

# List of Tables

1.1	Key terms and definitions in nanotechnology. . . . .	3
1.2	Classification of nanomaterials. . . . .	5
3.1	Average life time of bare CdSe and overcoated CdSe-Cu <sub>2</sub> Se QDs. . . .	57
3.2	Average life time of CdSe-Cu <sub>2</sub> Se QDs/MV <sup>2+</sup> . . . . .	57
5.1	Average life time of ZnTe-ZnSe QDs/MV <sup>2+</sup> . . . . .	86