

## Electronic Supplementary Material (ESI) Concentration Effects on the Self-Assembly of Tyrosine Molecules

Hajar Nili Ahmadabadi,<sup>a</sup> Amir Ali Masoudi,<sup>b</sup> and Sahin Uyaver,<sup>c\*</sup>

<sup>a</sup> Department of Physics, Faculty of Physics and Chemistry, Alzahra University, Tehran, Iran.

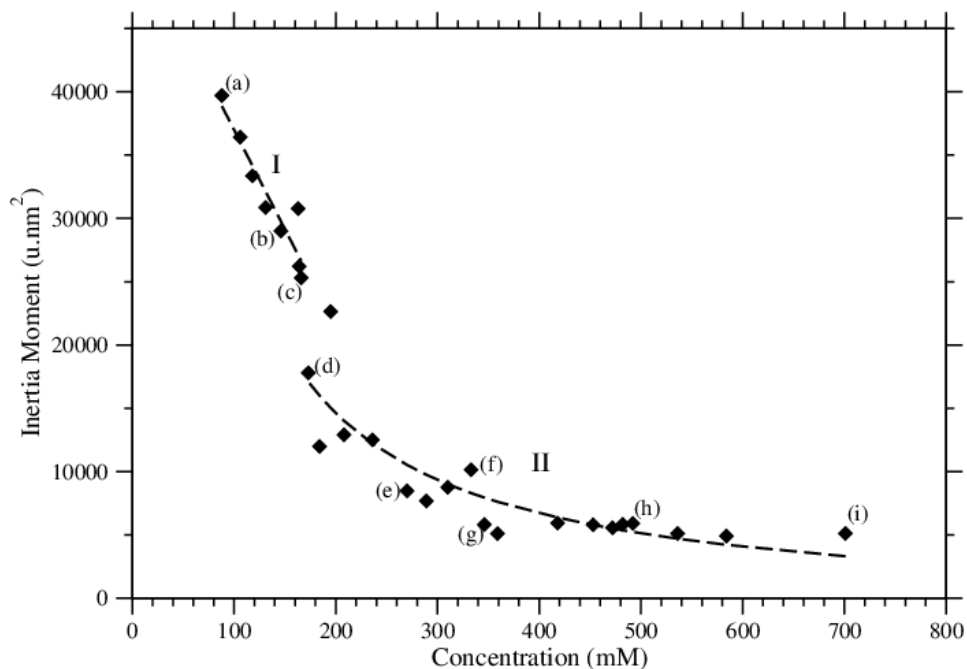
<sup>b</sup> Department of Physics, Faculty of Physics and Chemistry, Alzahra University, Tehran, Iran.

<sup>c</sup> Department of Energy Science and Technologies, Turkish-German University, Sahinkaya Cad 106 34820 Beykoz, Istanbul, Turkey.

\*E-mail: uyaver@tau.edu.tr.

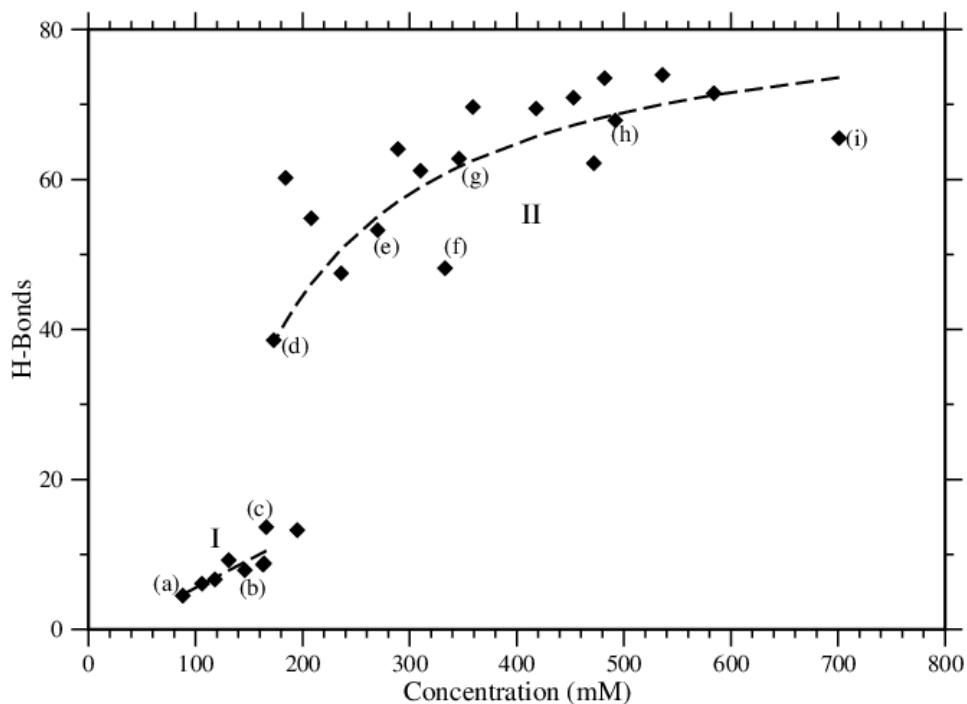
## Fitting Parameters of the Curves

Figure 1



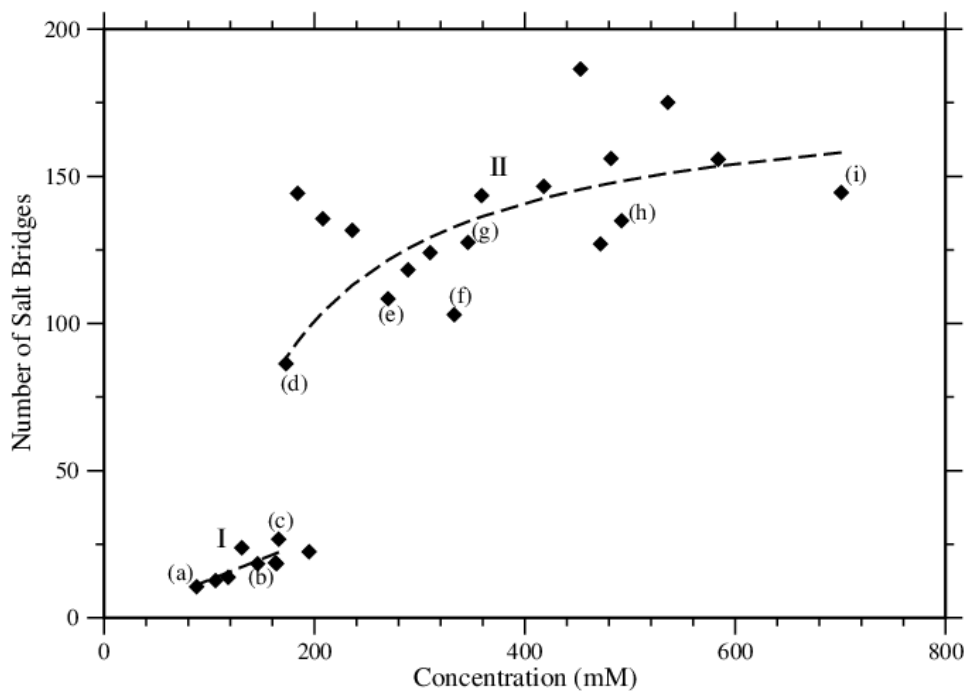
Concentration range (mM)	Curve Type	Parameters
88-166	$ax + b$	$a = -156 \pm 23.1,$ $b = 52670 \pm 3200;$ $R^2 = 0.88446.$
173-701	$a/x + b$	$a = 3166000 \pm 434000,$ $b = -1200 \pm 1500;$ $R^2 = 0.75746.$

Figure 2



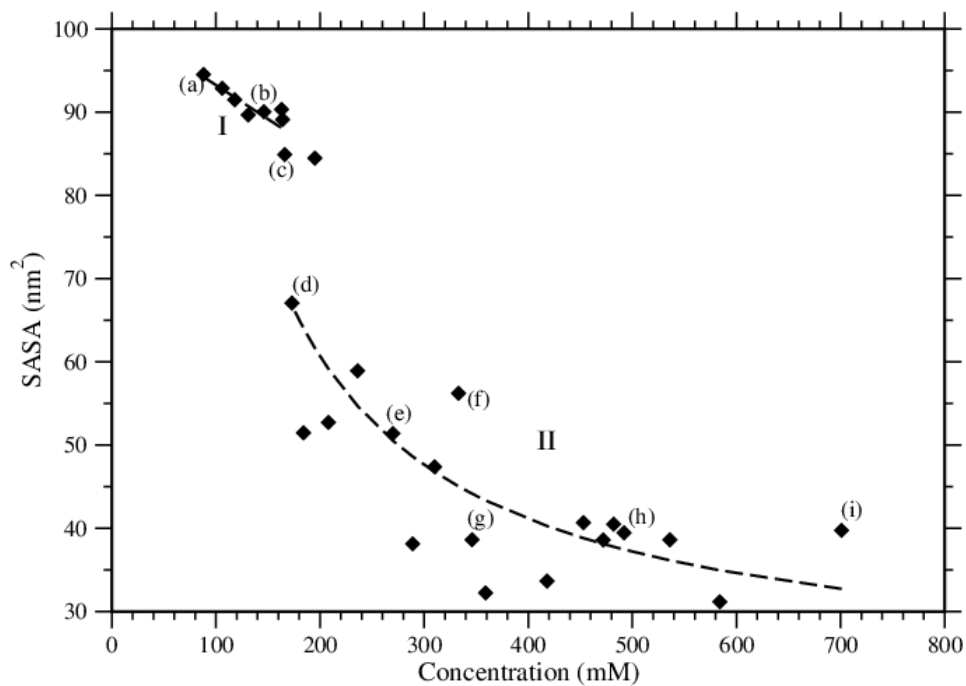
Concentration range (mM)	Curve Type	Parameters
88-166	$ax + b$	$a = 0.0746 \pm 0.0222,$ $b = -1.92 \pm 3.1;$ $R^2 = 0.65375.$
173-701	$a/x + b$	$a = -8140 \pm 1820,$ $b = 85.21 \pm 6.2;$ $R^2 = 0.541131.$

Figure 3



Concentration range (mM)	Curve Type	Parameters
88-166	$ax + b$	$a = 0.1419 \pm 0.0498,$ $b = -1.33 \pm 6.9;$ $R^2 = 0.57523.$
173-701	$a/x + b$	$a = -16040 \pm 5070,$ $b = 180.9 \pm 17;$ $R^2 = 0.37059.$

Figure 4



Concentration range (mM)	Curve Type	Parameters
88-166	$ax + b$	$a = -0.0817 \pm 0.0213,$ $b = 101.42 \pm 2.9;$ $R^2 = 0.71079.$
173-701	$a/x + b$	$a = 7820 \pm 1510,$ $b = 21.56 \pm 5.2;$ $R^2 = 0.61059.$