

Advanced synthesis and characterization of vanadia/titania catalysts through a molecular approach

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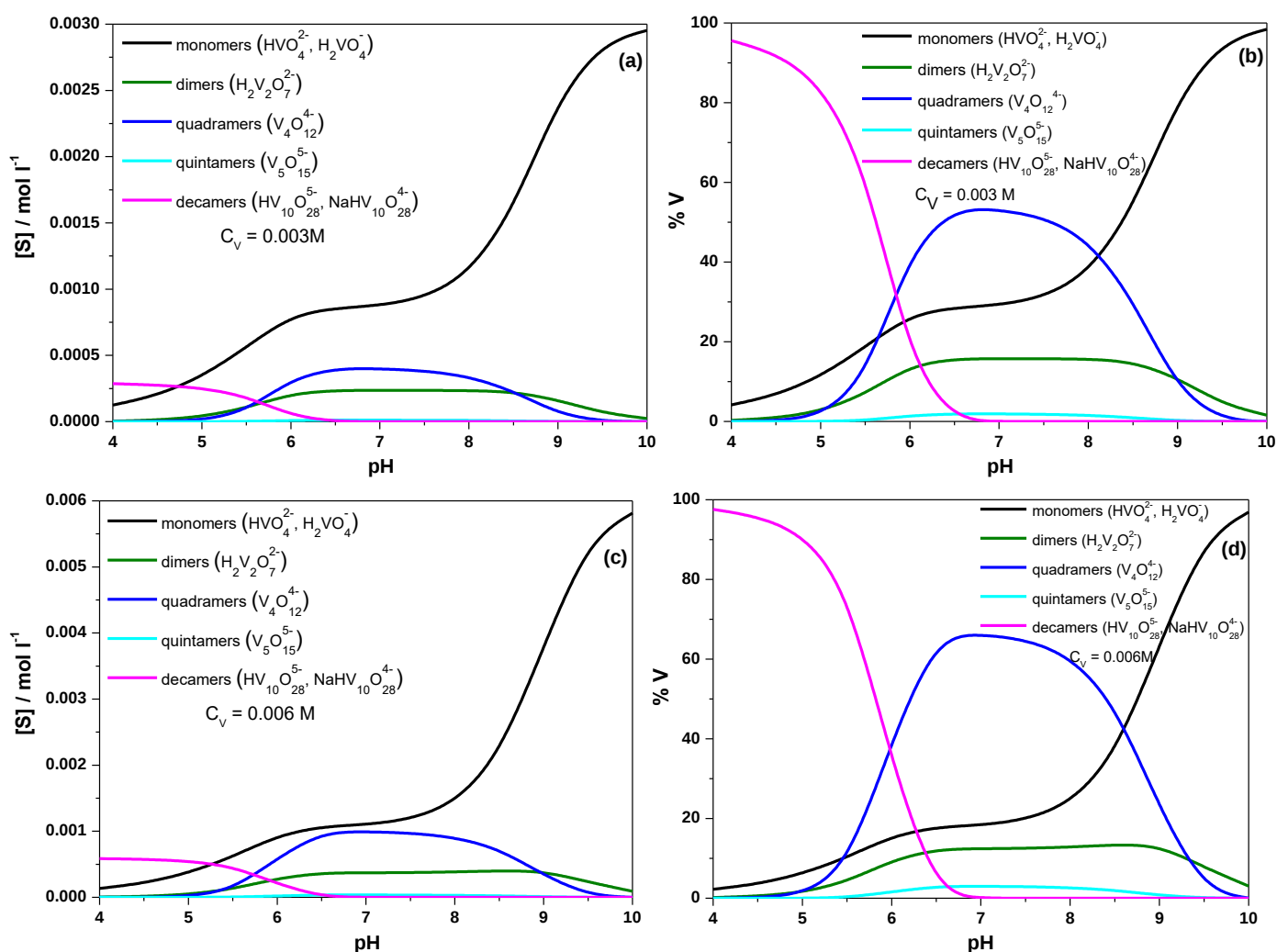


Figure S1. (left) Variation of the concentration, $[\text{S}]$ (mol/l), of the main vanadium species with the pH, for two different total V concentrations and (right) the distribution of total vanadium among the different species in the solution ($I=0.1 \text{ M NaNO}_3$).

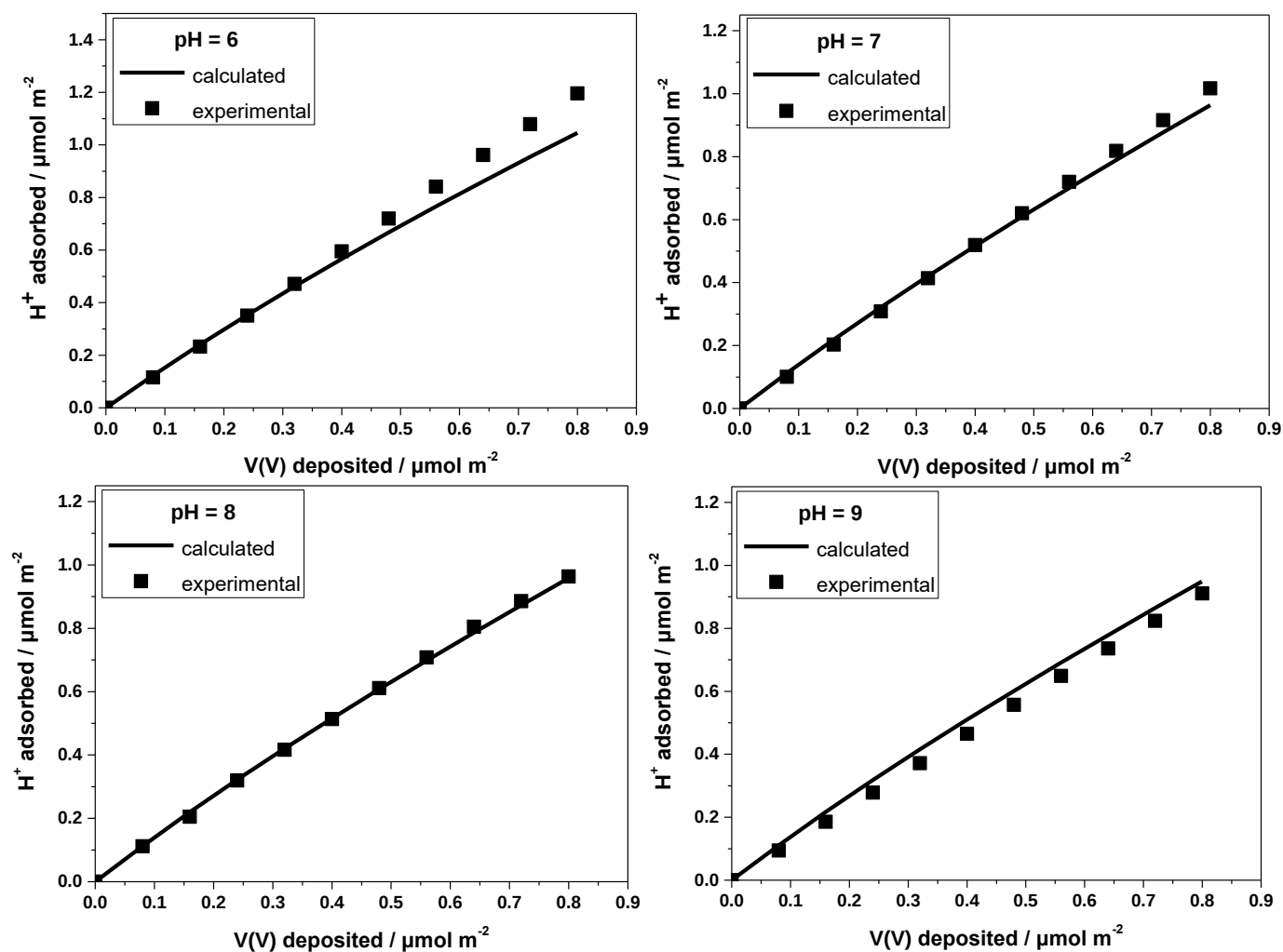


Figure S2. Amount of the H^+ ions adsorbed vs the amount of the deposited $V(V)$ for various pH values. Points represent experimental data and solid lines correspond to calculated curves on the basis of the deposition mechanism finally adopted in the simulation.