



## Juan Lezama Pacheco

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### Publications

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#### PUBLICATIONS

- **Nonlinear Redox Transformations of Chromium in Soil during Wildfire Heating: The Critical Role of Iron Mineralogy.** *Environmental science & technology*  
Namayandeh, A., Lamb, C., Sarabia, J. L., Shakouri, M., Lopes, E., Lezama Pacheco, J., Honeyman, A., Coker, A., Stewart, B., Tikoo, S., Peak, D., Fendorf, S.  
2025
- **FeS colloids - formation and mobilization pathways in natural waters (vol 7, pg 2102, 2020)** *ENVIRONMENTAL SCIENCE-NANO*  
Noel, V., Kumar, N., Boye, K., Barragan, L., Lezama-Pacheco, J. S., Chu, R., Tolic, N., Brown Jr, G. E., Bargar, J. R.  
2024
- **Correction: FeS colloids - formation and mobilization pathways in natural waters.** *Environmental science. Nano*  
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2024
- **Magnetic properties of nano(iron oxide)-decorated graphene oxide** *MATERIALS CHEMISTRY AND PHYSICS*  
Espinosa-Faller, F. J., Hoy-Benitez, J., Colina-Ruiz, R. A., Contreras, J., de Leon, J., Lezama-Pacheco, J. S., Llamazares, J., Caballero-Briones, F.  
2024; 317
- **Effects of Transition Metals on Metal-Octaaminophthalocyanine-Based 2D Metal-Organic Frameworks.** *ACS nano*  
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2022
- **U(VI) binding onto electrospun polymers functionalized with phosphonate surfactants.** *Journal of environmental chemical engineering*  
Shaikh, N., Qian, J., Kim, S., Phan, H., Lezama-Pacheco, J. S., Ali, A. S., Cwiertny, D. M., Forbes, T. Z., Haes, A. J., Cerrato, J. M.

2022; 10 (5)

- **Mobilization of As, Fe, and Mn from Contaminated Sediment in Aerobic and Anaerobic Conditions: Chemical or Microbiological Triggers?** *ACS earth & space chemistry*  
DeVore, C. L., Rodriguez-Freire, L., Villa, N., Soleimanifar, M., Gonzalez-Estrella, J., Ali, A. M., Lezama-Pacheco, J., Ducheneaux, C., Cerrato, J. M.  
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- **Mobilization of As, Fe, and Mn from Contaminated Sediment in Aerobic and Anaerobic Conditions: Chemical or Microbiological Triggers?** *ACS EARTH AND SPACE CHEMISTRY*  
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- **Reply to the Comment on "FeS colloids - formation and mobilization pathways in natural waters" by S. Peiffer, D0EN00967A ENVIRONMENTAL SCIENCE-NANO**  
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