

Ting Guo

List of Publications by Year in descending order

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90
papers

4,996
citations

185998

28
h-index

88477

70
g-index

91
all docs

91
docs citations

91
times ranked

4979
citing authors

#	ARTICLE	IF	CITATIONS
1	Zein structure and its hidden zearalenone: Effect of zein extraction methods. <i>Food Chemistry</i> , 2022, 374, 131563.	4.2	18
2	A novel high-sensitive indirect competitive chemiluminescence enzyme immunoassay based on monoclonal antibody for tenuazonic acid (TeA) detection. <i>European Food Research and Technology</i> , 2022, 248, 577-587.	1.6	3
3	A High Sensitivity Electrochemical Immunosensor Based on Monoclonal Antibody Coupled Flower-Shaped Nano-ZnO for Detection of Tenuazonic Acid. <i>Agriculture (Switzerland)</i> , 2022, 12, 204.	1.4	1
4	Counterfactual-Based Action Evaluation Algorithm in Multi-Agent Reinforcement Learning. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 3439.	1.3	3
5	A facile aptasensor based on polydopamine nanospheres for high-sensitivity sensing of T-2 toxin. <i>Analytical Methods</i> , 2021, 13, 2654-2658.	1.3	6
6	A multifunctional near-infrared fluorescent sensing material based on core-shell upconversion nanoparticles@magnetic nanoparticles and molecularly imprinted polymers for detection of deltamethrin. <i>Mikrochimica Acta</i> , 2021, 188, 165.	2.5	5
7	Integrated multi-spectroscopic and molecular modeling techniques to study the formation mechanism of hidden zearalenone in maize. <i>Food Chemistry</i> , 2021, 351, 129286.	4.2	21
8	Dairy Processing Affects the Gut Digestion and Microecology by Changing the Structure and Composition of Milk Fat Globules. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 10194-10205.	2.4	4
9	Fast Fluorescence Titration Quantification of Plasmid DNA with DNA Attractive Magnetic Nanoparticles. <i>Analytical Chemistry</i> , 2021, 93, 12854-12861.	3.2	0
10	Effect of temperature and pH on the conversion between free and hidden zearalenone in zein. <i>Food Chemistry</i> , 2021, 360, 130001.	4.2	10
11	Variants in Homologous Recombination Genes <i>EXO1</i> and <i>RAD51</i> Related with Premature Ovarian Insufficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2020, 105, e3566-e3574.	1.8	21
12	Properties of Pickering emulsion stabilized by food-grade gelatin nanoparticles: influence of the nanoparticles concentration. <i>Colloids and Surfaces B: Biointerfaces</i> , 2020, 196, 111294.	2.5	83
13	Novel pathogenic mutations in minichromosome maintenance complex component 9 (MCM9) responsible for premature ovarian insufficiency. <i>Fertility and Sterility</i> , 2020, 113, 845-852.	0.5	24
14	A simple mesoporous silica nanoparticle-based fluorescence aptasensor for the detection of zearalenone in grain and cereal products. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 5627-5635.	1.9	32
15	Solid-phase extraction materials based on molecularly imprinted polymers for recognition of pyrethroids. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48919.	1.3	2
16	A Novel Ratiometric Electrochemical Biosensor Based on a Split Aptamer for the Detection of Dopamine with Logic Gate Operations. <i>Physica Status Solidi (A) Applications and Materials Science</i> , 2020, 217, 1900924.	0.8	18
17	Physical, chemical and biological enhancement in X-ray nanochemistry. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 15917-15931.	1.3	14
18	Toward Development of Fluorescence-Quenching-Based Biosensors for Drought Stress in Plants. <i>Analytical Chemistry</i> , 2019, 91, 15644-15651.	3.2	7

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19	Oxidative DNA damage and multi-organ pathologies in male mice subchronically treated with aflatoxin B1. <i>Ecotoxicology and Environmental Safety</i> , 2019, 186, 109697.	2.9	13
20	Novel FSHR mutations in Han Chinese women with sporadic premature ovarian insufficiency. <i>Molecular and Cellular Endocrinology</i> , 2019, 492, 110446.	1.6	19
21	A novel fluorescence aptasensor based on mesoporous silica nanoparticles for selective and sensitive detection of aflatoxin B1. <i>Analytica Chimica Acta</i> , 2019, 1068, 87-95.	2.6	61
22	Fluorescence Spectroscopic Investigation of Competitive Interactions between Quercetin and Aflatoxin B1 for Binding to Human Serum Albumin. <i>Toxins</i> , 2019, 11, 214.	1.5	24
23	Green pH/magnetic sensitive hydrogels based on pineapple peel cellulose and polyvinyl alcohol: synthesis, characterization and naringin prolonged release. <i>Carbohydrate Polymers</i> , 2019, 209, 51-61.	5.1	98
24	Theoretical Study of X-ray Induced Energy Transfer (XIET) from Nanomaterial Donors to Nanomaterial Acceptors. <i>Journal of Physical Chemistry C</i> , 2018, 122, 18640-18650.	1.5	2
25	Target-induced DNA machine amplification strategy for high sensitive and selective detection of bototoxin. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 619-624.	4.0	15
26	Identification of Individual Reaction Steps in Complex Radical Reactions Involving Gold Nanoparticles. <i>ChemPhysChem</i> , 2018, 19, 3327-3327.	1.0	0
27	Identification of Individual Reaction Steps in Complex Radical Reactions Involving Gold Nanoparticles. <i>ChemPhysChem</i> , 2018, 19, 3328-3333.	1.0	6
28	A fluorometric aptasensor for patulin based on the use of magnetized graphene oxide and DNase I-assisted target recycling amplification. <i>Mikrochimica Acta</i> , 2018, 185, 487.	2.5	32
29	Sealable Spherical Mesoporous Silica Shell Nanoreactors as Fiducial Nanoscale Probes for X-rays. <i>Journal of Physical Chemistry A</i> , 2018, 122, 8686-8692.	1.1	2
30	X-ray-Mediated Release of Molecules and Engineered Proteins from Nanostructure Surfaces. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 31860-31864.	4.0	5
31	Effects of freezing-thawing pretreatment combined with liquid nitrogen and dilute acid on the gelatinization of collagen. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 435-441.	3.6	9
32	Size-Dependent Deposition, Translocation, and Microglial Activation of Inhaled Silver Nanoparticles in the Rodent Nose and Brain. <i>Environmental Health Perspectives</i> , 2016, 124, 1870-1875.	2.8	46
33	Aerosolized Silver Nanoparticles in the Rat Lung and Pulmonary Responses over Time. <i>Toxicologic Pathology</i> , 2016, 44, 673-686.	0.9	29
34	Concentration-Dependent Association between Weakly Attractive Nanoparticles in Aqueous Solutions. <i>Journal of Physical Chemistry C</i> , 2016, 120, 19830-19836.	1.5	6
35	A double responsive smart upconversion fluorescence sensing material for glycoprotein. <i>Biosensors and Bioelectronics</i> , 2016, 85, 596-602.	5.3	39
36	Electron Paramagnetic Resonance Spectroscopy Investigation of Radical Production by Gold Nanoparticles in Aqueous Solutions Under X-ray Irradiation. <i>Journal of Physical Chemistry A</i> , 2016, 120, 2815-2823.	1.1	37

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37	Sub-monolayer silver loss from large gold nanospheres detected by surface plasmon resonance in the sigmoidal region. <i>Journal of Colloid and Interface Science</i> , 2016, 479, 173-181.	5.0	6
38	X-ray-Induced Energy Transfer between Nanomaterials under X-ray Irradiation. <i>Journal of Physical Chemistry C</i> , 2016, 120, 3054-3060.	1.5	22
39	Nanoparticle-Assisted Scanning Focusing X-Ray Therapy with Needle Beam X Rays. <i>Radiation Research</i> , 2016, 185, 87-95.	0.7	3
40	Upconversion fluorescence metal-organic frameworks thermo-sensitive imprinted polymer for enrichment and sensing protein. <i>Biosensors and Bioelectronics</i> , 2016, 79, 341-346.	5.3	108
41	Investigation of magnetic field manipulated electrons produced from laser-driven ultrafast x-ray sources using x-ray emission spectroscopy. <i>Journal Physics D: Applied Physics</i> , 2015, 48, 105202.	1.3	0
42	Encapsulation of multiple large spherical silica nanoparticles in hollow spherical silica shells. <i>Journal of Colloid and Interface Science</i> , 2015, 445, 112-118.	5.0	5
43	Influence of Particle Size on Persistence and Clearance of Aerosolized Silver Nanoparticles in the Rat Lung. <i>Toxicological Sciences</i> , 2015, 144, 366-381.	1.4	83
44	Molecularly imprinted upconversion nanoparticles for highly selective and sensitive sensing of Cytochrome c. <i>Biosensors and Bioelectronics</i> , 2015, 74, 498-503.	5.3	72
45	High selectivity and sensitivity fluorescence sensing of melamine based on the combination of a fluorescent chemosensor and molecularly imprinted polymers. <i>RSC Advances</i> , 2015, 5, 94084-94090.	1.7	6
46	Multiplication Algorithm for Combined Physical and Chemical Enhancement of X-ray Effect by Nanomaterials. <i>Journal of Physical Chemistry C</i> , 2015, 119, 19513-19519.	1.5	12
47	Persistence of silver nanoparticles in the rat lung: Influence of dose, size, and chemical composition. <i>Nanotoxicology</i> , 2015, 9, 591-602.	1.6	48
48	Determination of Absolute Quantum Efficiency of X-ray Nano Phosphors by Thin Film Photovoltaic Cells. <i>Analytical Chemistry</i> , 2014, 86, 10492-10496.	3.2	5
49	Average Physical Enhancement by Nanomaterials under X-ray Irradiation. <i>Journal of Physical Chemistry C</i> , 2014, 118, 30221-30228.	1.5	24
50	X-ray triggered release of doxorubicin from nanoparticle drug carriers for cancer therapy. <i>Chemical Communications</i> , 2013, 49, 2545.	2.2	62
51	Aerosolization System for Experimental Inhalation Studies of Carbon-Based Nanomaterials. <i>Aerosol Science and Technology</i> , 2012, 46, 94-107.	1.5	5
52	An Example of X-ray Nanochemistry: SERS Investigation of Polymerization Enhanced by Nanostructures under X-ray Irradiation. <i>Journal of Physical Chemistry Letters</i> , 2012, 3, 3271-3275.	2.1	30
53	Chemical Enhancement by Nanomaterials under X-ray Irradiation. <i>Journal of the American Chemical Society</i> , 2012, 134, 1950-1953.	6.6	112
54	Enhanced single strand breaks of supercoiled DNA in a matrix of gold nanotubes under X-ray irradiation. <i>Journal of Colloid and Interface Science</i> , 2012, 378, 70-76.	5.0	11

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55	Synthesis and electric properties of dicobalt silicide nanobelts. <i>Chemical Communications</i> , 2011, 47, 1255-1257.	2.2	15
56	Time-Resolved Annular Dark Field Imaging of Catalyst Nanoparticles. <i>ChemPhysChem</i> , 2010, 11, 2088-2090.	1.0	8
57	Probing Site Activity of Monodisperse Pt Nanoparticle Catalysts Using Steam Reforming of Methane. <i>Journal of Physical Chemistry Letters</i> , 2010, 1, 254-259.	2.1	17
58	Recognition of melting of nanoparticle catalysts with cubically shaped Co ₃ O ₄ nanoparticles. <i>Journal of Colloid and Interface Science</i> , 2008, 321, 251-255.	5.0	6
59	Carbon Dioxide Reforming of Methane by Ni/Co Nanoparticle Catalysts Immobilized on Single-Walled Carbon Nanotubes. <i>Energy & Fuels</i> , 2008, 22, 2183-2187.	2.5	21
60	Nanowires for solar energy and hydrogen production. , 2007, , .		0
61	Investigations of Laser Evaporation in Ambient Pressure Helium with Ultrafast Hard X-ray Pulses. <i>Journal of Physical Chemistry C</i> , 2007, 111, 4643-4647.	1.5	5
62	Nanoscale Energy Deposition by X-ray Absorbing Nanostructures. <i>Journal of Physical Chemistry B</i> , 2007, 111, 11622-11625.	1.2	207
63	Synthesis of Tubular Gold and Silver Nanoshells Using Silica Nanowire Core Templates. <i>Langmuir</i> , 2006, 22, 6367-6374.	1.6	46
64	Silica Nanocoils. <i>Journal of Physical Chemistry B</i> , 2006, 110, 8296-8301.	1.2	23
65	Surface modification of gold nanotubules via microwave radiation, sonication and chemical etching. <i>Chemical Physics Letters</i> , 2006, 432, 195-199.	1.2	6
66	Synthesis and self-assembled ring structures of Ni nanocrystals. <i>Journal of Colloid and Interface Science</i> , 2006, 293, 430-436.	5.0	20
67	Determination of charge state of tungsten during ultrafast hard x-ray generation. , 2006, , 53-56.		0
68	Ultrafast selected energy x-ray absorption spectroscopy investigations of Ni and Zn species. <i>Journal of Chemical Physics</i> , 2005, 122, 244710.	1.2	6
69	Coherent anti-Stokes Raman scattering microscopy with spectrally tailored ultrafast pulses. <i>Review of Scientific Instruments</i> , 2005, 76, 043108.	0.6	12
70	Laser-driven hard-x-ray generation based on ultrafast selected energy x-ray absorption spectroscopy measurements of Ni compounds. <i>Physical Review E</i> , 2005, 71, 025401.	0.8	11
71	Enhanced relaxation of nanoparticle-bound supercoiled DNA in X-ray radiation. <i>Chemical Communications</i> , 2005, , 3192.	2.2	60
72	Silicon-based nanowires from silicon wafers catalyzed by cobalt nanoparticles in a hydrogen environment. <i>Chemical Communications</i> , 2005, , 2274.	2.2	27

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73	Atomic Tungsten for Ultrafast Hard X-ray Generation. <i>Journal of Physical Chemistry A</i> , 2005, 109, 4216-4220.	1.1	13
74	Determination of CoSi ₂ Self-Aligned Nanostructures with Grazing Incidence X-ray Absorption Spectroscopy. <i>Journal of Physical Chemistry B</i> , 2005, 109, 4118-4122.	1.2	7
75	Crystal Structures, Raman Spectroscopy, and Magnetic Properties of Ba _{7.5} Al ₁₃ Si ₂₉ and Eu _{0.27} Ba _{7.22} Al ₁₃ Si ₂₉ . <i>Inorganic Chemistry</i> , 2005, 44, 9185-9191.	1.9	32
76	Investigation of Co nanoparticles with EXAFS and XANES. <i>Chemical Physics Letters</i> , 2004, 400, 122-127.	1.2	69
77	Growth of Self-Aligned Crystalline Cobalt Silicide Nanostructures from Co Nanoparticles. <i>Journal of Physical Chemistry B</i> , 2004, 108, 6901-6904.	1.2	19
78	Alkanethiol-Induced Structural Rearrangements in Silica@Gold Core@Shell-type Nanoparticle Clusters: An Opportunity for Chemical Sensor Engineering. <i>Langmuir</i> , 2004, 20, 5553-5558.	1.6	68
79	Ultrafast selected-energy x-ray absorption spectroscopy (USEXAS) with a laser-driven x-ray source. , 2004, 5340, 113.		1
80	Surface Segregation in Ni/Co Bimetallic Nanoparticles Produced in Single-Walled Carbon Nanotube Synthesis. <i>Journal of Physical Chemistry B</i> , 2002, 106, 5833-5839.	1.2	31
81	Compact 50-Hz terawatt Ti:sapphire laser for x-ray and nonlinear optical spectroscopy. <i>Applied Optics</i> , 2002, 41, 5148.	2.1	18
82	<title>Ultrafast x-ray absorption spectroscopy using laser-driven electron x-ray sources (LEXS)</title>. , 2001, , .		1
83	Picosecond-Ångström lattice dynamics measured by ultrafast X-ray diffraction. <i>Nature</i> , 1999, 398, 310-312.	13.7	531
84	Self-Assembly of Tubular Fullerenes. <i>The Journal of Physical Chemistry</i> , 1995, 99, 10694-10697.	2.9	499
85	Electronic Structure of Sc@C ₆₀ : An ab Initio Theoretical Study. <i>The Journal of Physical Chemistry</i> , 1994, 98, 7745-7747.	2.9	24
86	Fullerene doped glasses. <i>Applied Physics Letters</i> , 1994, 65, 2522-2524.	1.5	14
87	Ab initio theoretical predictions of C ₂₈ , C ₂₈ H ₄ , C ₂₈ F ₄ , (Ti@C ₂₈)H ₄ , and M@C ₂₈ (M=Mg, Al, Si, S, Ca, Sc.) <i>J ETQq</i> 1, 1 0.784314 rgB / 158	1.2	158
88	Ab initio calculations of tetrahedral hydrogenated buckminsterfullerene. <i>Chemical Physics Letters</i> , 1992, 191, 527-532.	1.2	46
89	Fullerenes with metals inside. <i>The Journal of Physical Chemistry</i> , 1991, 95, 7564-7568.	2.9	1,248
90	Doping bucky: formation and properties of boron-doped buckminsterfullerene. <i>The Journal of Physical Chemistry</i> , 1991, 95, 4948-4950.	2.9	398