nick, W. Stuart, W. Peter, *Organic Chemistry*, **2001**, 1330。

