WILSON SONSINI

Jose F. Martinez

PATENT AGENT

Patents and Innovations

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FOCUS AREAS

Intellectual Property

Life Sciences

Patents and Innovations

EXPERIENCE

Dr. Jose F. Martinez is a scientific advisor in the Century City office of Wilson Sonsini Goodrich & Rosati, where he is a member of the patents and innovations practice. His practice focuses on patent prosecution and intellectual property matters, primarily in the small-molecule pharmaceutical, 3D printing, clean technology, energy, computer network, and computer technology industries.

Prior to joining the firm, Jose conducted doctoral research on synthesizing and investigating photodriven carbon dioxide reduction catalysts under the supervision of Professor Michael R. Wasielewski at Northwestern University. During his time at Northwestern, he interned at Northwestern's Innovation and New Ventures, where he conducted and reviewed prior art and intellectual technical publications in order to advise on invention disclosures.

CREDENTIALS

Education

- Ph.D., Chemistry, Northwestern University, 2018
- B.A., Chemistry, Computer Science, Cornell College, 2013
  Recipient, American Chemical Society Scholar

Admissions

- U.S. Patent and Trademark Office

INSIGHTS

Select Publications

- Co-author with N.T. La Porte and M.R. Wasielewski, "Electron Transfer from Photoexcited Naphthalene-1,4:5,8-bis(dicarboximide) Radical Anion to Mn(bpy)(CO) 3 X and Re(bpy)(CO) 3 X CO 2 Reduction Catalysts Linked via a Saturated Methylene Bridge," *Journal of Photochemistry and Photobiology A: Chemistry*, 2018
- Co-author with A. Sinopoli, N.T. La Porte, M.R. Wasielewski, and M. Sohail, "Manganese carbonyl complexes for CO2 reduction," 365 *Coordination Chemistry Reviews* 60-74, 2018
- Co-author with N.T. La Porte, S. Chaudhuri, S. Hedström, V.S. Batista, and M.R. Wasielewski, "Photoexcited radical anion super-reductants for solar fuels catalysis," 361 *Coordination Chemistry Reviews* 98-119, 2018
- Co-author with N.T. La Porte and M.R. Wasielewski, "Electron Transfer from Photoexcited Naphthalene Diimide Radical Anion to Electrocatalytically Active Re(bpy)(CO)3Cl in a Molecular Triad," 122(5) *The Journal of Physical Chemistry C* 2608-17, 2018
- Co-author with S. Hedström, S. Chaudhuri, N.T. La Porte, B. Rudshteyn, M.R. Wasielewski, and V.S. Batista, "Thousandfold Enhancement of Photoreduction Lifetime in Re(bpy)(CO)3 via Spin-Dependent Electron Transfer from a Perylenediimide Radical Anion Donor," 139(46) *Journal of the American Chemical Society* 16466-9, 2017

TECHNICAL FLUENCY

Therapeutics and Drug Discovery

- Drug conjugates
- Small molecules

Chemistry and Material Science

- Organic chemistry