

參考文獻

1. R. A. Lessard, R. Changkakoti and G. Manivannan, “Processes in Photoreactive Polymers”, ed. by V. V. Krongauz, A. D. Trifunac, Chapman & Hall, New York, 307-367(1994)
2. G. J. Steckman, I. Solomatine, G. Zhou and D. Psaltis, “Characterization of phenanthrenequinone-doped poly(methyl methacrylate) for holographic memory”, Optics Letters, Vol. **23**, 1310-1312, 1998.
3. Lin SH, Hsu KY, Chen WZ, Whang WT, “Phenanthrenequinone-doped poly(methyl methacrylate) photopolymer bulk for volume holographic data storage”, Optics Letters, **25**, 451-453(2000)
4. Y. N. Hsiao, W. T. Whang, S. H. Lin, “Analyses on physical mechanism of holographic recording in phenanthrenequinone-doped poly(methyl methacrylate) hybrid materials” Opt. Eng. 43 (2004) .
5. D. Psaltis and G. W. Burr, “Holographic Data Storage”, Computer, 52-60, (1998).
6. R. A. Lessard and G. Manivannan, “Holographic Redording Materials: An Overview”, Proc. SPIE, Vol. **2405**, pp.2-23, 1995.
7. Weiss V, Friesem AA, Krongauz VA, “Organic materials for real-time holographic recording ”, Journal of Imaging Science and Techonology, **41**,371-382(1997).
8. Selected papers on Potopolymers: physics, chemistry, and applications, Roger A. Lessard and G. Manivannan, ed., SPIE Milestone Series, Vol. MS **114**, SPIE, Bellingham, Wash., (1995).
9. Pham VP, Manivannan G, Lessard RA, PO R, “Real-time dynamic polarization holographic recording on auto-erasable azo-dye doped PMMA storage media ”Optical Materials,**4**,467-475(1995).
10. P. S. Ramanujam, S. Hvilsted and F. Andruzzi, “Novel biphotonic holographic storage in a side-chain liquid crystalline polyester”, Applied Physics Letters, Vol. **62**(10), 1041-1043, (1993).
11. Horbert Hampp, Dieter Oesterhelt, “Bacteriorhodopsin wildtype and variant aspirate-96-asparagine as reversible holographic media” ,Biophysical Journal, **58**, 83-93(1990)
12. Z. Chen, A. Lewis, H. Takei and I. Nebenzahl, “Bacteriorhodopsin oriented in polyvinyl alcohol films as an erasable optical storage medium”, Applied Optics, Vol. **30**(35), pp.5188-5196, (1991).
13. AO R, Kummerl L, Haarer D, ”Present limits of data-storage using dye molecules in solid matrices ” ,Advanced Materials, **7**(5),495-499(1995).

14. M. A. Iannone, K. L. Salt, G. W. Scott and Tomihiro Yamashita, "Photochemical hole burning in rigidly coupled polyacenes", Proc. SPIE, Vol. **1559**, 172-183.
15. G. S. He, C. J. Wung, G. C. Xu and Paras N. Prasad, "Two-dimensional optical grating produced on a poly-p-phenylene vinylene/V₂O₅-gel film by ultrashort pulsed laser radiation", Applied Optics, Vol. **30**(27), 3810-3817,(1991).
16. G. Moad and D. H. Solomon, "Comprehensive polymer science: The synthesis, characterization, reactions & Applications of polymers ", 4 ,97-100(1989).
17. G. Pfundt and G. O. Scenck, "1,4-cycloaddition Reactions" , ed by J. Hamer, academic, New York & London,345-377(1967).
18. Helferich, B., and von Gross, E.Chem.Ber.,**85**,531(1952).
19. F. H. Mok, "angle-multiplexed storage of 5000 holograms in lithium niobate", Opt.Letts.,**18**,915-917(1993).
20. P. Gunter, J. P. Huignard Ed., "photorefractive materials and their application I ", Springer Verlag **61**, Berlin ,(1988).
21. B. L. Booth, "Photopolymer material for holography ", Appl. Opt. , **14**,593-601(1975)
22. C. P. Yang, S. H. Lin, M. L. Hsieh, K. Y. Hsu and T.C. Hsieh, "A holographic memory for digital data storage" Int'l J. of High Speed Electronics & Systems,**8**(4),749-765(1997).
23. P. Hariharan, "Optical Holography: Principle, techniques, and application" , Cambridge , New York,45-68 (1996).
24. G. W. Burr, "Doctoral Dissertation: Volume Holographic Storage Using the 90° Geometry", California Institute of Technology, Pasadena, Calif., (1996).
25. M. Kopietz, J. Marotz, H.Franke, E. Kratzing ,M. D. Lechner, D. G. Steinmeier, Polym.Photochem,**5**,109-119 (1984)
26. G. W. Burr et al., "Modulation Coding for Pixel Matched Holographic Storage", Optics Letters, pp.639-641, (1997).
27. M.Kopietz, J. Marotz, H. Franke, E.Katzig,M.D. Lachner, D. G. Steinmeier, Polym. Photochem, **5**,109-119(1984).