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## Curriculum Vitae

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### Educacion

- 1978-1981 **High School, C.B.C Jesús Muños Tébar, Los Teques.**
- 1981-1983 **C.D. Roque Pinto, Los Teques, Título obtenido:**, Bachiller en Ciencias.
- 1984-1990 **University, Universidad Central de Venezuela, Título obtenido:**, Licenciado en Química.
- 1990-1994 **Universidad Central de Venezuela, Facultad de Ciencias Caracas, Título obtenido:**, Doctor en Ciencias Mención Química.
- 1994– **Profesor Titular, Universidad Central de Venezuela.** presente

### Publicaciones

- 2024 Aurélie Le Beulze, John-richard Ordóñez-varela, Brice Bouyssiere, Jimmy Castillo, and Vicmary Vargas. Recovery method of organic molecules from a complex matrix, February 22 2024. US Patent App. 18/269,889.
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- 2023 Jimmy Castillo and John Richard ORDONEZ VARELA. Nanofluid for fines migration reduction and enhanced oil recovery, method of preparation and uses, September 12 2023. US Patent 11,753,579.
- 2023 Jimmy Castillo and Rodriguez Luis. Study of the adsorption of methylene blue on graphene sheets obtained from rice husks: experimental and molecular dynamics simulation. *Applied Physics A*, volume 129, page 733. Springer Berlin Heidelberg Berlin/Heidelberg, 2023.
- 2023 Jimmy Castillo, Genesis Gonzalez, Mathieu Menta, Javier Jimenez-Lamana, and Brice Bouyssiere. Biogenic rh-sio<sub>2</sub> nanoparticles for vanadium removal from asphaltenes via gpc-icp ms and spicp ms analysis. *Energy & Fuels*, volume 37, pages 12696–12703. American Chemical Society, 2023.
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Jimmy soluciones de alta densidad óptica a diferentes temperaturas" Tesis de Grado del Br. Castillo  
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- 2023 Síntesis y caracterización de Nano Grafeno y oxido de Grafeno a partir de material biogénico modificado con nanopartículas metálicas: Aplicaciones: Fonacit
- 2023 Estudio (screening) químico y fitoquímico de cacao venezolano criollo, forastero y trinitario:  
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