

Yamil Saenz

Veterinary Research Coordinator, Radiology - Diagnostic Radiology

Publications

PUBLICATIONS

- **Transcranial ultrasound neuromodulation of the thalamic visual pathway in a large animal model and the dose#response relationship with MR#ARFI** *Scientific Reports*
Mohammadjavadi, M., Ash, R. T., Li, N., Gaur, P., Kubanek, J., Saenz, Y., Glover, G. H., Popelka, G. R., Norcia, A. M., Butts Pauly, K.
2022; 12: 19588
- **Histologic safety of transcranial focused ultrasound neuromodulation and magnetic resonance acoustic radiation force imaging in rhesus macaques and sheep.** *Brain stimulation*
Gaur, P., Casey, K. M., Kubanek, J., Li, N., Mohammadjavadi, M., Saenz, Y., Glover, G. H., Bouley, D. M., Pauly, K. B.
2020; 13 (3): 804–14
- **Multimodality Hyperpolarized C-13 MRS/PET/Multiparametric MR Imaging for Detection and Image-Guided Biopsy of Prostate Cancer: First Experience in a Canine Prostate Cancer Model** *MOLECULAR IMAGING AND BIOLOGY*
Bachawal, S. V., Park, J., Valluru, K. S., Loft, M., Felt, S. A., Vilches-Moure, J. G., Saenz, Y. F., Daniel, B., Iagaru, A., Sonn, G., Cheng, Z., Spielman, D. M., Willmann, et al
2019; 21 (5): 861–70
- **Tails of an Indian Safari**
Saenz, Y.
Blurb.2019; 1
- **An intravascular magnetic wire for the high-throughput retrieval of circulating tumour cells in vivo** *NATURE BIOMEDICAL ENGINEERING*
Vermesh, O., Aalipour, A., Ge, T., Saenz, Y., Guo, Y., Alam, I. S., Park, S., Adelson, C. N., Mitsutake, Y., Vilches-Moure, J., Godoy, E., Bachmann, M. H., Ooi, et al
2018; 2 (9): 696–705
- **Reduction of Muscle Contractions during Irreversible Electroporation Therapy Using High Frequency Bursts of Alternating Polarity Pulses: A Laboratory Investigation in an Ex Vivo Swine Model** *Journal of Vascular and Interventional Radiology*
Sano, M. B., Fan, R. E., Chenga, K., Saenz, Y., Sonn, G. A., Hwang, G. L., Xinga, L.
2018
- **Anatomical Road Mapping Using CT and MR Enterography for Ultrasound Molecular Imaging of Small Bowel Inflammation in Swine.** *European radiology*
Wang, H. n., Felt, S. A., Guracar, I. n., Taviani, V. n., Zhou, J. n., Sigrist, R. M., Zhang, H. n., Liau, J. n., Vilches-Moure, J. G., Tian, L. n., Saenz, Y. n., Bettinger, T. n., Hargreaves, et al
2018; 28 (5): 2068–76
- **Natural Wonders of East Africa**
Saenz, Y.
Blurb.2018; 1
- **Dynamic Measurement of Arterial Liver Perfusion With an Interventional C-Arm System.** *Investigative radiology*
Datta, S., Müller, K., Moore, T., Molvin, L., Gehrisch, S., Rosenberg, J., Saenz, Y., Manhart, M., Deuerling-Zheng, Y., Kothary, N., Fahrig, R.
2017
- **Anatomical Road Mapping Using CT and MR Enterography for Ultrasound Molecular Imaging of Small Bowel Inflammation in Swine** *European Radiology*
Wang, H., Felt, S., Guaracar, I., Taviani, V., Zhou, J., Sigrist, R., Zhang, H., Liau, J., Vilches-Moure, J., Tian, L., Sáenz, Y., Bettinger, T., Hargreaves, et al

2017: 1-9

- **Nature Photography in the Land of the Incas**
Sáenz, Y.
Blurb.2017
- **Ecuador's Magical Birding Circuit.**
Sáenz, Y.
Blurb.2016; 1
- **Jewels of the Pantanal and the Brazilian Atlantic Forest.**
Sáenz, Y.
Blurb.2016
- **Wild Faces of Southern Africa.**
Sáenz, Y.
Blurb.2016
- **Costa Rica: Nature Photography in the Land of Pure Life.**
Sáenz, Y.
Blurb.2015; 1
- **The Birds of California**
Saenz, Y.
Blurb.2015
- **Memorias de un Héroe Llamado Guardaparques**
Saenz, Y.
Blurb.2006
- **Endoscopic selective neck dissection in a porcine model** *ARCHIVES OF OTOLARYNGOLOGY-HEAD & NECK SURGERY*
Terris, D. J., Monfared, A., Thomas, A., Kambham, N., Saenz, Y.
2003; 129 (6): 613-617
- **A porcine model for endolaparoscopic abdominal aortic repair and endoscopic training.** *JLS : Journal of the Society of Laparoendoscopic Surgeons / Society of Laparoendoscopic Surgeons*
Martinez, B. D., Zarins, C. K., Daunt, D. A., Coleman, L. A., Saenz, Y., Fogarty, T. J., Hermann, G. D., Nezhat, C. R., Olsen, E. K.
2003; 7 (2): 129-136
- **Histology findings of disc, end plate and neural elements after coblation of nucleus pulposus: an experimental study** *The Spine Journal* 3(6)
Chen, Y., Lee, S., Sáenz, Y., Lehman, N.
2003; 3 (6): 466-470.
- **Mucus secretion from single submucosal glands of pig - Stimulation by carbachol and vasoactive intestinal peptide** *JOURNAL OF BIOLOGICAL CHEMISTRY*
Joo, N. S., Saenz, Y., Krouse, M. E., Wine, J. J.
2002; 277 (31): 28167-28175
- **Endoscopic resection of the submandibular gland in a porcine model** *LARYNGOSCOPE*
Monfared, A., Saenz, Y., Terris, D. J.
2002; 112 (6): 1089-1093
- **Endoscopic and robotic surgery in the neck: Experimental and clinical applications** *Operative Techniques in Otolaryngology—Head and Neck Surgery*
Terris, D. J., Hauss, B., Lee, D., Sáenz, Y.
2002; 13 (3): 231-238
- **Comparison of the da Vinci robotic surgical system to standard laparoscopic technique in porcine pyeloplasty: an examination of anastomotic efficiency.** *Journal of Urology*
Kaynan, A. M., Sáenz, Y., Gill, H., Winfield, H. N.
2002; 167 (4)

- **Optical method for quantifying rates of mucus secretion from single submucosal glands** *AMERICAN JOURNAL OF PHYSIOLOGY-LUNG CELLULAR AND MOLECULAR PHYSIOLOGY*
Joo, N. S., Wu, J. V., Krouse, M. E., Saenz, Y., Wine, J. J.
2001; 281 (2): L458-L468
- **HCO₃⁻ transport in relation to mucus secretion from submucosal glands.** *JOP : Journal of the pancreas*
Joo, N. S., Krouse, M. E., Wu, J. V., Saenz, Y., Jayaraman, S., Verkman, A. S., Wine, J. J.
2001; 2 (4): 280-284
- **Pharmacology of mucus secretion by single submucosal glands of the pig.** *Pediatric Pulmonology*
Joo, N. S., Krouse, M., Wu, J., Sáenz, Y., Wine, J. J.
2001; 22 (145): 1
- **Anesthetic management for laparoscopic aortic surgery in a porcine model.** *Contemporary Topics by the American Association for Laboratory Animal Science*
Daunt, D., Martinez, B., Zarins, C., Sáenz, Y., Coleman, L., Young, L., Nelson, G., Bagley, L., DeiRossi, M., Bruce, M.
2000; 39 (4)
- **Mucus secretion from individual tracheal submucosal glands from sheep.** *Pediatric Pulmonology*
Joo, N. S., Sáenz, Y., Krouse, M., Wu, J., Wine, J. J.
2000: 121