**Table 5****. Interdisciplinary Citation of Disciplines Ranking Top50 in 2023**

| **Rank** | **Source Discipline** | **Cited Discipline** | **Number of Citations** |
| --- | --- | --- | --- |
| 1 | Biology | Medicine | 392400 |
| 2 | Medicine | Biology | 146779 |
| 3 | Chemistry | Medicine | 41245 |
| 4 | Medicine | Psychology | 29273 |
| 5 | Chemistry | Biology | 22260 |
| 6 | Engineering and Technology | Medicine | 21938 |
| 7 | Biology | Chemistry | 19900 |
| 8 | Biology | Engineering and Technology | 14824 |
| 9 | Medicine | Agroforestry Sciences | 14405 |
| 10 | Biology | Agroforestry Sciences | 13757 |
| 11 | Medicine | Engineering and Technology | 12204 |
| 12 | Biology | Computer Science | 11416 |
| 13 | Medicine | Chemistry | 9335 |
| 14 | Engineering and Technology | Biology | 8458 |
| 15 | Materials Science | Medicine | 7201 |
| 16 | Medicine | Computer Science | 6765 |
| 17 | Computer Science | Biology | 6056 |
| 18 | Biology | Psychology | 5488 |
| 19 | Chemistry | Agroforestry Sciences | 5463 |
| 20 | Psychology | Medicine | 5442 |
| 21 | Computer Science | Medicine | 5318 |
| 22 | Medicine | Environment Science and Ecology | 5174 |
| 23 | Biology | Environment Science and Ecology | 4514 |
| 24 | Materials Science | Biology | 4501 |
| 25 | Biology | Materials Science | 4400 |
| 26 | Chemistry | Engineering and Technology | 4293 |
| 27 | Agroforestry Sciences | Medicine | 3975 |
| 28 | Medicine | Law | 3613 |
| 29 | Medicine | Materials Science | 2862 |
| 30 | Engineering and Technology | Chemistry | 2605 |
| 31 | Chemistry | Materials Science | 2564 |
| 32 | Engineering and Technology | Physics and Astrophysics | 2334 |
| 33 | Engineering and Technology | Computer Science | 1945 |
| 34 | Agroforestry Sciences | Biology | 1726 |
| 35 | Medicine | Education | 1724 |
| 36 | Engineering and Technology | Psychology | 1720 |
| 37 | Engineering and Technology | Materials Science | 1655 |
| 38 | Materials Science | Engineering and Technology | 1570 |
| 39 | Materials Science | Chemistry | 1552 |
| 40 | Medicine | Economics | 1423 |
| 41 | Chemistry | Environment Science and Ecology | 1312 |
| 42 | Medicine | Management | 1052 |
| 43 | Law | Medicine | 981 |
| 44 | Medicine | Physics and Astrophysics | 856 |
| 45 | Engineering and Technology | Agroforestry Sciences | 819 |
| 46 | Environment Science and Ecology | Medicine | 815 |
| 47 | Medicine | Humanities | 741 |
| 48 | Humanities | Medicine | 728 |
| 49 | Biology | Physics and Astrophysics | 725 |
| 50 | Medicine | Mathematics | 545 |