PRAIRIE VIEW A&M UNIVERSITY

Curriculum Vitae

Faculty Name:	**Jorge Federico Gabitto**	**Work Address:**	P.O. Box 519; MS 2505 Prairie View, TX 77446
Position Title:	Professor		
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Education:	**Degree and Area of Study**	**Institution Name**	**Degree Date**
	Ph. D., Chemical Engineering	University of Buenos Aires, Argentina	1986
	B. S., Industrial Chemistry	University of Buenos Aires, Argentina	1979

Teaching Experience	**Position Title**	**Institution Name**	**Position Dates** (Beginning and End)
	Professor	PVAMU	1991 - Present
	Teaching Assistant	University of Buenos Aires, Argentina	1983 - 1987

Professional Publications:

a. Tang, K., Yiacoumi, S., Li, Y., Gabitto, J., and Tsouris, C. “Optimal Conditions for Efficient Flow-Electrode Capacitive Deionization.” Submitted for publication to *Separation and Purification Technology*, **357**, 2019.

b. Kasturi, A. S., Ladshaw, A., Yiacoumi, S., Gabitto, J., Garrabrant, K., Custelcean, R., and Tsouris, C. “CO_2 Absorption from Simulated Flue Gas in a Bubble Column,” *Sep. Sci. & Tech*., DOI: 10.1080/01496395.2019.1617745, 2019.

c. Gabitto, J., Custelcean, R., and Tsouris, C. “Simulation of Carbon Dioxide Absorption by Amino Acids in Two-Phase Batch and Bubble Column Reactors,” *Sep. Sci. & Tech*., DOI: 10.1080/01496395.2019.1609030, 2019.

d. Tang, K., Gabitto, J., Yiacoumi, S., and Tsouris, C. “Seawater Desalination by Over-Potential Membrane Capacitive Deionization: Opportunities and Hurdles.” *Chem. Eng. Journal*, **357**, 103-111, 2019.

e. Gabitto, J. and Tsouris, C. “Modeling Sulfur Poisoning of Palladium Membranes Used for Hydrogen Separation.” *Int. Journal of Chem. Eng.*, vol. 2019, Article ID 9825280, https://doi.org/10.1155/2019/9825280357, 103-111, 2019.

	f. Gabitto, J. and Tsouris, C. “Carbon Dioxide Absorption Modeling for Off-Gas Treatment in the Nuclear Fuel Cycle.” *Int. Journal of Chem. Eng.*, vol. **2018**, ID: 3158147, 2018. https://doi.org/10.1155/2018/3158147.
	g. Gabitto, J. and Tsouris, C. “One- and Two-Equation Models to Simulate Ion Transport in Charged Porous Electrodes.” *Colloids Interfaces*, ***2***, 4, 2018.
	h. Gabitto, J. F. and Tsouris, C., “Surface Transport Processes in Charged Porous Media,” *Journal of Colloid and Interface Science*, **498**, 91-104, 2017.
Additional Trainings/Skills:	Paper reviewer for several journals.
	Proposal reviewer for several agencies.
	Project reviewer Oak Ridge National Laboratory
	Safety officer Oak Ridge National Laboratory (2001 – present)