Publication quality X-ray images in Mercury 2.3

You can download a free copy of Mercury from: http://www.ccdc.cam.ac.uk/products/mercury/

You will also need a copy of the .cif file of the crystal structure.

 Set the display options to: Background color = white

Style = El se	lipsoid et Ellipsoid Display Options under:	
	Menu: Display → Styles → Ellipsoid Setti	ngs
C	Ellipsoid Display Options	
F	Probability level (%): 50	
,	Display options	
	✓ Draw principal ellipses, in colour	
	\checkmark Draw hydrogens as fixed-size spheres, of radius (A): ().15
	✓ Draw Non-Positive-Definite atoms as cubes	
	Bond style: Stick Radius (A)	0.1
	Defaults	Close

- 2) Display molecule on the screen at the angle that you would like make the structure as big as possible on your screen
- Hide any solvent molecules or parts of the molecule select atoms then click Menu: Display → Show/Hide → Atoms
- 4) Save the image as a JPG file
 Menu File → Save as → JPG
 set image size to at least 2000 x 2000

