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Optofluidics integrates microfluidics or fluidic environments with photonics, and therefore, takes advantage of these two complementary technologies to achieve unprecedented capability in biochemical analysis, sample handling and manipulation, and flow control. In this chapter, we discuss the concept and various applications of optofluidics.

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Optofluidics: Fundamentals, Devices, and Applications (McGraw-Hill Biophotonics) Yang, Changhuei, Psaltis, Demetri, Lee, Luke, Fainman, Yeshaiahu Published by McGraw-Hill Professional (2009)

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Sindy K.Y. Tang, George M. Whitesides, "Optical Components Based on Dynamic Liquid-liquid Interfaces", Book chapter in "Optofluidics: Fundamentals, Devices, and Applications", McGraw-Hill 2009. [link](#)

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CHAPTER Optical Components Based On Dynamic Liquid-Liquid ...

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