

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 |  |
| 辦公室電話與手機 |  |
| 研究興趣分類 |

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| 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 ( ) |

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| 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 |