

```
1.  GraphDatabaseService graphDB = new GraphDatabaseFactory()... ;
2.  try ( Transaction tx = graphDB.beginTx() ) {
3.      IndexHits <Node> hits = db.index().forNodes ( "fullTextIndex" )
4.          .query( "title: data AND title: mining" );
5.      List <ReleImpScore> listScore = calcReleImp(hits, "data mining");
6.      List <String> arIDs = getTopKIDs(listScore);
7.      Result result = graphDB.execute("
8.          WITH {arIDs} AS IDs UNWIND IDs AS perID
9.          MATCH (ar:Article)-[:ArToAAA]->(r)-[:AAAToAu]-(au:Author)
10.         WHERE ar.arID = perID
11.         WITH ar.title, COLLECT(au.auName), SIZE()-[:ArRef]->(ar)) AS cite, ...
12.         RETURN arID, title, authors, cite, ...");
13.      tx.success();
14.  }
```