**Supplementary Table 1.** Ten most popular terms, along with their frequency

|  |  |  |
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| **Keyword** | **Frequency** | **Total link strength** |
| Electrochemical biosensor | 2472 | 18072 |
| Biosensor | 1084 | 8352 |
| Sensor | 909 | 7328 |
| Nanoparticles | 787 | 6520 |
| Gold nanoparticles | 651 | 5754 |
| DNA | 535 | 4041 |
| Electrode | 520 | 4138 |
| Immobilization | 422 | 3608 |
| Graphene | 391 | 3276 |
| Biosensors | 374 | 2879 |