

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	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
2	Single-molecule Enzymology for Diagnostics: Profiling Alkaline Phosphatase Activity in Clinical Samples. <i>ChemBioChem</i> , 2022, 23, .	1.3	4
3	Single-molecule studies reveal method for tuning the heterogeneous activity of alkaline phosphatase. <i>Biophysical Journal</i> , 2022, 121, 2027-2034.	0.2	6
4	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
5	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
6	Coronavirus antigens as targets of antibody responses. <i>Clinics in Laboratory Medicine</i> , 2021, 42, 97-109.	0.7	1
7	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
8	Revealing Nonclassical Nucleation Pathways Using Cryogenic Electron Microscopy. <i>ACS Symposium Series</i> , 2020, , 147-200.	0.5	3
9	Ultrasensitive Detection of Enzymatic Activity Using Single Molecule Arrays. <i>Journal of the American Chemical Society</i> , 2020, 142, 15098-15106.	6.6	27
10	Ultrasensitive high-resolution profiling of early seroconversion in patients with COVID-19. <i>Nature Biomedical Engineering</i> , 2020, 4, 1180-1187.	11.6	110
11	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
12	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
13	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
14	Rapid, Wet Chemical Fabrication of Radial Junction Electroluminescent Wires. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 35344-35353.	4.0	2
15	Electrophoretic Deposition of Mesoporous Niobium(V)Oxide Nanoscopic Films. <i>Chemistry of Materials</i> , 2018, 30, 6549-6558.	3.2	16
16	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
17	Collateral Advantages of a Gel Electrolyte for MnO ₂ Nanowire Capacitors: Higher Voltage and Reduced Volume. <i>ACS Energy Letters</i> , 2017, 2, 1162-1169.	8.8	11
18	Supercharging a MnO ₂ Nanowire: An Amine-Altered Morphology Retains Capacity at High Rates and Mass Loadings. <i>Langmuir</i> , 2017, 33, 9324-9332.	1.6	3

#	ARTICLE	IF	CITATIONS
19	Virus-Enabled Biosensor for Human Serum Albumin. <i>Analytical Chemistry</i> , 2017, 89, 1373-1381.	3.2	36
20	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
21	Hollow Pd@Ag Composite Nanowires for Fast Responding and Transparent Hydrogen Sensors. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 39464-39474.	4.0	82
22	Dispersive Electron-Transfer Kinetics from Single Molecules on TiO ₂ Nanoparticle Films. <i>Journal of Physical Chemistry C</i> , 2013, 117, 21075-21085.	1.5	26