

Stanford



Yasser Gidi

Postdoctoral Scholar, Radiology

Bio

PROFESSIONAL EDUCATION

- Licenciado, Universidad De Chile (2011)
- Doctor of Philosophy, McGill University (2020)
- Ph.D., McGill University, Chemistry, Chemical Biology, Biophysics (2020)
- B. Sc., University of Chile, Chemistry (2011)

STANFORD ADVISORS

- H. Tom Soh, Postdoctoral Faculty Sponsor

Publications

PUBLICATIONS

- **Fluorescence-Amplified Detection of Redox Turnovers in Supported Lipid Bilayers Illuminates Redox Processes of alpha-Tocopherol.** *ACS applied materials & interfaces*
Sakaya, A., Durantini, A. M., Gidi, Y., Sverko, T., Wieczny, V., McCain, J., Cosa, G.
2022; 14 (11): 13872-13882
- **Unifying Mechanism for Thiol-Induced Photoswitching and Photostability of Cyanine Dyes** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*
Gidi, Y., Payne, L., Glembockyte, V., Michie, M. S., Schnermann, M. J., Cosa, G.
2020; 142 (29): 12681-89
- **Hepatitis C Virus Helicase Binding Activity Monitored through Site-Specific Labeling Using an Expanded Genetic Code** *ACS INFECTIOUS DISEASES*
Ablenas, C. J., Gidi, Y., Powdrill, M. H., Ahmed, N., Shaw, T. A., Mesko, M., Gotte, M., Cosa, G., Pezacki, J.
2019; 5 (12): 2118-26
- **A High-Throughput Image Correlation Method for Rapid Analysis of Fluorophore Photoblinking and Photobleaching Rates** *ACS NANO*
Sehayek, S., Gidi, Y., Glembockyte, V., Brandao, H. B., Francois, P., Cosa, G., Wiseman, P. W.
2019; 13 (10): 11955-66
- **Efficient One-Step PEG-Silane Passivation of Glass Surfaces for Single-Molecule Fluorescence Studies** *ACS APPLIED MATERIALS & INTERFACES*
Gidi, Y., Bayram, S., Ablenas, C. J., Blum, A., Cosa, G.
2018; 10 (46): 39505-11
- **Intense White Molecular Fluorescence from Naphthoxazole-Quinoline Derivatives** *PHOTOCHEMISTRY AND PHOTOBIOLOGY*
Zanocco, R. P., Valdebenito, S., Gidi, Y., Zapata-Torres, G., Lemp, E., Nonell, S., Zanocco, A. L.
2018; 94 (6): 1092-99
- **Tris-N-Nitrilotriacetic Acid Fluorophore as a Self-Healing Dye for Single-Molecule Fluorescence Imaging** *JOURNAL OF THE AMERICAN CHEMICAL SOCIETY*

Glembocyste, V., Wieneke, R., Gatterdam, K., Gidi, Y., Tampe, R., Cosa, G.

2018; 140 (35): 11006–12

- **DNA Nanotubes with Hydrophobic Environments: Toward New Platforms for Guest Encapsulation and Cellular Delivery** *ADVANCED HEALTHCARE MATERIALS*

Rahbani, J. F., Vengut-Climent, E., Chidchob, P., Gidi, Y., Tuan Trinh, Cosa, G., Sleiman, H. F.

2018; 7 (6): e1701049

- **Conformational Changes Spanning Angstroms to Nanometers via a Combined Protein-Induced Fluorescence Enhancement-Forster Resonance Energy Transfer Method** *JOURNAL OF PHYSICAL CHEMISTRY B*

Gidi, Y., Goette, M., Cosa, G.

2017; 121 (9): 2039–48

- **Stepwise growth of surface-grafted DNA nanotubes visualized at the single-molecule level** *NATURE CHEMISTRY*

Hariri, A. A., Hamblin, G. D., Gidi, Y., Sleiman, H. F., Cosa, G.

2015; 7 (4): 295–300

- **Naphthoxazole-Based Singlet Oxygen Fluorescent Probes** *PHOTOCHEMISTRY AND PHOTOBIOLOGY*

Ruiz-Gonzalez, R., Zanooco, R., Gidi, Y., Zanooco, A. L., Nonell, S., Lemp, E.

2013; 89 (6): 1427–32