

# Alana F Ogata

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11920255/publications.pdf>

Version: 2024-02-01

22  
papers

933  
citations

686830

13  
h-index

676716

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

1749  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Multisystem inflammatory syndrome in children is driven by zonulin-dependent loss of gut mucosal barrier. <i>Journal of Clinical Investigation</i> , 2021, 131, .   | 3.9  | 170       |
| 2  | Circulating Severe Acute Respiratory Syndrome Coronavirus 2 (SARS-CoV-2) Vaccine Antigen Detected in the Plasma of mRNA-1273 Vaccine Recipients. <i>Clinical Infectious Diseases</i> , 2022, 74, 715-718.     | 2.9  | 141       |
| 3  | Ultra-Sensitive Serial Profiling of SARS-CoV-2 Antigens and Antibodies in Plasma to Understand Disease Progression in COVID-19 Patients with Severe Disease. <i>Clinical Chemistry</i> , 2020, 66, 1562-1572. | 1.5  | 134       |
| 4  | Ultrasensitive high-resolution profiling of early seroconversion in patients with COVID-19. <i>Nature Biomedical Engineering</i> , 2020, 4, 1180-1187.  | 11.6 | 110       |
| 5  | Hollow Pd@Ag Composite Nanowires for Fast Responding and Transparent Hydrogen Sensors. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 39464-39474.  | 4.0  | 82        |
| 6  | Direct Observation of Amorphous Precursor Phases in the Nucleation of Protein@Metal@Organic Frameworks. <i>Journal of the American Chemical Society</i> , 2020, 142, 1433-1442.                               | 6.6  | 79        |
| 7  | Virus-Enabled Biosensor for Human Serum Albumin. <i>Analytical Chemistry</i> , 2017, 89, 1373-1381.   | 3.2  | 36        |
| 8  | Ultrasensitive Detection of Enzymatic Activity Using Single Molecule Arrays. <i>Journal of the American Chemical Society</i> , 2020, 142, 15098-15106.  | 6.6  | 27        |
| 9  | Dispersive Electron-Transfer Kinetics from Single Molecules on TiO <sub>2</sub> Nanoparticle Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21075-21085.  | 1.5  | 26        |
| 10 | The Virus Bioresistor: Wiring Virus Particles for the Direct, Label-Free Detection of Target Proteins. <i>Nano Letters</i> , 2018, 18, 3623-3629.   | 4.5  | 20        |
| 11 | Virus Bioresistor (VBR) for Detection of Bladder Cancer Marker DJ-1 in Urine at 10 pM in One Minute. <i>Analytical Chemistry</i> , 2020, 92, 6654-6666.   | 3.2  | 19        |
| 12 | Contributions from Excited-State Proton and Electron Transfer to the Blinking and Photobleaching Dynamics of Alizarin and Purpurin. <i>Journal of Physical Chemistry C</i> , 2017, 121, 97-106.               | 1.5  | 17        |
| 13 | Electrophoretic Deposition of Mesoporous Niobium(V)Oxide Nanoscopic Films. <i>Chemistry of Materials</i> , 2018, 30, 6549-6558.   | 3.2  | 16        |
| 14 | An Impedance-Transduced Chemiresistor with a Porous Carbon Channel for Rapid, Nonenzymatic, Glucose Sensing. <i>Analytical Chemistry</i> , 2018, 90, 9338-9346.   | 3.2  | 13        |
| 15 | Sequential Protein Capture in Multiplex Single Molecule Arrays: A Strategy for Eliminating Assay Cross-Reactivity. <i>Advanced Healthcare Materials</i> , 2021, 10, e2001111.                                 | 3.9  | 13        |
| 16 | Collateral Advantages of a Gel Electrolyte for MnO <sub>2</sub> Nanowire Capacitors: Higher Voltage and Reduced Volume. <i>ACS Energy Letters</i> , 2017, 2, 1162-1169.                                       | 8.8  | 11        |
| 17 | Single-molecule studies reveal method for tuning the heterogeneous activity of alkaline phosphatase. <i>Biophysical Journal</i> , 2022, 121, 2027-2034.   | 0.2  | 6         |
| 18 | Single-Molecule Enzymology for Diagnostics: Profiling Alkaline Phosphatase Activity in Clinical Samples. <i>ChemBioChem</i> , 2022, 23, .   | 1.3  | 4         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Supercharging a MnO <sub>2</sub> Nanowire: An Amine-Altered Morphology Retains Capacity at High Rates and Mass Loadings. Langmuir, 2017, 33, 9324-9332. | 1.6 | 3         |
| 20 | Revealing Nonclassical Nucleation Pathways Using Cryogenic Electron Microscopy. ACS Symposium Series, 2020, , 147-200.                                  | 0.5 | 3         |
| 21 | Rapid, Wet Chemical Fabrication of Radial Junction Electroluminescent Wires. ACS Applied Materials & Interfaces, 2018, 10, 35344-35353.                 | 4.0 | 2         |
| 22 | Coronavirus antigens as targets of antibody responses. Clinics in Laboratory Medicine, 2021, 42, 97-109.  | 0.7 | 1         |