

Tianyu Zheng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11427904/publications.pdf>

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11
papers

446
citations

1307594

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times ranked

848
citing authors

#	ARTICLE	IF	CITATIONS
1	Techniques for Accurate Sizing of Gold Nanoparticles Using Dynamic Light Scattering with Particular Application to Chemical and Biological Sensing Based on Aggregate Formation. ACS Applied Materials & Interfaces, 2016, 8, 21585-21594.	8.0	193
2	Gold Nanoparticle-Enabled Blood Test for Early Stage Cancer Detection and Risk Assessment. ACS Applied Materials & Interfaces, 2015, 7, 6819-6827.	8.0	125
3	Inhibition of Cholera Toxin and Other AB Toxins by Polyphenolic Compounds. PLoS ONE, 2016, 11, e0166477.	2.5	32
4	A simple and fast method to study the hydrodynamic size difference of protein disulfide isomerase in oxidized and reduced form using gold nanoparticles and dynamic light scattering. Analyst, The, 2016, 141, 934-938.	3.5	28
5	A Rapid Blood Test To Determine the Active Status and Duration of Acute Viral Infection. ACS Infectious Diseases, 2017, 3, 866-873.	3.8	26
6	A Single-Step Gold Nanoparticle-Blood Serum Interaction Assay Reveals Humoral Immunity Development and Immune Status of Animals from Neonates to Adults. ACS Infectious Diseases, 2019, 5, 228-238.	3.8	13
7	A nanoparticle pseudo pathogen for rapid detection and diagnosis of virus infection. Sensors International, 2020, 1, 100010.	8.4	8
8	Acetylcholine and acetylcholinesterase inhibitors detection using gold nanoparticles coupled with dynamic light scattering. Sensors International, 2020, 1, 100007.	8.4	7
9	Linear self-assembly formation between gold nanoparticles and aminoglycoside antibiotics. Colloids and Surfaces B: Biointerfaces, 2018, 164, 185-191.	5.0	6
10	A rapid blood test to monitor immunity shift during pregnancy and potential application for animal health management. Sensors International, 2020, 1, 100009.	8.4	6
11	A 1-minute blood test detects decreased immune function and increased clinical risk in COVID-19 patients. Scientific Reports, 2021, 11, 23491.	3.3	2