

```
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 = calcReleImpo(hits, "data mining");
6.     List<String> paIDs = getTopKIDs(listScore);
7.     Result result = graphDB.execute("
8.         WITH {paIDs} AS IDs UNWIND IDs AS perID
9.         MATCH (p:Paper)-[:PaToPAA]->(r)-[:PAAToAut]-(a:Author)
10.        WHERE p.paID= perID
11.        WITH p.title, COLLECT(a.auName), SIZE()-[:PaRef]->(p)) AS cite, r
12.        RETURN paID, title, authors, cite ...");
13.     tx.success();
14. }
```