



## Supporting Information

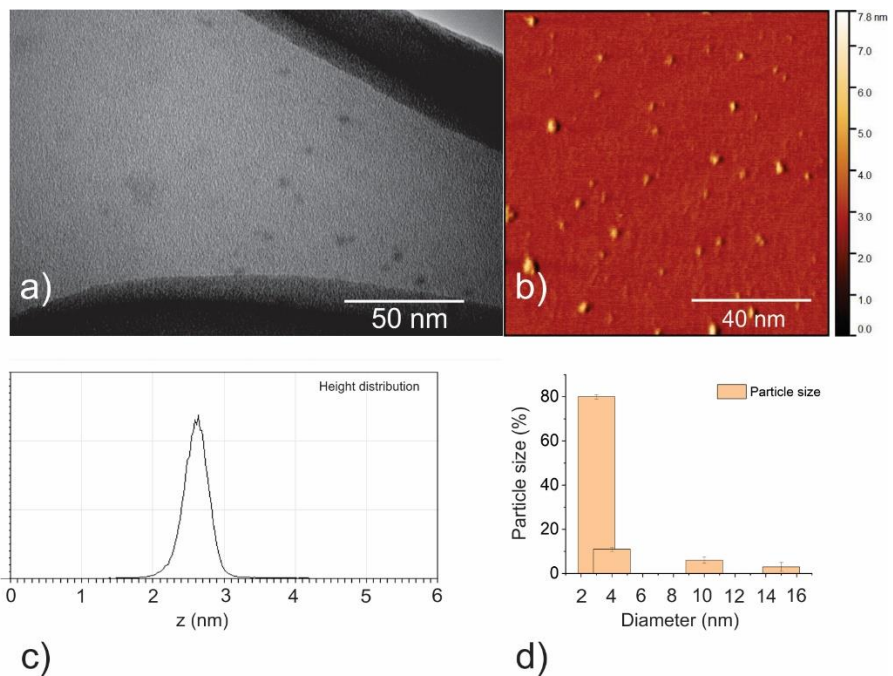
for

### **Structural, optical, and bioimaging characterization of carbon quantum dots solvothermally synthesized from *o*-phenylenediamine**

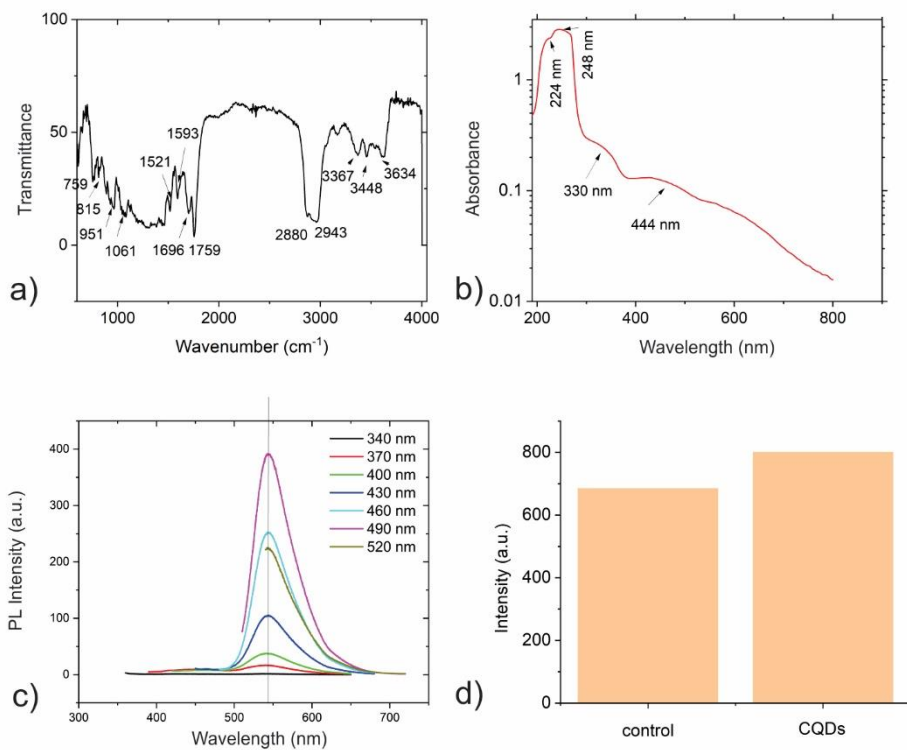
Zoran M. Marković, Milica D. Budimir, Martin Danko, Dušan D. Milivojević, Pavel Kubat, Danica Z. Zmejkoski, Vladimir B. Pavlović, Marija M. Mojsin, Milena J. Stevanović and Biljana M. Todorović Marković

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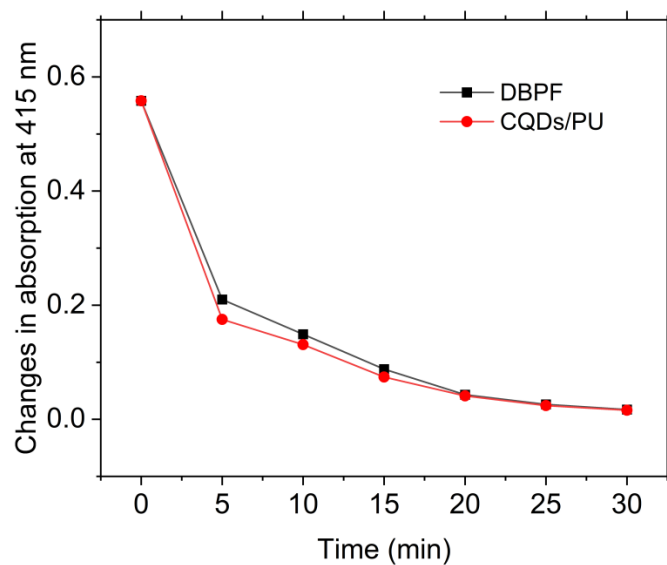
## Additional experimental data



**Figure S1:** (a) TEM micrograph of CQDs, (b) top view AFM image of CQDs, (c) height profile of CQDs, and (d) particle size distribution of CQDs.



**Figure S2:** (a) FTIR spectrum of CQDs, (b) UV-vis spectrum of CQDs, (c) PL spectra of CQDs, and (d) EPR spectra of CQDs samples.



**Figure S3:** Changes in absorption at 415 nm of DBPF (black curve) and CQDs/PU composite sample (red curve).

**Table S1:** Antibacterial activity of CQDs/PU composite samples.

Bacteria strains	Irradiation time (min)	Antibacterial activity
<i>E. coli</i>	15	no
	30	no
	60	no
	360	no
<i>S. aureus</i>	60	no
	120	no
	240	no
	360	no