

生醫與化學感測器技術產學聯盟

Biomedical and chemical sensor technology industry-academic consortium

台灣化學感測器科技協會-聯盟學界會員資料

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| 實驗室重要儀器設備 |  | |
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| 研究興趣分類 | |  |  |  | | --- | --- | --- | | 請勾選 | 分類 |  | |  | **1** | Electrochemical/Electrical biosensors | |  | 1.1 | Amperometry | |  | 1.2 | Potentiometry | |  | 1.3 | Impedance & conductivity | |  | 1.4 | Field effect transistors | |  | 1.5 | Scanning electrochemical microscopy | |  | **2** | Optical biosensors | |  | 2.1 | Chemiluminescence | |  | 2.2 | Colorimetry | |  | 2.3 | Electrochemiluminescence | |  | 2.4 | Fluorescence | |  | 2.5 | Interferometry | |  | 2.6 | Photodynamic therapy | |  | 2.7 | Surface-enhanced raman scattering | |  | 2.8 | Surface plasmon resonance | |  | 2.9 | Light addressable potentiometry | |  | 2.10 | Light-scattering spectroscopy | |  | 2.11 | Near infrared spectroscopy | |  | **3** | Piezoelectric biosensors | |  | 3.1 | Piezoelectric devices | |  | 3.2 | Quartz crystal microbalance | |  | 3.3 | Surface acoustic wave | |  | **4** | Thermometric biosensors | |  | **5** | Magnetic biosensors | |  | **6** | Targets/samples/materials | |  | 6.1 | Oxygen (BOD, COD) | |  | 6.2 | pH and ions | |  | 6.3 | Glucose and carbonhydrates | |  | 6.4 | Nucleic acid (DNA, RNA, aptamers) | |  | 6.5 | Amino acid and protein | |  | 6.6 | Lipid | |  | 6.7 | Enzyme | |  | 6.8 | Whole cells or tissue | |  | 6.9 | Molecular imprinting | |  | 6.10 | Other ( ) | | |
| 個資同意 | 是，本人同意此資料供作台灣化學感測器科技協會使用  是，本人同意此資料供作生醫與化學感測器技術產學聯盟計畫使用 | |