

# Lauren A Austin

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10902657/publications.pdf>

Version: 2024-02-01

21  
papers

1,832  
citations

567281

15  
h-index

794594

19  
g-index

21  
all docs

21  
docs citations

21  
times ranked

3788  
citing authors

| #  | ARTICLE  | IF   | CITATIONS |
|----|--|------|-----------|
| 1  | Plasmonic Nanoparticle-Based Digital Cytometry to Quantify MUC16 Binding on the Surface of Leukocytes in Ovarian Cancer. <i>ACS Sensors</i> , 2020, 5, 2772-2782.  | 7.8  | 10        |
| 2  | Longitudinal monitoring of cancer cell subpopulations in monolayers, 3D spheroids, and xenografts using the photoconvertible dye DiR. <i>Scientific Reports</i> , 2019, 9, 5713.                             | 3.3  | 4         |
| 3  | Gold nanoparticles for cancer diagnostics, spectroscopic imaging, drug delivery, and plasmonic photothermal therapy. , 2018, , 41-91.  |      | 10        |
| 4  | EtNBS in Photodynamic Therapy. , 2016, , 365-399.  |      | 2         |
| 5  | Raman technologies in cancer diagnostics. <i>Analyst, The</i> , 2016, 141, 476-503.  | 3.5  | 151       |
| 6  | Probing molecular cell event dynamics at the single-cell level with targeted plasmonic gold nanoparticles: A review. <i>Nano Today</i> , 2015, 10, 542-558.  | 11.9 | 76        |
| 7  | Cytotoxic effects of cytoplasmic-targeted and nuclear-targeted gold and silver nanoparticles in HSC-3 cells " A mechanistic study. <i>Toxicology in Vitro</i> , 2015, 29, 694-705.                           | 2.4  | 26        |
| 8  | Observing Real-Time Molecular Event Dynamics of Apoptosis in Living Cancer Cells using Nuclear-Targeted Plasmonically Enhanced Raman Nanoprobes. <i>ACS Nano</i> , 2014, 8, 4883-4892.                       | 14.6 | 138       |
| 9  | The Most Effective Gold Nanorod Size for Plasmonic Photothermal Therapy: Theory and <i>In Vitro</i> Experiments. <i>Journal of Physical Chemistry B</i> , 2014, 118, 1319-1326.                              | 2.6  | 315       |
| 10 | XAV939: From a Small Inhibitor to a Potent Drug Bioconjugate When Delivered by Gold Nanoparticles. <i>Bioconjugate Chemistry</i> , 2014, 25, 207-215.  | 3.6  | 28        |
| 11 | Determining Drug Efficacy Using Plasmonically Enhanced Imaging of the Morphological Changes of Cells upon Death. <i>Journal of Physical Chemistry Letters</i> , 2014, 5, 3514-3518.                          | 4.6  | 4         |
| 12 | "Glycoprotein"Dependent Trafficking of Nanoparticle"Drug Conjugates. <i>Small</i> , 2014, 10, 1719-1723.   | 10.0 | 15        |
| 13 | The optical, photothermal, and facile surface chemical properties of gold and silver nanoparticles in biodiagnostics, therapy, and drug delivery. <i>Archives of Toxicology</i> , 2014, 88, 1391-1417.       | 4.2  | 347       |
| 14 | Plasmonic enhancement of photodynamic cancer therapy. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 269, 34-41.   | 3.9  | 31        |
| 15 | Exploiting the Nanoparticle Plasmon Effect: Observing Drug Delivery Dynamics in Single Cells <i>via</i> Raman/Fluorescence Imaging Spectroscopy. <i>ACS Nano</i> , 2013, 7, 7420-7427.                       | 14.6 | 153       |
| 16 | A New Nanotechnology Technique for Determining Drug Efficacy Using Targeted Plasmonically Enhanced Single Cell Imaging Spectroscopy. <i>Journal of the American Chemical Society</i> , 2013, 135, 4688-4691. | 13.7 | 70        |
| 17 | Antiandrogen Gold Nanoparticles Dual-Target and Overcome Treatment Resistance in Hormone-Insensitive Prostate Cancer Cells. <i>Bioconjugate Chemistry</i> , 2012, 23, 1507-1512.                             | 3.6  | 68        |
| 18 | Real-Time Molecular Imaging throughout the Entire Cell Cycle by Targeted Plasmonic-Enhanced Rayleigh/Raman Spectroscopy. <i>Nano Letters</i> , 2012, 12, 5369-5375.  | 9.1  | 102       |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | Small Moleculeâ€“Gold Nanorod Conjugates Selectively Target and Induce Macrophage Cytotoxicity towards Breast Cancer Cells. <i>Small</i> , 2012, 8, 2819-2822.  | 10.0 | 74        |
| 20 | Plasmonic Imaging of Human Oral Cancer Cell Communities during Programmed Cell Death by Nuclear-Targeting Silver Nanoparticles. <i>Journal of the American Chemical Society</i> , 2011, 133, 17594-17597. | 13.7 | 113       |
| 21 | Nuclear Targeted Silver Nanospheres Perturb the Cancer Cell Cycle Differently than Those of Nanogold. <i>Bioconjugate Chemistry</i> , 2011, 22, 2324-2331.  | 3.6  | 95        |