

# Greggy M Santos

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5194236/publications.pdf>

Version: 2024-02-01

22  
papers

415  
citations

840776

11  
h-index

1199594

12  
g-index

22  
all docs

22  
docs citations

22  
times ranked

588  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Investigation of Thermal Properties of Graphene-Coated Membranes by Laser Irradiation to Remove Biofoulants. <i>Environmental Science &amp; Technology</i> , 2019, 53, 903-911.                     | 10.0 | 11        |
| 2  | Photothermal inactivation of heat-resistant bacteria on nanoporous gold disk arrays. <i>Optical Materials Express</i> , 2016, 6, 1217.  | 3.0  | 53        |
| 3  | Photothermal generation of microbubbles on plasmonic nanostructures inside microfluidic channels. <i>Proceedings of SPIE</i> , 2016, , .  | 0.8  | 0         |
| 4  | Simultaneous Chemical and Refractive Index Sensing in the 1.5–2.5 $\mu$ m Near-Infrared Wavelength Range on Nanoporous Gold Disks. <i>Nano Letters</i> , 2016, 16, 4641-4647.                       | 9.1  | 72        |
| 5  | Plasmonic biosensor for label-free G-quadruplexes detection. , 2016, , .  |      | 0         |
| 6  | Photothermal inactivation of bacteria on plasmonic nanostructures. <i>Proceedings of SPIE</i> , 2016, , .   | 0.8  | 1         |
| 7  | Roles of oxygen for methanol adsorption on polycrystalline copper surface revealed by sum frequency generation imaging microscopy. <i>Surface Science</i> , 2016, 648, 35-41.                       | 1.9  | 15        |
| 8  | Raman and surface-enhanced Raman spectroscopy for renal condition monitoring. <i>Proceedings of SPIE</i> , 2016, , .  | 0.8  | 0         |
| 9  | Label-free, zeptomole cancer biomarker detection by surface-enhanced fluorescence on nanoporous gold disk plasmonic nanoparticles. <i>Journal of Biophotonics</i> , 2015, 8, 855-863.               | 2.3  | 44        |
| 10 | Raman spectroscopy complements optical coherent tomography in tissue classification and cancer detection. , 2015, , .   |      | 1         |
| 11 | Label-free monitoring of individual DNA hybridization using SERS. <i>Proceedings of SPIE</i> , 2015, , .  | 0.8  | 0         |
| 12 | Monolithic nanoporous gold disks with large surface area and high-density plasmonic hot-spots. <i>Proceedings of SPIE</i> , 2015, , .   | 0.8  | 0         |
| 13 | Stamping SERS for creatinine sensing. <i>Proceedings of SPIE</i> , 2015, , .  | 0.8  | 0         |
| 14 | Monolithically integrated microfluidic nanoporous gold disk (NPGD) surface-enhanced Raman scattering (SERS) sensor for rapid and label-free biomolecular detection. , 2015, , .                     |      | 0         |
| 15 | Label-free, multiplexed, molecular sensing and imaging by stamping SERS. , 2015, , .  |      | 0         |
| 16 | Photothermal light harvesting and light-gated molecular release by nanoporous gold disks. , 2015, , .   |      | 0         |
| 17 | In situ patterning of hierarchical nanoporous gold structures by in-plane dealloying. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , 2015, 194, 34-40. | 3.5  | 15        |
| 18 | Laser rapid thermal annealing enables tunable plasmonics in nanoporous gold nanoparticles. <i>Nanoscale</i> , 2014, 6, 12470-12475.   | 5.6  | 62        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Characterization of nanoporous gold disks for photothermal light harvesting and light-gated molecular release. <i>Nanoscale</i> , 2014, 6, 5718-5724.   | 5.6 | 88        |
| 20 | Monitoring Localized Initial Atmospheric Corrosion of Alkanethiol-Covered Copper Using Sum Frequency Generation Imaging Microscopy: Relation between Monolayer Properties and Cu <sub>2</sub> O Formation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 17591-17602. | 3.1 | 19        |
| 21 | Image Contrast in Sum Frequency Generation Microscopy Based on Monolayer Order and Coverage. <i>Journal of Physical Chemistry C</i> , 2013, 117, 15192-15202.   | 3.1 | 23        |
| 22 | Scale Dependence of the Orientation and Conformation Distribution Analysis of a Molecular Monolayer Using Sum Frequency Generation Imaging Microscopy. <i>Journal of Physical Chemistry C</i> , 2012, 116, 25874-25887.   | 3.1 | 11        |