

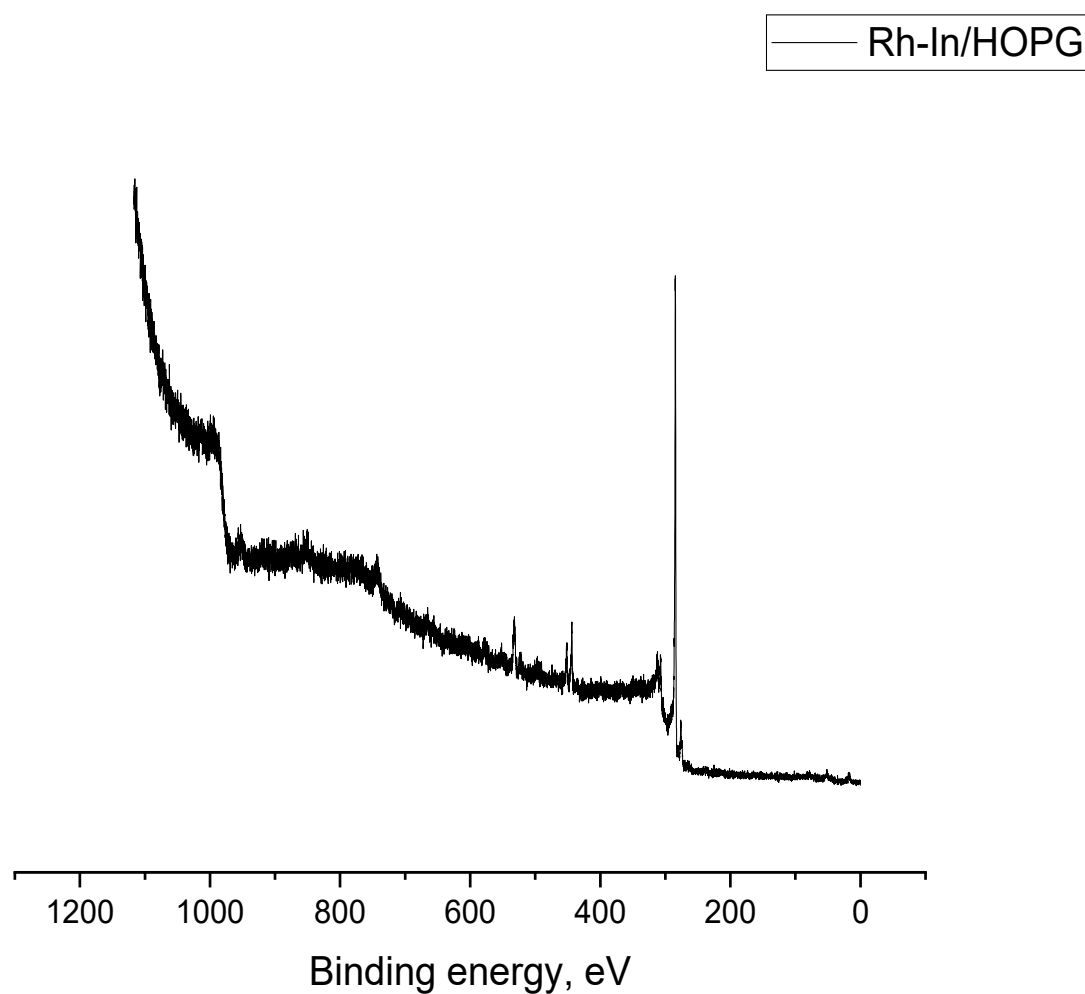
## The Rh-In bimetallic nanoparticles formation regularities: insights from theoretical and experimental studies by XPS and STM

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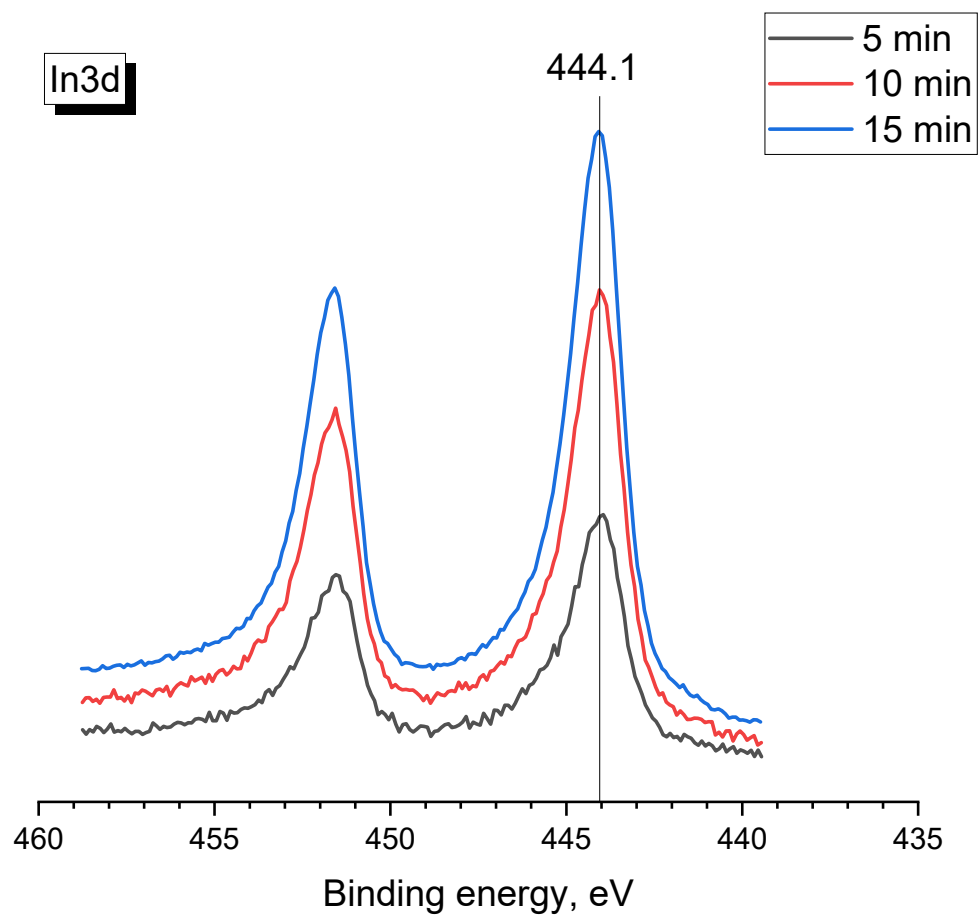
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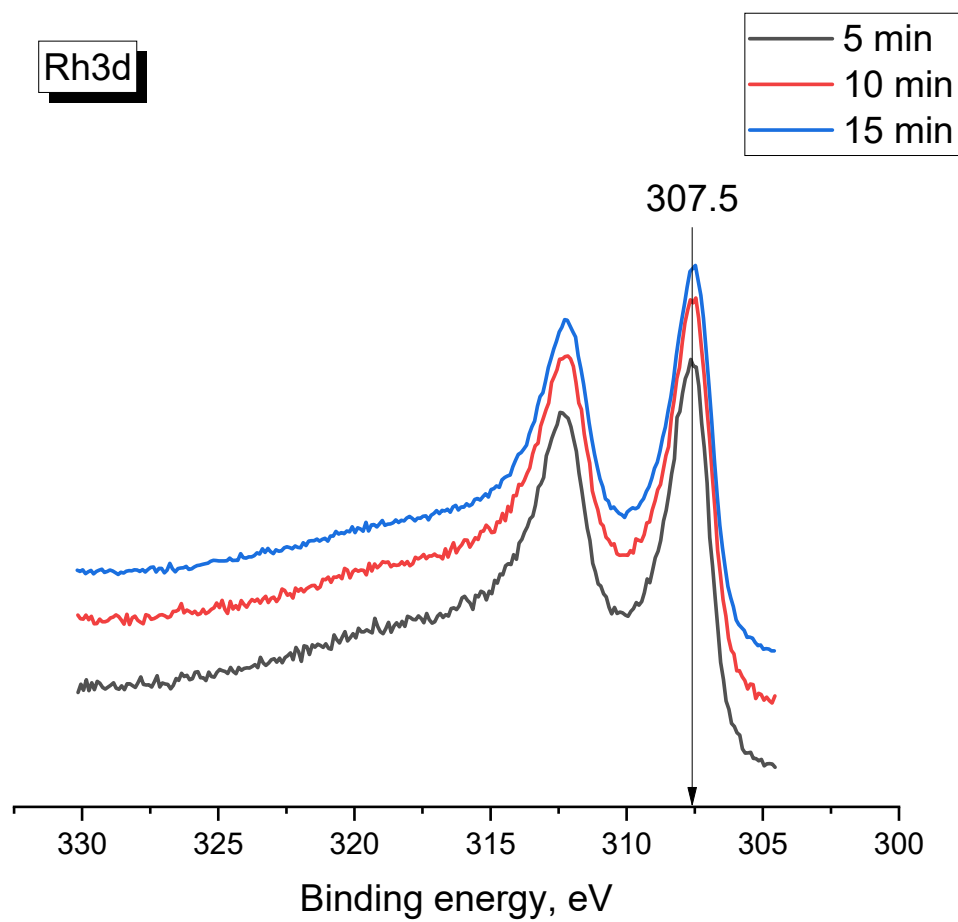
### Supporting Information



**Fig.1** Survey X-ray photoelectron spectra of the Rh-In/HOPG sample.



**Fig.2.** X-ray photoelectron spectra of In3d for Rh-In sample after different deposition time of indium on monometallic Rh/HOPG catalyst.



**Fig.3.** X-ray photoelectron spectra of Rh3d for Rh-In sample after different deposition time of indium on monometallic Rh/HOPG catalyst.