

# Introduction To Fluorescence Sensing

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Introduction. 1 Basic principles. 2 Theoretical aspects. 3 Fluorescence detection techniques. 4 Design and properties of fluorescence reporters. 5 Recognition units. 6 Mechanisms of signal transduction. 7 Supramolecular structures and interfaces for sensing. 8 Non-conventional generation and transformation of response. 9 The sensing devices. 10 Focusing on targets. 11 Sensing inside the living cells and tissues. 12 Opening new horizons. Epilogue. Appendix: Glossary of terms used in fluorescence sensing. Index. EAN/ISBN : 9781402090035 Publisher(s): Springer Netherlands Discussed keywords: Fluoreszenzspektroskopie Format: ePub/PDF Author(s): Demchenko, Alexander P.

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