


# ATOMIC RENDER


Scientific illustrator



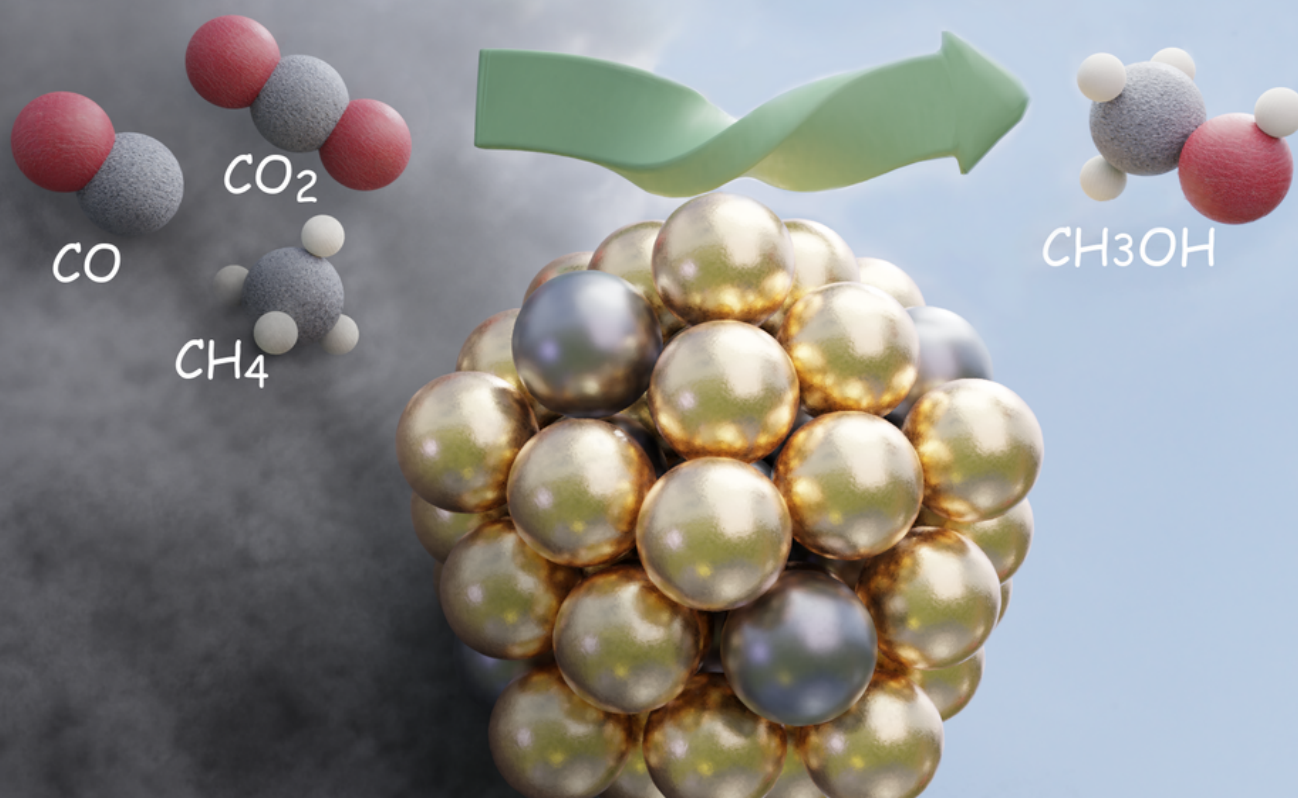
Atomic Render is my artistic name, while my real name is Johnatan Mucelini. I have more than three years of experience as a freelance scientific illustrator. Most of my illustrations are related to chemistry, physics, and material science. You can hire me to frame major findings of a paper in a graphical entry, design engaging arts for presentations and journal covers, create animations, etc. Currently, I am a Ph.D. student in chemistry at São Paulo University (Brazil).

 [atomic.render](#)

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 [johnatanmucelini.github.io](https://johnatanmucelini.github.io)

 [Johnatan Mucelini](#)



## Any idea can be modeled:

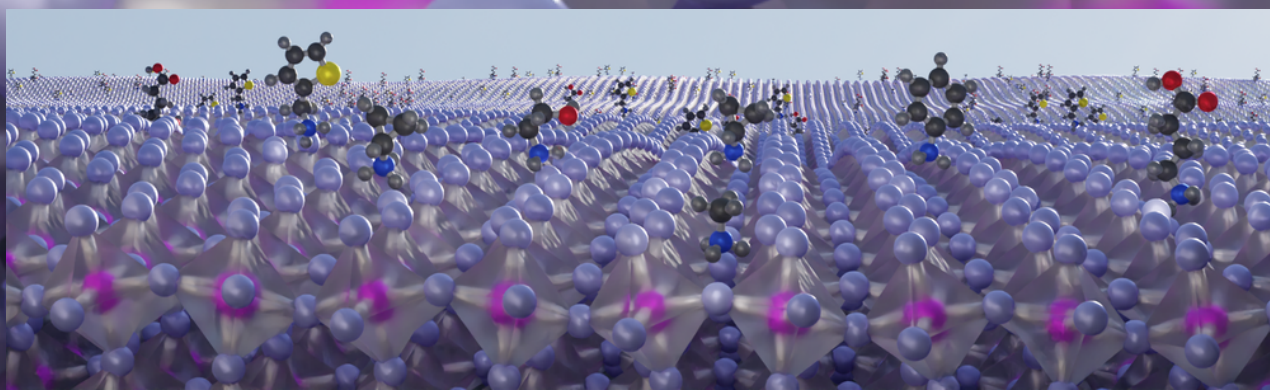
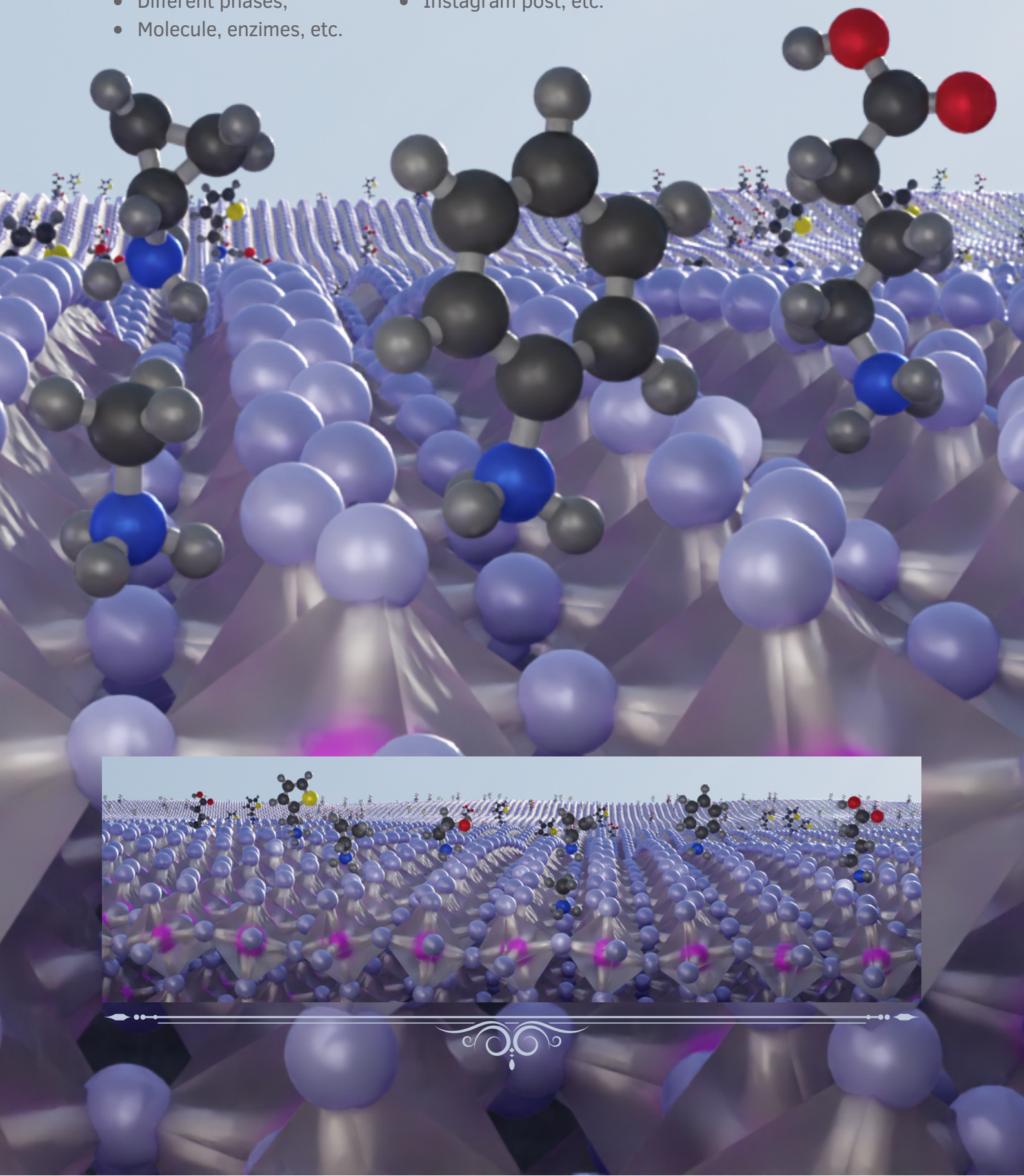
- Large systems;
- Many structures environments;
- Different phases;
- Molecule, enzymes, etc.

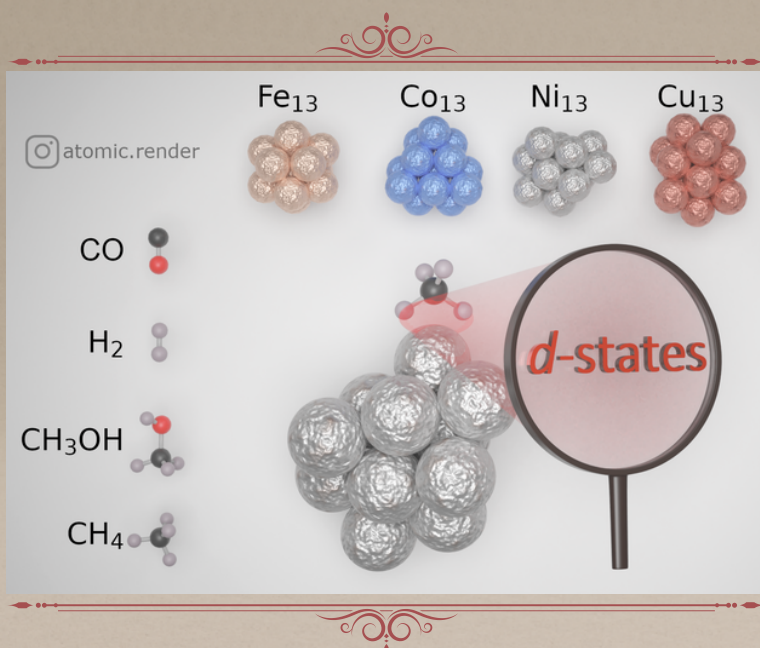
## One model, multiple images:

- Paper graphical entry;
- Presentation;
- Linking background;
- Instagram post, etc.

## Better illustrations:

- Highlight your work result;
- Engage more people;
- Increase your visibility, etc.



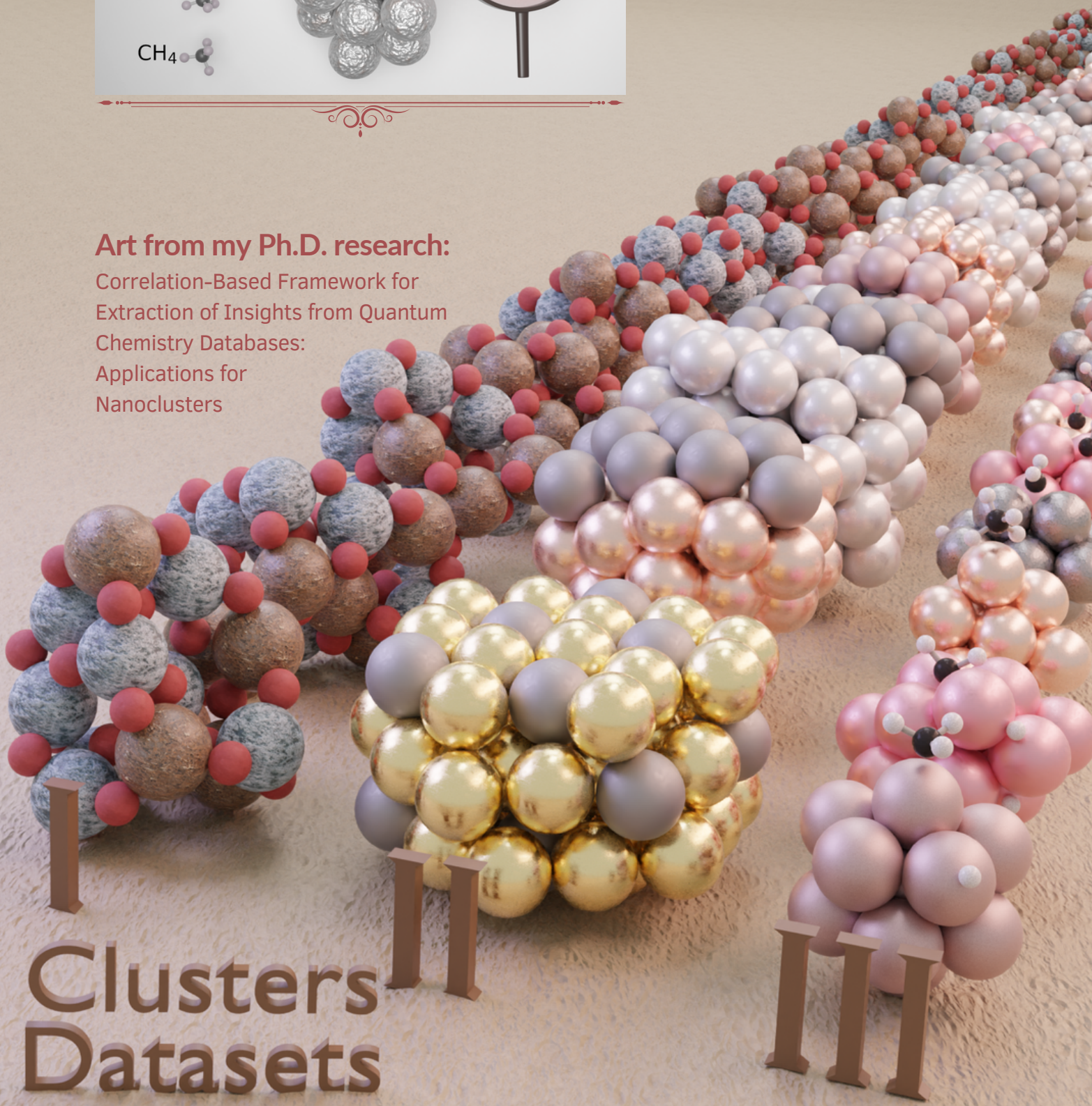


## Graphical entry for

"*Ab initio* investigation of the role of the d-states occupation on the adsorption properties of H<sub>2</sub>, CO, CH<sub>4</sub> and CH<sub>3</sub>OH on the Fe<sub>13</sub>, Co<sub>13</sub>, Ni<sub>13</sub> and Cu<sub>13</sub> clusters"

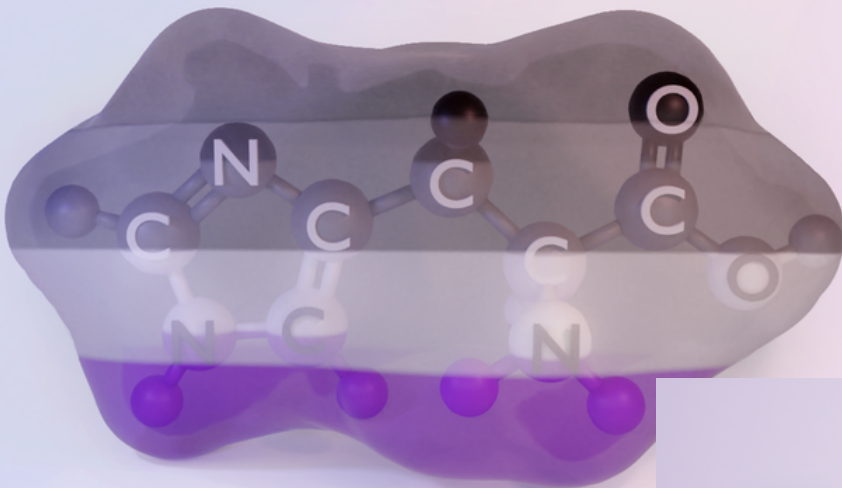
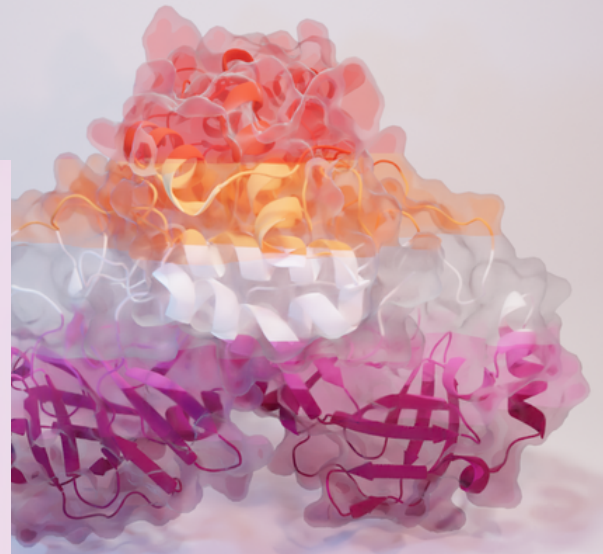
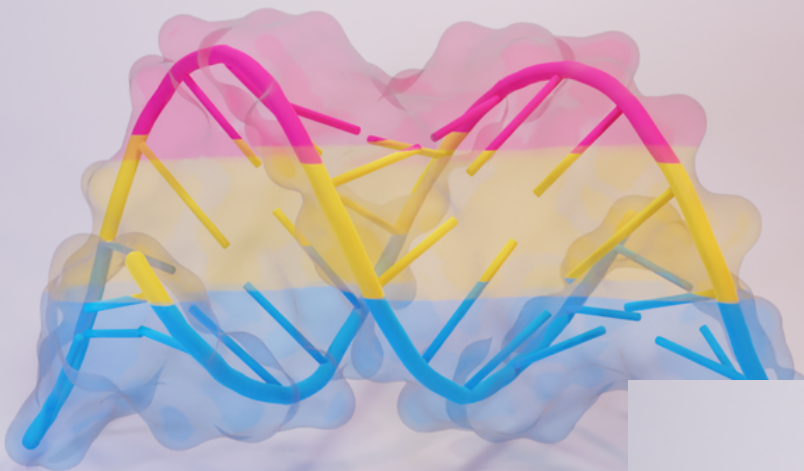
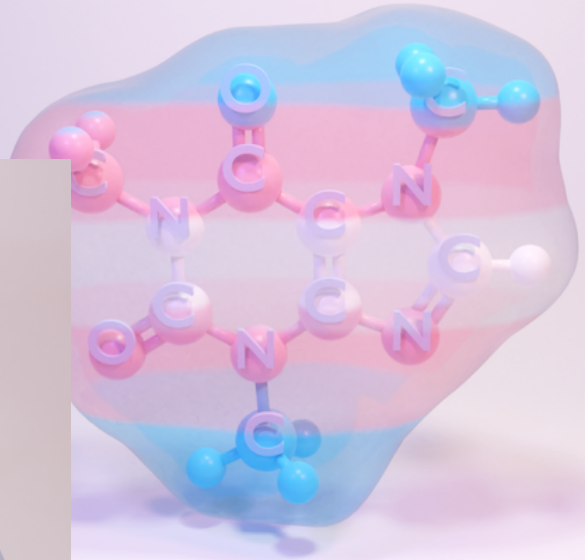
## Art from my Ph.D. research:

Correlation-Based Framework for  
Extraction of Insights from Quantum  
Chemistry Databases:  
Applications for  
Nanoclusters

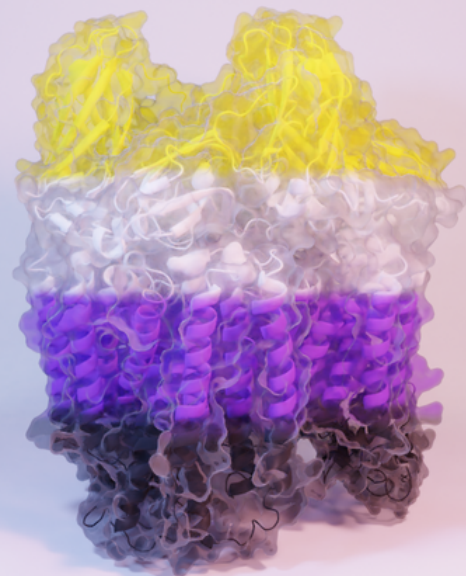


# Clusters Datasets

Homage for friends due to the LGBTQIA+ pride month

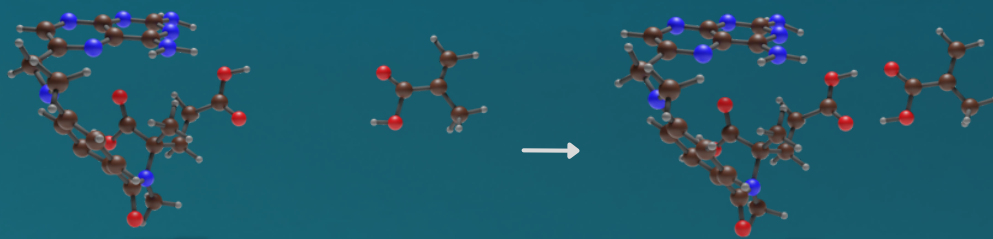


Lower prices for people of overexploited groups



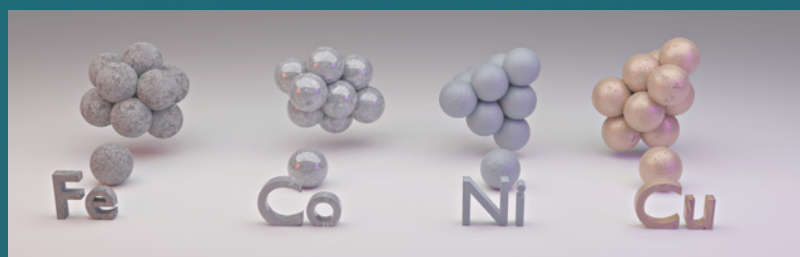
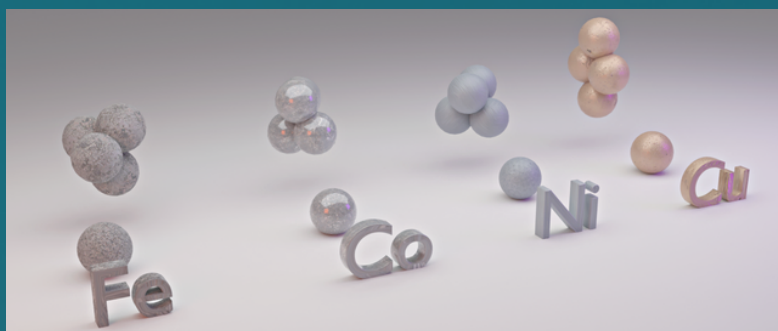
## Animations

### The interaction between methotrexate and methacrylic acid



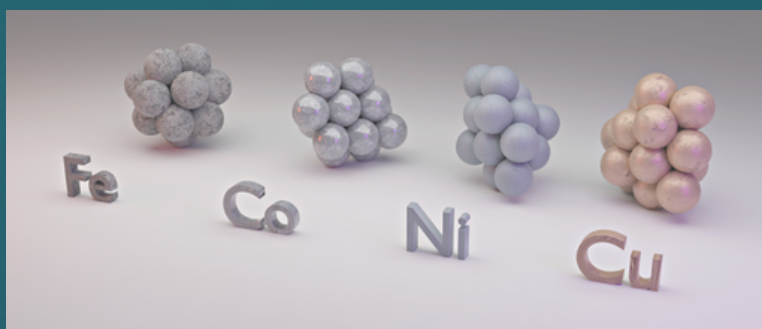
Animation for the TecMARA group of the Facultad de Ciencia of the Universidad Nacional de Ingeniería, in Lima, Peru.

### The growth of transition metal clusters

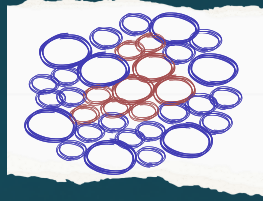


### Based on the paper

"Evolution of the structural, energetic, and electronic properties of the 3d, 4d, and 5d transition metal clusters (30  $TM_n$  systems for  $n = 2-15$ ): a density functional theory investigation"

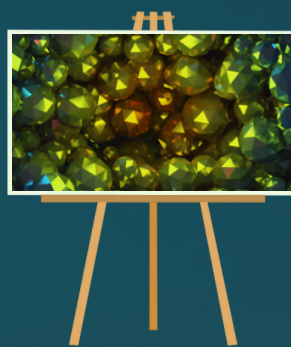


## How it works



1. You contact me to explain what you want. For instance, provide hand-drawn images.

2. We settle the prices and deadlines for deliveries. You pay me per milestone. If you wish, I can provide ideas to enhance the illustration.



3. I deliver each milestones, while you give me feedback. I improve the illustrations until you approve the final version.

## For brazilians

Eu emito nota fiscal pela prestação dos meus serviços. Assim, pessoas com bolsa com taxa de bancada podem prestar contas para as respectivas entidades de fomento.

## Contact

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📷 [atomic.render](https://www.instagram.com/atomic.render)

**A picture is worth a thousand words**