

```
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, ...
12.         RETURN paID, title, authors, cite, ...");
13.      tx.success();
14.  }
```