

# Greggy M Santos

## List of Publications by Year in descending order

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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	Characterization of nanoporous gold disks for photothermal light harvesting and light-gated molecular release. <i>Nanoscale</i> , 2014, 6, 5718-5724.	5.6	88
2	Simultaneous Chemical and Refractive Index Sensing in the 1.5–2.5 $\mu\text{m}$ Near-Infrared Wavelength Range on Nanoporous Gold Disks. <i>Nano Letters</i> , 2016, 16, 4641-4647.	9.1	72
3	Laser rapid thermal annealing enables tunable plasmonics in nanoporous gold nanoparticles. <i>Nanoscale</i> , 2014, 6, 12470-12475.	5.6	62
4	Photothermal inactivation of heat-resistant bacteria on nanoporous gold disk arrays. <i>Optical Materials Express</i> , 2016, 6, 1217.	3.0	53
5	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
6	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
7	Monitoring Localized Initial Atmospheric Corrosion of Alkanethiol-Covered Copper Using Sum Frequency Generation Imaging Microscopy: Relation between Monolayer Properties and $\text{Cu}_2\text{O}$ Formation. <i>Journal of Physical Chemistry C</i> , 2013, 117, 17591-17602.	3.1	19
8	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
9	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
10	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
11	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
12	Raman spectroscopy complements optical coherent tomography in tissue classification and cancer detection. , 2015, , .		1
13	Photothermal inactivation of bacteria on plasmonic nanostructures. <i>Proceedings of SPIE</i> , 2016, , .	0.8	1
14	Label-free monitoring of individual DNA hybridization using SERS. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
15	Monolithic nanoporous gold disks with large surface area and high-density plasmonic hot-spots. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
16	Stamping SERS for creatinine sensing. <i>Proceedings of SPIE</i> , 2015, , .	0.8	0
17	Monolithically integrated microfluidic nanoporous gold disk (NPGD) surface-enhanced Raman scattering (SERS) sensor for rapid and label-free biomolecular detection. , 2015, , .		0
18	Label-free, multiplexed, molecular sensing and imaging by stamping SERS. , 2015, , .		0

#	ARTICLE	IF	CITATIONS
19	Photothermal light harvesting and light-gated molecular release by nanoporous gold disks. , 2015, , .		0
20	Photothermal generation of microbubbles on plasmonic nanostructures inside microfluidic channels. Proceedings of SPIE, 2016, , .	0.8	0
21	Plasmonic biosensor for label-free G-quadruplexes detection. , 2016, , .		0
22	Raman and surface-enhanced Raman spectroscopy for renal condition monitoring. Proceedings of SPIE, 2016, , .	0.8	0