

# Tian A Qiu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5867469/publications.pdf>

Version: 2024-02-01

18  
papers

663  
citations

686830

13  
h-index

839053

18  
g-index

18  
all docs

18  
docs citations

18  
times ranked

1266  
citing authors

#	ARTICLE	IF	CITATIONS
1	Impacts of gold nanoparticle charge and ligand type on surface binding and toxicity to Gram-negative and Gram-positive bacteria. <i>Chemical Science</i> , 2015, 6, 5186-5196.	3.7	203
2	Investigation of phosphorous doping effects on polymeric carbon dots: Fluorescence, photostability, and environmental impact. <i>Carbon</i> , 2018, 129, 438-449.	5.4	115
3	Lipid Corona Formation from Nanoparticle Interactions with Bilayers. <i>CheM</i> , 2018, 4, 2709-2723.	5.8	46
4	Growth-Based Bacterial Viability Assay for Interference-Free and High-Throughput Toxicity Screening of Nanomaterials. <i>Analytical Chemistry</i> , 2017, 89, 2057-2064.	3.2	45
5	Gene expression as an indicator of the molecular response and toxicity in the bacterium <i>Shewanella oneidensis</i> and the water flea <i>Daphnia magna</i> exposed to functionalized gold nanoparticles. <i>Environmental Science: Nano</i> , 2015, 2, 615-629.	2.2	38
6	Linking nanomaterial properties to biological outcomes: analytical chemistry challenges in nanotoxicology for the next decade. <i>Chemical Communications</i> , 2018, 54, 12787-12803.	2.2	33
7	Quantification of Free Polyelectrolytes Present in Colloidal Suspension, Revealing a Source of Toxic Responses for Polyelectrolyte-Wrapped Gold Nanoparticles. <i>Analytical Chemistry</i> , 2017, 89, 1823-1830.	3.2	29
8	d-Alanine: Distribution, origin, physiological relevance, and implications in disease. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2020, 1868, 140482.	1.1	27
9	Release, detection and toxicity of fragments generated during artificial accelerated weathering of CdSe/ZnS and CdSe quantum dot polymer composites. <i>Environmental Science: Nano</i> , 2018, 5, 1694-1710.	2.2	19
10	Research highlights: applications of life-cycle assessment as a tool for characterizing environmental impacts of engineered nanomaterials. <i>Environmental Science: Nano</i> , 2017, 4, 276-281.	2.2	17
11	Research highlights: investigating the role of nanoparticle surface charge in nano-bio interactions. <i>Environmental Science: Nano</i> , 2017, 4, 741-746.	2.2	17
12	Research highlights: unveiling the mechanisms underlying nanoparticle-induced ROS generation and oxidative stress. <i>Environmental Science: Nano</i> , 2016, 3, 940-945.	2.2	15
13	A mechanistic study of TiO <sub>2</sub> nanoparticle toxicity on <i>Shewanella oneidensis</i> MR-1 with UV-containing simulated solar irradiation: Bacterial growth, riboflavin secretion, and gene expression. <i>Chemosphere</i> , 2017, 168, 1158-1168.	4.2	14
14	Structure-Property Relationships of Amine-rich and Membrane-Disruptive Poly(oxonorborene)-Coated Gold Nanoparticles. <i>Langmuir</i> , 2018, 34, 4614-4625.	1.6	13
15	Super-resolution imaging for monitoring cytoskeleton dynamics. <i>Analyst</i> , 2016, 141, 5674-5688.	1.7	10
16	Cobalt Release from a Nanoscale Multiphase Lithiated Cobalt Phosphate Dominates Interaction with <i>Shewanella oneidensis</i> MR-1 and <i>Bacillus subtilis</i> SB491. <i>Chemical Research in Toxicology</i> , 2020, 33, 806-816.	1.7	9
17	Nanoscale battery cathode materials induce DNA damage in bacteria. <i>Chemical Science</i> , 2020, 11, 11244-11258.	3.7	8
18	Profiling of d-alanine production by the microbial isolates of rat gut microbiota. <i>FASEB Journal</i> , 2022, 36, .	0.2	5