

# Qun Huo

## List of Publications by Year in descending order

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Version: 2024-02-01

33  
papers

3,337  
citations

331670  
21  
h-index

395702  
33  
g-index

37  
all docs

37  
docs citations

37  
times ranked

5386  
citing authors

#	ARTICLE	IF	CITATIONS
1	A rapid blood test to monitor the immune status change of dairy cows and to evaluate their disease risk during the periparturient period. <i>Sensors International</i> , 2021, 2, 100078.	8.4	2
2	A 1-minute blood test detects decreased immune function and increased clinical risk in COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 23491.	3.3	2
3	A nanoparticle pseudo pathogen for rapid detection and diagnosis of virus infection. <i>Sensors International</i> , 2020, 1, 100010.	8.4	8
4	A rapid blood test to monitor immunity shift during pregnancy and potential application for animal health management. <i>Sensors International</i> , 2020, 1, 100009.	8.4	6
5	A Single-Step Gold Nanoparticle“Blood Serum Interaction Assay Reveals Humoral Immunity Development and Immune Status of Animals from Neonates to Adults. <i>ACS Infectious Diseases</i> , 2019, 5, 228-238.	3.8	13
6	Linear self-assembly formation between gold nanoparticles and aminoglycoside antibiotics. <i>Colloids and Surfaces B: Biointerfaces</i> , 2018, 164, 185-191.	5.0	6
7	A Rapid Blood Test To Determine the Active Status and Duration of Acute Viral Infection. <i>ACS Infectious Diseases</i> , 2017, 3, 866-873.	3.8	26
8	Techniques for Accurate Sizing of Gold Nanoparticles Using Dynamic Light Scattering with Particular Application to Chemical and Biological Sensing Based on Aggregate Formation. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 21585-21594.	8.0	193
9	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. <i>Analyst, The</i> , 2016, 141, 934-938.	3.5	28
10	Inhibition of Cholera Toxin and Other AB Toxins by Polyphenolic Compounds. <i>PLoS ONE</i> , 2016, 11, e0166477.	2.5	32
11	Dynamic Light Scattering Coupled with Gold Nanoparticle Probes as a Powerful Sensing Technique for Chemical and Biological Target Detection. <i>ACS Symposium Series</i> , 2015, , 157-179.	0.5	6
12	Gold Nanoparticle-Enabled Blood Test for Early Stage Cancer Detection and Risk Assessment. <i>ACS Applied Materials &amp; Interfaces</i> , 2015, 7, 6819-6827.	8.0	125
13	Predicting detection limits of enzyme-linked immunosorbent assay (ELISA) and bioanalytical techniques in general. <i>Analyst, The</i> , 2014, 139, 439-445.	3.5	169
14	Different Interaction Modes of Biomolecules with Citrate-Capped Gold Nanoparticles. <i>ACS Applied Materials &amp; Interfaces</i> , 2014, 6, 21184-21192.	8.0	67
15	Smooth surface roughness of silanized CdSe(ZnS) quantum dots. <i>Journal of Colloid and Interface Science</i> , 2013, 393, 21-28.	9.4	4
16	Dynamic light scattering for gold nanorod size characterization and study of nanorod“protein interactions. <i>Gold Bulletin</i> , 2012, 45, 187-195.	2.4	133
17	Gold nanoparticle-enabled biological and chemical detection and analysis. <i>Chemical Society Reviews</i> , 2012, 41, 2849-2866.	38.1	633
18	Developing a nanoparticle test for prostate cancer scoring. <i>Journal of Translational Medicine</i> , 2012, 10, 44.	4.4	40

#	ARTICLE	IF	CITATIONS
19	A Functional Nuclear Epidermal Growth Factor Receptor, Src and Stat3 Heteromeric Complex in Pancreatic Cancer Cells. PLoS ONE, 2011, 6, e19605.	2.5	88
20	A Facile Nanoparticle Immunoassay for Cancer Biomarker Discovery. Journal of Nanobiotechnology, 2011, 9, 20.	9.1	55
21	Protein complexes/aggregates as potential cancer biomarkers revealed by a nanoparticle aggregation immunoassay. Colloids and Surfaces B: Biointerfaces, 2010, 78, 259-265.	5.0	38
22	A label-free nanoparticle aggregation assay for protein complex/aggregate detection and study. Analytical Biochemistry, 2010, 405, 96-102.	2.4	33
23	A washing-free and amplification-free one-step homogeneous assay for protein detection using gold nanoparticle probes and dynamic light scattering. Journal of Immunological Methods, 2009, 349, 38-44.	1.4	84
24	A General Strategy to Disperse and Functionalize Carbon Nanotubes Using Conjugated Block Copolymers. Advanced Functional Materials, 2009, 19, 479-483.	14.9	88
25	Dynamic Light Scattering as a Powerful Tool for Gold Nanoparticle Bioconjugation and Biomolecular Binding Studies. Analytical Chemistry, 2009, 81, 9425-9432.	6.5	319
26	TRANSPARENT CARBON NANOTUBE/POLY (3, 4-ETHYLENEDIOXYTHIOPHENE) COMPOSITE ELECTRICAL CONDUCTORS. Soft Materials, 2009, 7, 355-365.	1.7	16
27	Cysteine-grafted chitosan-mediated gold nanoparticle assembly: from nanochains to microcubes. Journal of Materials Chemistry, 2009, , .	6.7	8
28	Dispersion of Pristine Carbon Nanotubes Using Conjugated Block Copolymers. Advanced Materials, 2008, 20, 2055-2060.	21.0	228
29	A One-Step Highly Sensitive Method for DNA Detection Using Dynamic Light Scattering. Journal of the American Chemical Society, 2008, 130, 8138-8139.	13.7	181
30	A One-Step Homogeneous Immunoassay for Cancer Biomarker Detection Using Gold Nanoparticle Probes Coupled with Dynamic Light Scattering. Journal of the American Chemical Society, 2008, 130, 2780-2782.	13.7	642
31	Controlled Chemical Functionalization of Gold Nanoparticles. ACS Symposium Series, 2008, , 31-40.	0.5	2
32	Monofunctional gold nanoparticles: synthesis and applications. Journal of Nanoparticle Research, 2007, 9, 1013-1025.	1.9	48
33	Beach sand from Cancun Mexico: a natural macro- and mesoporous material. Journal of Materials Science, 2007, 42, 6018-6026.	3.7	13