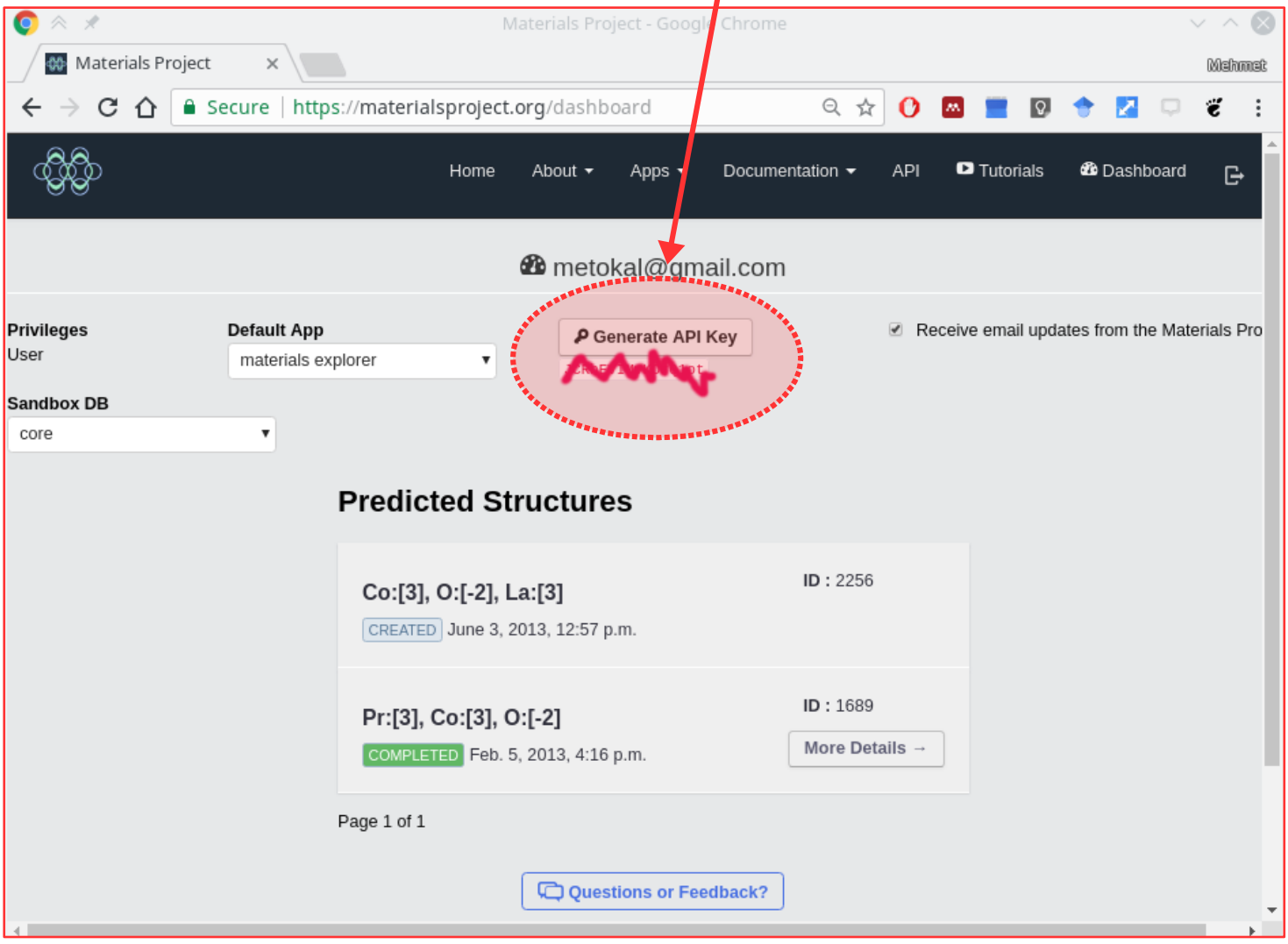
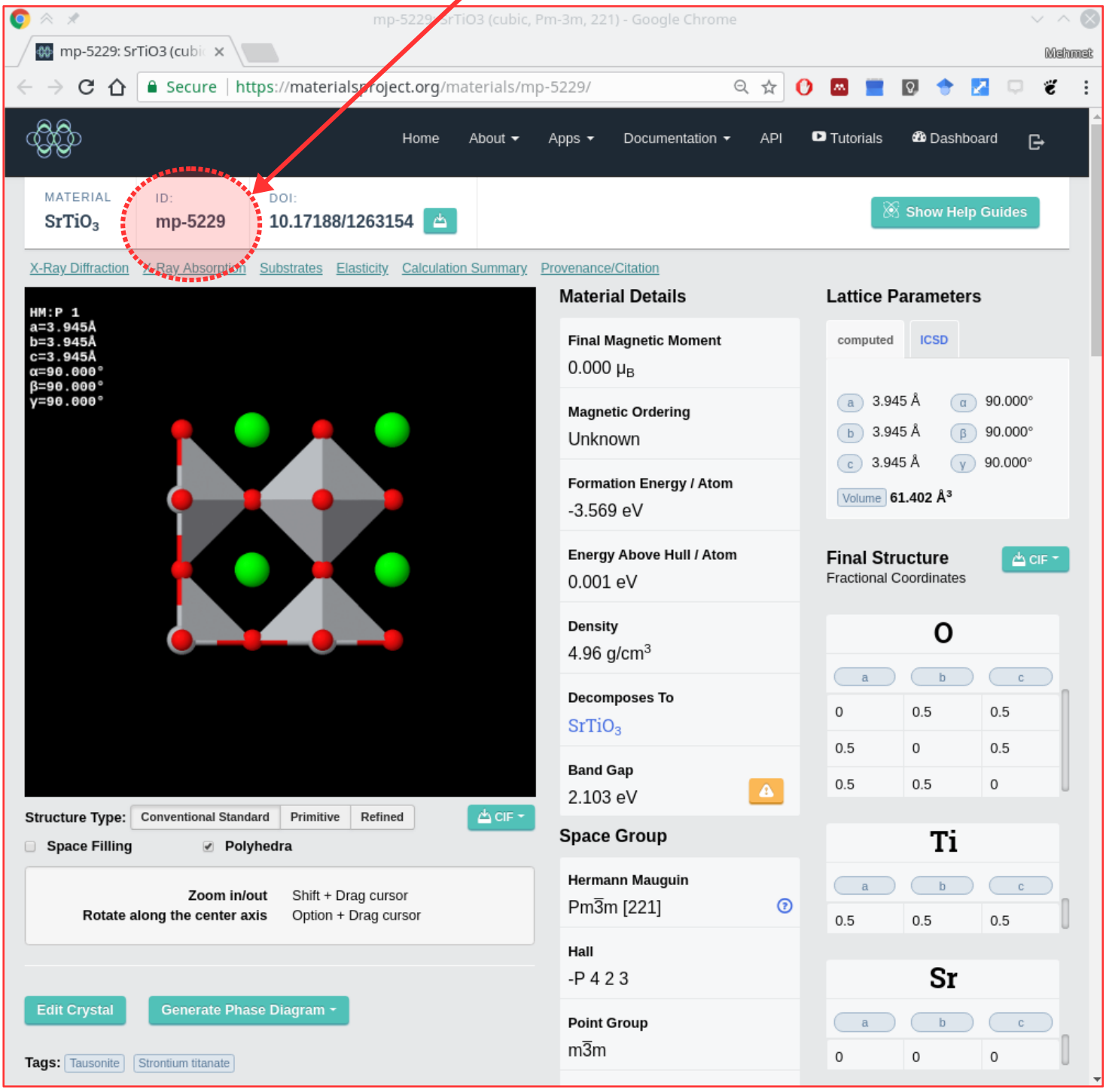
Materials Project ***API key*** is here



Materials Project ***ID (mpid)*** is here



```
''' Suppose you have an experimental unknown spectrum and you want to
compare it with a spectrum in the database. For this task, you can use
compare_my_unknown function as below. First you should place your unknown
spectrum into "unknowns" folder as two-column plain text and give it a
filename like: unknown.txt. then you should provide mpid of reference '''

compare_my_unknown(fname='unknown.txt',mpid='mvc-11115',absorbing_atom='Ti')
```

executed in 487ms, finished 16:57:25 2018-02-05

x-shift in eV: 1.5