

Bing Yan

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6209825/publications.pdf>

Version: 2024-02-01

245
papers

15,092
citations

25014

57
h-index

21521

114
g-index

248
all docs

248
docs citations

248
times ranked

26341
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Chemical Basis of Interactions Between Engineered Nanoparticles and Biological Systems. <i>Chemical Reviews</i> , 2014, 114, 7740-7781.	23.0	478
3	Impact of silver nanoparticles on human cells: Effect of particle size. <i>Nanotoxicology</i> , 2010, 4, 319-330.	1.6	429
4	Functionalized carbon nanotubes for potential medicinal applications. <i>Drug Discovery Today</i> , 2010, 15, 428-435.	3.2	338
5	Size-Dependent Cell Uptake of Protein-Coated Graphene Oxide Nanosheets. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 2259-2266.	4.0	331
6	Repeated administrations of carbon nanotubes in male mice cause reversible testis damage without affecting fertility. <i>Nature Nanotechnology</i> , 2010, 5, 683-689.	15.6	258
7	Endosomal Leakage and Nuclear Translocation of Multiwalled Carbon Nanotubes: Developing a Model for Cell Uptake. <i>Nano Letters</i> , 2009, 9, 4370-4375.	4.5	220
8	Clioquinol, a Therapeutic Agent for Alzheimer's Disease, Has Proteasome-Inhibitory, Androgen Receptor- Suppressing, Apoptosis-Inducing, and Antitumor Activities in Human Prostate Cancer Cells and Xenografts. <i>Cancer Research</i> , 2007, 67, 1636-1644.	0.4	196
9	Design, Synthesis, Cytoselective Toxicity, Structure-Activity Relationships, and Pharmacophore of Thiazolidinone Derivatives Targeting Drug-Resistant Lung Cancer Cells. <i>Journal of Medicinal Chemistry</i> , 2008, 51, 1242-1251.	2.9	155
10	The proteasome as a potential target for novel anticancer drugs and chemosensitizers. <i>Drug Resistance Updates</i> , 2006, 9, 263-273.	6.5	151
11	Infrared spectrum of a single resin bead for real-time monitoring of solid-phase reactions. <i>Journal of Organic Chemistry</i> , 1995, 60, 5736-5738.	1.7	130
12	A Nano-Combinatorial Library Strategy for the Discovery of Nanotubes with Reduced Protein-Binding, Cytotoxicity, and Immune Response. <i>Nano Letters</i> , 2008, 8, 859-865.	4.5	130
13	Perturbation of physiological systems by nanoparticles. <i>Chemical Society Reviews</i> , 2014, 43, 3762-3809.	18.7	128
14	Color regulation in the archaeobacterial phototaxis receptor phoborhodopsin (sensory rhodopsin II). <i>Biochemistry</i> , 1990, 29, 8467-8474.	1.2	119
15	Tumor cellular proteasome inhibition and growth suppression by 8-hydroxyquinoline and clioquinol requires their capabilities to bind copper and transport copper into cells. <i>Journal of Biological Inorganic Chemistry</i> , 2010, 15, 259-269.	1.1	116
16	Permission to Enter Cell by Shape: Nanodisk vs Nanosphere. <i>ACS Applied Materials & Interfaces</i> , 2012, 4, 4099-4105.	4.0	116
17	Monitoring the Progress and the Yield of Solid-Phase Organic Reactions Directly on Resin Supports. <i>Accounts of Chemical Research</i> , 1998, 31, 621-630.	7.6	113
18	Tuning Cell Autophagy by Diversifying Carbon Nanotube Surface Chemistry. <i>ACS Nano</i> , 2014, 8, 2087-2099.	7.3	113

#	ARTICLE	IF	CITATIONS
19	Interactions Between Nanoparticles and Dendritic Cells: From the Perspective of Cancer Immunotherapy. <i>Frontiers in Oncology</i> , 2018, 8, 404.	1.3	113
20	Interactions between silver nanoparticles and other metal nanoparticles under environmentally relevant conditions: A review. <i>Science of the Total Environment</i> , 2019, 653, 1042-1051.	3.9	108
21	Regulation of Enzyme Activity through Interactions with Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2009, 10, 4198-4209.	1.8	104
22	Analytical strategies for detecting nanoparticle-protein interactions. <i>Analyst</i> , 2010, 135, 1519.	1.7	102
23	Functionalized Carbon Nanotubes Specifically Bind to $\hat{\pm}$ -Chymotrypsin's Catalytic Site and Regulate Its Enzymatic Function. <i>Nano Letters</i> , 2009, 9, 2280-2284.	4.5	101
24	Enhancement of cell recognition in vitro by dual-ligand cancer targeting gold nanoparticles. <i>Biomaterials</i> , 2011, 32, 2540-2545.	5.7	98
25	Charge, Size, and Cellular Selectivity for Multiwall Carbon Nanotubes by Maize and Soybean. <i>Environmental Science & Technology</i> , 2015, 49, 7380-7390.	4.6	96
26	The adsorption of biomolecules to multi-walled carbon nanotubes is influenced by both pulmonary surfactant lipids and surface chemistry. <i>Journal of Nanobiotechnology</i> , 2010, 8, 31.	4.2	90
27	Enzyme immobilization onto the nanomaterials: Application in enzyme stability and prodrug-activated cancer therapy. <i>International Journal of Biological Macromolecules</i> , 2020, 143, 665-676.	3.6	89
28	Progression of Organic Reactions on Resin Supports Monitored by Single Bead FTIR Microspectroscopy. <i>Journal of Organic Chemistry</i> , 1996, 61, 7467-7472.	1.7	87
29	Quantification of Nanoplastic Uptake in Cucumber Plants by Pyrolysis Gas Chromatography/Mass Spectrometry. <i>Environmental Science and Technology Letters</i> , 2021, 8, 633-638.	3.9	87
30	Nanotoxicity Overview: Nano-Threat to Susceptible Populations. <i>International Journal of Molecular Sciences</i> , 2014, 15, 3671-3697.	1.8	85
31	Steering Carbon Nanotubes to Scavenger Receptor Recognition by Nanotube Surface Chemistry Modification Partially Alleviates NF $\hat{\pm}$ B Activation and Reduces Its Immunotoxicity. <i>ACS Nano</i> , 2011, 5, 4581-4591.	7.3	84
32	Oral Exposure to Silver Nanoparticles or Silver Ions May Aggravate Fatty Liver Disease in Overweight Mice. <i>Environmental Science & Technology</i> , 2017, 51, 9334-9343.	4.6	84
33	Identification of signaling states of a sensory receptor by modulation of lifetimes of stimulus-induced conformations: the case of sensory rhodopsin II. <i>Biochemistry</i> , 1991, 30, 10686-10692.	1.2	83
34	Effects of Polymer Supports on the Kinetics of Solid-Phase Organic Reactions: A Comparison of Polystyrene- and TentaGel-Based Resins. <i>Journal of Organic Chemistry</i> , 1998, 63, 4092-4097.	1.7	83
35	Regulation of Cell Uptake and Cytotoxicity by Nanoparticle Core under the Controlled Shape, Size, and Surface Chemistries. <i>ACS Nano</i> , 2020, 14, 289-302.	7.3	83
36	Predicting Nano-Bio Interactions by Integrating Nanoparticle Libraries and Quantitative Nanostructure Activity Relationship Modeling. <i>ACS Nano</i> , 2017, 11, 12641-12649.	7.3	80

#	ARTICLE	IF	CITATIONS
37	Use of Cyclohexylisocyanide and Methyl 2-Isocynoacetate as Convertible Isocyanides for Microwave-Assisted Fluorous Synthesis of 1,4-Benzodiazepine-2,5-dione Library. <i>ACS Combinatorial Science</i> , 2010, 12, 206-214.	3.3	79
38	Automated High-Throughput System to Fractionate Plant Natural Products for Drug Discovery. <i>Journal of Natural Products</i> , 2010, 73, 751-754.	1.5	79
39	Effects of Nanotoxicity on Female Reproductivity and Fetal Development in Animal Models. <i>International Journal of Molecular Sciences</i> , 2013, 14, 9319-9337.	1.8	79
40	Construction of a web-based nanomaterial database by big data curation and modeling friendly nanostructure annotations. <i>Nature Communications</i> , 2020, 11, 2519.	5.8	77
41	A Comparison of Various FTIR and FT Raman Methods: Applications in the Reaction Optimization Stage of Combinatorial Chemistry. <i>ACS Combinatorial Science</i> , 1999, 1, 46-54.	3.3	76
42	Pulmonary surfactant coating of multi-walled carbon nanotubes (MWCNTs) influences their oxidative and pro-inflammatory potential in vitro. <i>Particle and Fibre Toxicology</i> , 2012, 9, 17.	2.8	76
43	Effective Surface Charge Density Determines the Electrostatic Attraction between Nanoparticles and Cells. <i>Journal of Physical Chemistry C</i> , 2012, 116, 4993-4998.	1.5	75
44	Probing solid-phase reactions by monitoring the IR bands of compounds on a single "flattened" resin bead. <i>Tetrahedron</i> , 1996, 52, 843-848.	1.0	74
45	Quality Control in Combinatorial Chemistry: Determination of the Quantity, Purity, and Quantitative Purity of Compounds in Combinatorial Libraries. <i>ACS Combinatorial Science</i> , 2003, 5, 547-559.	3.3	74
46	Suppression of Human Bone Morphogenetic Protein Signaling by Carboxylated Single-Walled Carbon Nanotubes. <i>ACS Nano</i> , 2009, 3, 1139-1144.	7.3	69
47	Analytical strategies for characterizing the surface chemistry of nanoparticles. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 396, 973-982.	1.9	66
48	Effects of chemical and natural ageing on the release of potentially toxic metal additives in commercial PVC microplastics. <i>Chemosphere</i> , 2021, 283, 131274.	4.2	66
49	<i>In situ</i> remediation of subsurface contamination: opportunities and challenges for nanotechnology and advanced materials. <i>Environmental Science: Nano</i> , 2019, 6, 1283-1302.	2.2	65
50	<i>In silico</i> profiling nanoparticles: predictive nanomodeling using universal nanodescriptors and various machine learning approaches. <i>Nanoscale</i> , 2019, 11, 8352-8362.	2.8	64
51	Regulating Protein Corona Formation and Dynamic Protein Exchange by Controlling Nanoparticle Hydrophobicity. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 210.	2.0	64
52	Enhancing Cell Recognition by Scrutinizing Cell Surfaces with a Nanoparticle Array. <i>Journal of the American Chemical Society</i> , 2011, 133, 680-682.	6.6	63
53	Harmful algal blooms and their eco-environmental indication. <i>Chemosphere</i> , 2021, 274, 129912.	4.2	63
54	Protein Corona-Mediated Extraction for Quantitative Analysis of Nanoplastics in Environmental Waters by Pyrolysis Gas Chromatography/Mass Spectrometry. <i>Analytical Chemistry</i> , 2021, 93, 6698-6705.	3.2	60

#	ARTICLE	IF	CITATIONS
55	Advances in HPLC detection towards universal detection. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 299-301.	1.9	59
56	Size-dependent maternal-fetal transfer and fetal developmental toxicity of ZnO nanoparticles after oral exposures in pregnant mice. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109439.	2.9	59
57	Quantitative Analysis of Polystyrene and Poly(methyl methacrylate) Nanoplastics in Tissues of Aquatic Animals. <i>Environmental Science & Technology</i> , 2021, 55, 3032-3040.	4.6	59
58	Real-Time Monitoring of the Catalytic Oxidation of Alcohols to Aldehydes and Ketones on Resin Support by Single-Bead Fourier Transform Infrared Microspectroscopy. <i>Journal of Organic Chemistry</i> , 1996, 61, 8765-8770.	1.7	58
59	Natural Product-Inspired Synthesis of Thiazolidine and Thiazolidinone Compounds and their Anticancer Activities. <i>Current Pharmaceutical Design</i> , 2010, 16, 1826-1842.	0.9	58
60	Novel Natural Product- and Privileged Scaffold-Based Tubulin Inhibitors Targeting the Colchicine Binding Site. <i>Molecules</i> , 2016, 21, 1375.	1.7	58
61	Enabling Anticancer Therapeutics by Nanoparticle Carriers: The Delivery of Paclitaxel. <i>International Journal of Molecular Sciences</i> , 2011, 12, 4395-4413.	1.8	56
62	Single bead ir monitoring of a novel benzimidazole synthesis. <i>Bioorganic and Medicinal Chemistry Letters</i> , 1998, 8, 361-364.	1.0	55
63	Spectral Tuning in Bacteriorhodopsin in the Absence of Counterion and Coplanarization Effects. <i>Journal of Biological Chemistry</i> , 1995, 270, 29668-29670.	1.6	53
64	Cytotoxic Free Radicals on Air-Borne Soot Particles Generated by Burning Wood or Low-Maturity Coals. <i>Environmental Science & Technology</i> , 2020, 54, 5608-5618.	4.6	53
65	Characterization of Protein Clusters of Diverse Magnetic Nanoparticles and Their Dynamic Interactions with Human Cells. <i>Journal of Physical Chemistry C</i> , 2009, 113, 5390-5395.	1.5	51
66	A comprehensive review of strobilurin fungicide toxicity in aquatic species: Emphasis on mode of action from the zebrafish model. <i>Environmental Pollution</i> , 2021, 275, 116671.	3.7	51
67	Toxic effects of acute exposure to polystyrene microplastics and nanoplastics on the model insect, silkworm <i>Bombyx mori</i> . <i>Environmental Pollution</i> , 2021, 285, 117255.	3.7	49
68	Exploring the Immunotoxicity of Carbon Nanotubes. <i>Nanoscale Research Letters</i> , 2008, 3, 271-277.	3.1	48
69	Toward a systematic exploration of nano-bio interactions. <i>Toxicology and Applied Pharmacology</i> , 2017, 323, 66-73.	1.3	48
70	Biotransformation and detoxification of the neonicotinoid insecticides nitenpyram and dinotefuran by <i>Phanerochaete sordida</i> YK-624. <i>Environmental Pollution</i> , 2019, 252, 856-862.	3.7	48
71	Rapid Fluorescence Determination of the Absolute Amount of Aldehyde and Ketone Groups on Resin Supports. <i>Journal of Organic Chemistry</i> , 1997, 62, 9354-9357.	1.7	47
72	An indazole synthesis on solid support monitored by single bead FTIR microspectroscopy. <i>Tetrahedron Letters</i> , 1996, 37, 8325-8328.	0.7	45

#	ARTICLE	IF	CITATIONS
73	Induction of oxidative stress and sensitization of cancer cells to paclitaxel by gold nanoparticles with different charge densities and hydrophobicities. <i>Journal of Materials Chemistry B</i> , 2018, 6, 1633-1639.	2.9	45
74	Characterization of Organic Molecules Attached to Gold Nanoparticle Surface Using High Resolution Magic Angle Spinning ^1H NMR. <i>Journal of Physical Chemistry C</i> , 2008, 112, 19360-19366.	1.5	43
75	Arsenic bioaccumulation and biotransformation in aquatic organisms. <i>Environment International</i> , 2022, 163, 107221.	4.8	43
76	EVIDENCE THAT THE REPELLENT RECEPTOR FORM OF SENSORY RHODOPSIN I IS AN ATTRACTANT SIGNALING STATE*. <i>Photochemistry and Photobiology</i> , 1991, 54, 1023-1026.	1.3	41
77	High-Throughput Purification of Combinatorial Libraries I: A High-Throughput Purification System Using an Accelerated Retention Window Approach. <i>ACS Combinatorial Science</i> , 2004, 6, 255-261.	3.3	41
78	Induction of Inflammatory Responses in Human Bronchial Epithelial Cells by Pb^{2+} -Containing Model $\text{PM}_{2.5}$ Particles via Downregulation of a Novel Long Noncoding RNA <i>lnc-PCK1-2:1</i> . <i>Environmental Science & Technology</i> , 2019, 53, 4566-4578.	4.6	41
79	PD-1/PD-L1 Inhibitors for Immuno-oncology: From Antibodies to Small Molecules. <i>Current Pharmaceutical Design</i> , 2018, 23, 6033-6041.	0.9	41
80	High-throughput liquid chromatography ultraviolet/mass spectrometric analysis of combinatorial libraries using an eight-channel multiplexed electrospray time-of-flight mass spectrometer. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 1440-1447.	0.7	38
81	Microwave-Assisted Fluorous Synthesis of 2-Aryl-Substituted 4-Thiazolidinone and 4-Thiazinanone Libraries. <i>ACS Combinatorial Science</i> , 2008, 10, 303-312.	3.3	38
82	Microwave-Assisted Fluorous Synthesis of a 1,4-Benzodiazepine-2,5-dione Library. <i>ACS Combinatorial Science</i> , 2009, 11, 1083-1093.	3.3	38
83	Crossing Biological Barriers by Engineered Nanoparticles. <i>Chemical Research in Toxicology</i> , 2020, 33, 1055-1060.	1.7	38
84	Biocompatibility of polymer grafted core/shell iron/carbon nanoparticles. <i>Biomaterials</i> , 2010, 31, 5083-5090.	5.7	37
85	Experimental modulation and computational model of nano-hydrophobicity. <i>Biomaterials</i> , 2015, 52, 312-317.	5.7	37
86	Competitive Inhibition Mechanism of Acetylcholinesterase without Catalytic Active Site Interaction: Study on Functionalized C_{60} Nanoparticles via in Vitro and in Silico Assays. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 18626-18638.	4.0	37
87	Ultrafine particle libraries for exploring mechanisms of $\text{PM}_{2.5}$ -induced toxicity in human cells. <i>Ecotoxicology and Environmental Safety</i> , 2018, 157, 380-387.	2.9	37
88	Progresses and emerging trends of arsenic research in the past 120 years. <i>Critical Reviews in Environmental Science and Technology</i> , 2021, 51, 1306-1353.	6.6	37
89	lncRNA LINC00341 mediates $\text{PM}_{2.5}$ -induced cell cycle arrest in human bronchial epithelial cells. <i>Toxicology Letters</i> , 2017, 276, 1-10.	0.4	36
90	A 2D-2D heterojunction $\text{Bi}_2\text{WO}_6/\text{WS}_2$ -x as a broad-spectrum bactericide: Sulfur vacancies mediate the interface interactions between biology and nanomaterials. <i>Biomaterials</i> , 2020, 243, 119937.	5.7	36

#	ARTICLE	IF	CITATIONS
91	Susceptibility of Overweight Mice to Liver Injury as a Result of the ZnO Nanoparticle-Enhanced Liver Deposition of Pb ²⁺ . <i>Environmental Science & Technology</i> , 2017, 51, 1775-1784.	4.6	35
92	Emerging impacts of ionic liquids on eco-environmental safety and human health. <i>Chemical Society Reviews</i> , 2021, 50, 13609-13627.	18.7	35
93	Kinetic Comparison of Trifluoroacetic Acid Cleavage Reactions of Resin-Bound Carbamates, Ureas, Secondary Amides, and Sulfonamides from Benzyl-, Benzhydryl-, and Indole-Based Linkers. <i>ACS Combinatorial Science</i> , 2000, 2, 66-74.	3.3	34
94	Single-bead analysis in combinatorial chemistry. <i>Current Opinion in Chemical Biology</i> , 2002, 6, 328-332.	2.8	33
95	Scattered Light Imaging Enables Real-Time Monitoring of Label-Free Nanoparticles and Fluorescent Biomolecules in Live Cells. <i>Journal of the American Chemical Society</i> , 2019, 141, 14043-14047.	6.6	33
96	Fe@C activated peroxymonosulfate system for effectively degrading emerging contaminants: Analysis of the formation and activation mechanism of Fe coordinately unsaturated metal sites. <i>Journal of Hazardous Materials</i> , 2021, 419, 126535.	6.5	33
97	Induction of Size-Dependent Breakdown of Blood-Milk Barrier in Lactating Mice by TiO ₂ Nanoparticles. <i>PLoS ONE</i> , 2015, 10, e0122591.	1.1	33
98	Anti-tumor selectivity of a novel Tubulin and HSP90 dual-targeting inhibitor in non-small cell lung cancer models. <i>Biochemical Pharmacology</i> , 2013, 86, 351-360.	2.0	32
99	The potential health risk of titania nanoparticles. <i>Journal of Hazardous Materials</i> , 2012, 211-212, 404-413.	6.5	31
100	Leading Neuroblastoma Cells To Die by Multiple Premeditated Attacks from a Multifunctionalized Nanoconstruct. <i>Journal of the American Chemical Society</i> , 2011, 133, 13918-13921.	6.6	30
101	Remote Induction of Cell Autophagy by 2D MoS ₂ Nanosheets via Perturbing Cell Surface Receptors and mTOR Pathway from Outside of Cells. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 6829-6839.	4.0	30
102	Coexposed nanoparticulate Ag alleviates the acute toxicity induced by ionic Ag ⁺ in vivo. <i>Science of the Total Environment</i> , 2020, 723, 138050.	3.9	30
103	Structure elucidation of nanoparticle-bound organic molecules by ¹ H NMR. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 88-95.	5.8	29
104	Structural confirmation and quantification of individual ligands from the surface of multi-functionalized gold nanoparticles. <i>Analyst</i> , 2010, 135, 1210.	1.7	29
105	Size-Dependent Facilitation of Cancer Cell Targeting by Proteins Adsorbed on Nanoparticles. <i>ACS Applied Materials & Interfaces</i> , 2016, 8, 30037-30047.	4.0	29
106	Computer-aided design of carbon nanotubes with the desired bioactivity and safety profiles. <i>Nanotoxicology</i> , 2016, 10, 374-383.	1.6	29
107	Design of Small Nanoparticles Decorated with Amphiphilic Ligands: Self-Preservation Effect and Translocation into a Plasma Membrane. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 23822-23831.	4.0	29
108	Color Test for the Detection of Resin-Bound Aldehyde in Solid-Phase Combinatorial Synthesis. <i>ACS Combinatorial Science</i> , 2002, 4, 120-124.	3.3	28

#	ARTICLE	IF	CITATIONS
109	Probing enzyme-nanoparticle interactions using combinatorial gold nanoparticle libraries. <i>Nano Research</i> , 2015, 8, 1293-1308.	5.8	28
110	Prediction of Nano-Bio Interactions through Convolutional Neural Network Analysis of Nanostructure Images. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 19096-19104.	3.2	28
111	Prognostic and pharmacologic value of cystatin SN for chronic rhinosinusitis with nasal polyps. <i>Journal of Allergy and Clinical Immunology</i> , 2021, 148, 450-460.	1.5	28
112	Crucial Factors Regulating Site Interactions in Resin Supports Determined by Single Bead IR. <i>Journal of Organic Chemistry</i> , 1998, 63, 55-58.	1.7	27
113	Single-Bead Fluorescence Microspectroscopy: Detection of Self-Quenching in Fluorescence-Labeled Resin Beads. <i>ACS Combinatorial Science</i> , 1999, 1, 78-81.	3.3	27
114	High-throughput determination of identity, purity, and quantity of combinatorial library members using LC/MS/UV/ELSD. <i>Biotechnology and Bioengineering</i> , 2000, 71, 162-171.	1.7	27
115	Fine particle-induced birth defects: Impacts of size, payload, and beyond. <i>Birth Defects Research Part C: Embryo Today Reviews</i> , 2016, 108, 196-206.	3.6	27
116	Small Molecules as PD-1/PD-L1 Pathway Modulators for Cancer Immunotherapy. <i>Current Pharmaceutical Design</i> , 2019, 24, 4911-4920.	0.9	27
117	Nanoadduct relieves: Alleviation of developmental toxicity of Cr(VI) due to its spontaneous adsorption to Mg(OH) ₂ nanoflakes. <i>Journal of Hazardous Materials</i> , 2015, 287, 296-305.	6.5	26
118	Enhancing both CT imaging and natural killer cell-mediated cancer cell killing by a GD2-targeting nanoconstruct. <i>Journal of Materials Chemistry B</i> , 2016, 4, 513-520.	2.9	26
119	Cr(VI)/Pb ²⁺ are responsible for PM _{2.5} -induced cytotoxicity in A549 cells while pulmonary surfactant alleviates such toxicity. <i>Ecotoxicology and Environmental Safety</i> , 2019, 172, 152-158.	2.9	26
120	Solid-Phase Synthesis via 5-Oxazolidinones. Ring-Opening Reactions with Amines and Reaction Monitoring by Single-Bead FT-IR Microspectroscopy. <i>Journal of Organic Chemistry</i> , 1997, 62, 5615-5618.	1.7	25
121	Structure-Dependent Response of a Chemiluminescence Nitrogen Detector for Organic Compounds with Adjacent Nitrogen Atoms Connected by a Single Bond. <i>Analytical Chemistry</i> , 2007, 79, 718-726.	3.2	25
122	Aggravated hepatotoxicity occurs in aged mice but not in young mice after oral exposure to zinc oxide nanoparticles. <i>NanoImpact</i> , 2016, 3-4, 1-11.	2.4	25
123	Negatively charged silver nanoparticles cause retinal vascular permeability by activating plasma contact system and disrupting adherens junction. <i>Nanotoxicology</i> , 2016, 10, 501-511.	1.6	25
124	A direct comparison of the mixing efficiency in solid-phase organic synthesis by single bead IR and fluorescence spectroscopy. <i>Tetrahedron Letters</i> , 1997, 38, 6485-6488.	0.7	24
125	Determination of the Absolute Amount of Resin-Bound Hydroxyl or Carboxyl Groups for the Optimization of Solid-Phase Combinatorial and Parallel Organic Synthesis. <i>Analytical Chemistry</i> , 1999, 71, 4564-4571.	3.2	24
126	Cell Rescue by Nanosequestration: Reduced Cytotoxicity of An Environmental Remediation Residue, Mg(OH) ₂ Nanoflake/Cr(VI) Adduct. <i>Environmental Science & Technology</i> , 2014, 48, 1984-1992.	4.6	24

#	ARTICLE	IF	CITATIONS
127	Mesoporous silica-coated gold nanostars with drug payload for combined chemo-photothermal cancer therapy. <i>Journal of Drug Targeting</i> , 2019, 27, 201-210.	2.1	24
128	New thiazolidinones reduce iron overload in mouse models of hereditary hemochromatosis and β -thalassemia. <i>Haematologica</i> , 2019, 104, 1768-1781.	1.7	24
129	Oral Co-Exposures to zinc oxide nanoparticles and CdCl ₂ induced maternal-fetal pollutant transfer and embryotoxicity by damaging placental barriers. <i>Ecotoxicology and Environmental Safety</i> , 2020, 189, 109956.	2.9	24
130	Surface Properties of Nanoparticles Dictate Their Toxicity by Regulating Adsorption of Humic Acid Molecules. <i>ACS Sustainable Chemistry and Engineering</i> , 2021, 9, 13705-13716.	3.2	24
131	Comprehensive Interrogation on Acetylcholinesterase Inhibition by Ionic Liquids Using Machine Learning and Molecular Modeling. <i>Environmental Science & Technology</i> , 2021, 55, 14720-14731.	4.6	24
132	CRISPR-Cas12a-Based Aptasensor for On-Site and Highly Sensitive Detection of Microcystin-LR in Freshwater. <i>Environmental Science & Technology</i> , 2022, 56, 4101-4110.	4.6	24
133	Quantitatively monitoring of solid-phase organic synthesis by combustion elemental analysis. <i>Tetrahedron</i> , 1998, 54, 11755-11766.	1.0	23
134	Carbon nanotubes stimulate synovial inflammation by inducing systemic pro-inflammatory cytokines. <i>Nanoscale</i> , 2016, 8, 18070-18086.	2.8	23
135	Carbon Nanotubes Disrupt Iron Homeostasis and Induce Anemia of Inflammation through Inflammatory Pathway as a Secondary Effect Distant to Their Portal Entry. <i>Small</i> , 2017, 13, 1603830.	5.2	23
136	Breakthrough of ZrO ₂ nanoparticles into fetal brains depends on developmental stage of maternal placental barrier and fetal blood-brain-barrier. <i>Journal of Hazardous Materials</i> , 2021, 402, 123563.	6.5	23
137	Parallel high-throughput accurate mass measurement using a nine-channel multiplexed electrospray liquid chromatography ultraviolet time-of-flight mass spectrometry system. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1425-1432.	0.7	22
138	Reducing Both Pgp Overexpression and Drug Efflux with Anti-Cancer Gold-Paclitaxel Nanoconjugates. <i>PLoS ONE</i> , 2016, 11, e0160042.	1.1	22
139	Proteome Interrogation Using Nanoprobes To Identify Targets of a Cancer-Killing Molecule. <i>Journal of the American Chemical Society</i> , 2011, 133, 6886-6889.	6.6	21
140	Why are nanoparticles trapped at cell junctions when the cell density is high?. <i>Nanoscale</i> , 2019, 11, 6602-6609.	2.8	21
141	Speciation Analysis of Ag ₂ S and ZnS Nanoparticles at the ng/L Level in Environmental Waters by Cloud Point Extraction Coupled with LC-ICPMS. <i>Analytical Chemistry</i> , 2020, 92, 4765-4770.	3.2	21
142	Combination of Single Bead FTIR and Chemometrics in Combinatorial Chemistry: Application of the Multivariate Calibration Method in Monitoring Solid-Phase Organic Synthesis. <i>ACS Combinatorial Science</i> , 2001, 3, 78-84.	3.3	20
143	Nano-Combinatorial Chemistry Strategy for Nanotechnology Research. <i>ACS Combinatorial Science</i> , 2010, 12, 215-221.	3.3	20
144	Cell Cycle Regulation by Carboxylated Multiwalled Carbon Nanotubes through p53-Independent Induction of p21 under the Control of the BMP Signaling Pathway. <i>Chemical Research in Toxicology</i> , 2012, 25, 1212-1221.	1.7	20

#	ARTICLE	IF	CITATIONS
145	The antinociception of oxytocin on colonic hypersensitivity in rats was mediated by inhibition of mast cell degranulation via Ca ²⁺ -NOS pathway. <i>Scientific Reports</i> , 2016, 6, 31452.	1.6	20
146	Analysis of model PM _{2.5} -induced inflammation and cytotoxicity by the combination of a virtual carbon nanoparticle library and computational modeling. <i>Ecotoxicology and Environmental Safety</i> , 2020, 191, 110216.	2.9	20
147	Analytical Methods in Combinatorial Chemistry. <i>Critical Reviews in Combinatorial Chemistry</i> , 2000, , .	0.1	20
148	Modulation of Carbon Nanotubes' Perturbation to the Metabolic Activity of CYP3A4 in the Liver. <i>Advanced Functional Materials</i> , 2016, 26, 841-850.	7.8	19
149	The pyrethroid esfenvalerate induces hypoactivity and decreases dopamine transporter expression in embryonic/larval zebrafish (<i>Danio rerio</i>). <i>Chemosphere</i> , 2020, 243, 125416.	4.2	19
150	Relative comparison of strobilurin fungicides at environmental levels: Focus on mitochondrial function and larval activity in early staged zebrafish (<i>Danio rerio</i>). <i>Toxicology</i> , 2021, 452, 152706.	2.0	19
151	The leading role of adsorbed lead in PM _{2.5} -induced hippocampal neuronal apoptosis and synaptic damage. <i>Journal of Hazardous Materials</i> , 2021, 416, 125867.	6.5	19
152	Discovery of Novel Tricyclic Thiazepine Derivatives as Anti-Drug-Resistant Cancer Agents by Combining Diversity-Oriented Synthesis and Converging Screening Approach. <i>ACS Combinatorial Science</i> , 2016, 18, 230-235.	3.8	18
153	Steric constraints in the retinal binding pocket of sensory rhodopsin I. <i>Biochemistry</i> , 1993, 32, 10224-10232.	1.2	17
154	Comparison of Cancer Cell Survival Triggered by Microtubule Damage after Turning Dyrk1B Kinase On and Off. <i>ACS Chemical Biology</i> , 2014, 9, 731-742.	1.6	17
155	China's Fight for Clean Air and Human Health. <i>Environmental Science & Technology</i> , 2018, 52, 8063-8064.	4.6	17
156	Robust Prediction of Personalized Cell Recognition from a Cancer Population by a Dual Targeting Nanoparticle Library. <i>Advanced Functional Materials</i> , 2015, 25, 6927-6935.	7.8	16
157	Dual Detection Approach to a More Accurate Measure of Relative Purity in High-Throughput Characterization of Compound Collections. <i>ACS Combinatorial Science</i> , 2008, 10, 746-751.	3.3	15
158	Virtual Molecular Projections and Convolutional Neural Networks for the End-to-End Modeling of Nanoparticle Activities and Properties. <i>Analytical Chemistry</i> , 2020, 92, 13971-13979.	3.2	15
159	Oral intake of ZrO ₂ nanoparticles by pregnant mice results in nanoparticles' deposition in fetal brains. <i>Ecotoxicology and Environmental Safety</i> , 2020, 202, 110884.	2.9	15
160	Universal nanohydrophobicity predictions using virtual nanoparticle library. <i>Journal of Cheminformatics</i> , 2019, 11, 6.	2.8	14
161	Induction of mTOR-dependent autophagy by WS ₂ nanosheets from both inside and outside of human cells. <i>Nanoscale</i> , 2019, 11, 10684-10694.	2.8	14
162	Alleviation of Pb ²⁺ pollution-induced oxidative stress and toxicity in microglial cells and zebrafish larvae by chicoric acid. <i>Ecotoxicology and Environmental Safety</i> , 2019, 180, 396-402.	2.9	14

#	ARTICLE	IF	CITATIONS
163	Polyvinylidene fluoride micropore membrane for removal of the released nanoparticles during the application of nanoparticle-loaded water treatment materials. <i>Journal of Cleaner Production</i> , 2020, 261, 121246.	4.6	14
164	The Novel Tubulin Polymerization Inhibitor MHPT Exhibits Selective Anti-Tumor Activity against Rhabdomyosarcoma In Vitro and In Vivo. <i>PLoS ONE</i> , 2015, 10, e0121806.	1.1	14
165	Enhanced cancer cell killing by a targeting gold nanoconstruct with doxorubicin payload under X-ray irradiation. <i>RSC Advances</i> , 2013, 3, 21596.	1.7	13
166	Antitumor Activity of (2E,5Z)-5-(2-Hydroxybenzylidene)-2-((4-phenoxyphenyl)imino) thiazolidin-4-one, a Novel Microtubule-Depolymerizing Agent, in U87MG Human Glioblastoma Cells and Corresponding Mouse Xenograft Model. <i>Journal of Pharmacological Sciences</i> , 2013, 122, 223-231.	1.1	13
167	P-Glycoprotein-Evading Anti-tumor Activity of a Novel Tubulin and HSP90 Dual Inhibitor in a Non-small-cell Lung Cancer Model. <i>Journal of Pharmacological Sciences</i> , 2014, 126, 66-76.	1.1	13
168	Safety Profile of TiO ₂ -Based Photocatalytic Nanofabrics for Indoor Formaldehyde Degradation. <i>International Journal of Molecular Sciences</i> , 2015, 16, 27721-27729.	1.8	13
169	Opportunities and challenges of phyto-nanotechnology. <i>Environmental Science: Nano</i> , 2020, 7, 2863-2874.	2.2	13
170	Kinetics Study of Amine Cleavage Reactions of Various Resin-Bound Thiophenol Esters from Marshall Linker. <i>ACS Combinatorial Science</i> , 2002, 4, 362-368.	3.3	12
171	Site-Site Isolation and Site-Site Interaction – Two Sides of the Same Coin. <i>International Journal of Peptide Research and Therapeutics</i> , 2007, 13, 213-219.	0.9	12
172	Advances in preclinical small molecules for the treatment of NSCLC. <i>Expert Opinion on Therapeutic Patents</i> , 2009, 19, 731-751.	2.4	12
173	The small-molecule IAP antagonist AT406 inhibits pancreatic cancer cells in vitro and in vivo. <i>Biochemical and Biophysical Research Communications</i> , 2016, 478, 293-299.	1.0	12
174	The effect of macrophage polarization on the expression of the oxytocin signalling system in enteric neurons. <i>Journal of Neuroinflammation</i> , 2021, 18, 261.	3.1	12
175	Complexation of the Signal Transducing Protein HtrI to Sensory Rhodopsin I and Its Effect on Thermodynamics of Signaling State Deactivation. <i>Journal of Physical Chemistry B</i> , 1997, 101, 109-113.	1.2	11
176	Characterizing the Surface Chemistry of Nanoparticles: An Analogy to Solid-Phase Synthesis Samples. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2011, 14, 191-197.	0.6	11
177	Editorial: Nanoparticles in Cancer Therapy-Novel Concepts, Mechanisms, and Applications. <i>Frontiers in Pharmacology</i> , 2018, 9, 1552.	1.6	11
178	The biodistribution and transformation of nanoparticulate and ionic silver in rat organs in vivo. <i>NanoImpact</i> , 2020, 20, 100265.	2.4	11
179	Intestinal uptake and low transformation increase the bioaccumulation of inorganic arsenic in freshwater zebrafish. <i>Journal of Hazardous Materials</i> , 2022, 434, 128904.	6.5	11
180	Novel 8-hydroxyquinoline analogs induce copper-dependent proteasome inhibition and cell death in human breast cancer cells. <i>International Journal of Oncology</i> , 2009, 35, 1481-91.	1.4	10

#	ARTICLE	IF	CITATIONS
181	Safety profile and cellular uptake of biotemplated nanocapsules with nanometre-thin walls. <i>Nanoscale</i> , 2011, 3, 2576.	2.8	10
182	Nano-cell and nano-pollutant interactions constitute key elements in nanoparticle-pollutant combined cytotoxicity. <i>Journal of Hazardous Materials</i> , 2021, 418, 126259.	6.5	10
183	Physiologically based pharmacokinetic model revealed the distinct bio-transportation and turnover of arsenobetaine and arsenate in marine fish. <i>Aquatic Toxicology</i> , 2021, 240, 105991.	1.9	10
184	Carbon nanomaterials as emerging nanotherapeutic platforms to tackle the rising tide of cancer – A review. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 51, 116493.	1.4	10
185	Role of Fourier transform infrared spectroscopy in the rehearsal phase of combinatorial chemistry: a thin-layer chromatography equivalent for on-support monitoring of solid-phase organic synthesis. <i>Biomedical Applications</i> , 1999, 725, 91-102.	1.7	9
186	Evaluation of copper-dependent proteasome-inhibitory and apoptosis-inducing activities of novel pyrrolidine dithiocarbamate analogues. <i>International Journal of Molecular Medicine</i> , 2007, , .	1.8	9
187	Reprogramming Cellular Signaling Machinery Using Surface-Modified Carbon Nanotubes. <i>Chemical Research in Toxicology</i> , 2015, 28, 296-305.	1.7	9
188	Electrostatic attraction of cationic pollutants by microplastics reduces their joint cytotoxicity. <i>Chemosphere</i> , 2021, 282, 131121.	4.2	9
189	Triclosan detoxification through dechlorination and oxidation via microbial Pd-NPs under aerobic conditions. <i>Chemosphere</i> , 2022, 286, 131836.	4.2	9
190	Comparison of the Cytokine Profile in Mesenchymal Stem Cells from Human Adipose, Umbilical Cord, and Placental Tissues. <i>Cellular Reprogramming</i> , 2021, 23, 336-348.	0.5	9
191	Biosafety-inspired structural optimization of triazolium ionic liquids based on structure-toxicity relationships. <i>Journal of Hazardous Materials</i> , 2022, 424, 127521.	6.5	9
192	SENSITIVITY INCREASE IN THE PHOTOPHOBIC RESPONSE OF <i>Halobacterium halobium</i> RECONSTITUTED WITH RETINAL ANALOGS: A NOVEL INTERPRETATION FOR THE FLUENCE-RESPONSE RELATIONSHIP AND A KINETIC MODELING. <i>Photochemistry and Photobiology</i> , 1992, 56, 1119-1128.	1.3	8
193	Comparison of Kinetics of Organic Reactions Carried out on Resin Beads of Different Diameters. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 5964-5967.	1.8	8
194	Elucidation of the Molecular Determinants for Optimal Perfluorooctanesulfonate Adsorption Using a Combinatorial Nanoparticle Library Approach. <i>Environmental Science & Technology</i> , 2017, 51, 7120-7127.	4.6	8
195	<p>Reduced Beige Adipogenic Potential in Subcutaneous Adipocytes Derived from Obese Chinese Individuals</p>. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2551-2562.	1.1	8
196	Simple Extraction and Ultrasensitive Determination of Nanoscale Silver from Environmental Waters. <i>ACS Sustainable Chemistry and Engineering</i> , 2022, 10, 1863-1870.	3.2	8
197	The interaction between biochars from distinct pyrolysis temperatures and multiple pollutants determines their combined cytotoxicity. <i>Chemosphere</i> , 2022, 296, 133999.	4.2	8
198	Repeated Use of Solid Supports in Combinatorial Synthesis:Â The Case of Marshall Resin Recycling. <i>ACS Combinatorial Science</i> , 2001, 3, 407-409.	3.3	7

#	ARTICLE	IF	CITATIONS
199	Qualitative and Quantitative Analyses of Resin-Bound Organic Compounds. <i>Combinatorial Chemistry and High Throughput Screening</i> , 2001, 4, 353-362.	0.6	7
200	Improving both aqueous solubility and anti-cancer activity by assessing progressive lead optimization libraries. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1971-1975.	1.0	7
201	A human cell panel for evaluating safe application of nano-ZrO ₂ /polymer composite in water remediation. <i>Ecotoxicology and Environmental Safety</i> , 2018, 166, 474-481.	2.9	7
202	Vincristine leads to colonic myenteric neurons injury via pro-inflammatory macrophages activation. <i>Biochemical Pharmacology</i> , 2021, 186, 114479.	2.0	7
203	Comprehensive Interrogation of Metabolic and Bioenergetic Responses of Early-Staged Zebrafish (<i>Danio rerio</i>) to a Commercial Copper Hydroxide Nanopesticide. <i>Environmental Science & Technology</i> , 2021, 55, 13033-13044.	4.6	7
204	Regulation of Aryl Hydrocarbon Receptor Signaling Pathway and Dioxin Toxicity by Novel Agonists and Antagonists. <i>Chemical Research in Toxicology</i> , 2020, 33, 614-624.	1.7	6
205	Protamine assisted rapid synthesis of carbon dots for living nucleolus imaging and gene delivery applications. <i>Journal of Materials Science</i> , 2021, 56, 4396-4406.	1.7	6
206	Mitigation of Obesity-Related Systemic Low-Grade Inflammation and Gut Microbial Dysbiosis in Mice with Nanosilver Supplement. <i>ACS Applied Bio Materials</i> , 2021, 4, 2570-2582.	2.3	6
207	Elucidation of the Critical Role of Core Materials in PM _{2.5} -Induced Cytotoxicity by Interrogating Silica- and Carbon-Based Model PM _{2.5} Particle Libraries. <i>Environmental Science & Technology</i> , 2021, 55, 6128-6139.	4.6	6
208	Synergistic effects of carbon nanoparticle-Cr-Pb in PM _{2.5} cause cell cycle arrest via upregulating a novel lncRNA NONHSAT074301.2 in human bronchial epithelial cells. <i>Journal of Hazardous Materials</i> , 2021, 411, 125070.	6.5	6
209	Modulation of cell uptake and cytotoxicity by nanoparticles with various physicochemical properties after humic acid adsorption. <i>Environmental Science: Nano</i> , 2021, 8, 3746-3761.	2.2	6
210	Tango of dual nanoparticles: Interplays between exosomes and nanomedicine. <i>Bioengineering and Translational Medicine</i> , 2022, 7, e10269.	3.9	6
211	Aggravated toxicity of copper sulfide nanoparticles <i>via</i> hypochlorite-induced nanoparticle dissolution. <i>Environmental Science: Nano</i> , 2022, 9, 1439-1452.	2.2	6
212	Comparative toxicity of [C8mim]Br and [C8py]Br in early developmental stages of zebrafish (<i>Danio rerio</i>). <i>Journal of Pharmacology</i> , 2022, 92, 103864.	2.0	6
213	A Kinetic Study of Product Cleavage Reactions from the Solid Phase by a Biocompatible and Removable Cleaving Reagent, HCl. <i>ACS Combinatorial Science</i> , 2007, 9, 684-689.	3.3	5
214	A TbPO ₄ -based capturer for environmental extracellular antibiotic genes by interrogating lanthanide phosphates nanoneedles. <i>Journal of Hazardous Materials</i> , 2022, 423, 127139.	6.5	5
215	Reducing Nanotube Cytotoxicity Using a Nano-Combinatorial Library Approach. <i>Methods in Molecular Biology</i> , 2010, 625, 95-107.	0.4	5
216	Toward a Better Understanding of Pharmacokinetics of Nanomaterials. <i>Current Pharmaceutical Design</i> , 2013, 19, 6667-6680.	0.9	5

#	ARTICLE	IF	CITATIONS
217	Distribution, bioaccumulation, and trophic transfer of palladium-doped nanoplastics in a constructed freshwater ecosystem. <i>Environmental Science: Nano</i> , 2022, 9, 1353-1363.	2.2	5
218	Multivariate Tools for Real-Time Monitoring and Optimization of Combinatorial Materials and Process Conditions. , 2004, , 87-123.		4
219	Feasibility of a Self-Calibrated LC/MS/UV Method to Determine the Absolute Amount of Compounds in Their Storage and Screening Lifecycle. <i>ACS Combinatorial Science</i> , 2008, 10, 162-165.	3.3	4
220	Kinetics of Resin-Supported Mitsunobu Esterification and Etherification Reactions. <i>ACS Combinatorial Science</i> , 2009, 11, 438-445.	3.3	4
221	The ZrO ₂ NPs enhanced the risk of arsenate by promoting its accumulation and reducing its detoxification during food chain transfer from <i>Daphnia magna</i> to zebrafish. <i>Journal of Hazardous Materials</i> , 2022, 424, 127338.	6.5	4
222	Construction of K and Tb Co-doped MnO ₂ nanoparticles for enhanced oxidation and detoxication of organic dye waste. <i>Chemosphere</i> , 2022, 297, 134104.	4.2	4
223	A nano-combinatorial approach to developing cancer diagnostics: nano-combinatorial diagnostics discovery. <i>Nanomedicine</i> , 2012, 7, 937-940.	1.7	3
224	Cytotoxicity Induction by the Oxidative Reactivity of Nanoparticles Revealed by a Combinatorial GNP Library with Diverse Redox Properties. <i>Molecules</i> , 2021, 26, 3630.	1.7	3
225	Multi-walled carbon nanotubes inhibit potential detoxification of dioxin-mediated toxicity by blocking the nuclear translocation of aryl hydrocarbon receptor. <i>Journal of Hazardous Materials</i> , 2022, 430, 128458.	6.5	3
226	High-Throughput Parallel LC-MS/MS Analysis of Combinatorial Libraries. <i>Methods in Enzymology</i> , 2003, 369, 3-21.	0.4	2
227	Hepatic Injuries Induced by Engineered Nanomaterials. <i>Nanomedicine and Nanotoxicology</i> , 2017, , 321-338.	0.1	2
228	Reciprocal Expression of Differentiated Embryonic Chondrocyte Expressed Genes Result in Functional Antagonism in Gastric Cancer. <i>Digestive Diseases and Sciences</i> , 2022, 67, 904-914.	1.1	2
229	Co-exposures of TiO ₂ nanoparticles and cadmium ions at non-lethal doses aggravates liver injury in mice with ConA-induced hepatitis. <i>Environmental Toxicology and Pharmacology</i> , 2021, 86, 103669.	2.0	2
230	Predicting cytotoxicity of binary pollutants towards a human cell panel in environmental water by experimentation and deep learning methods. <i>Chemosphere</i> , 2022, 287, 132324.	4.2	2
231	Real-Time Monitoring of Cellular Responses to Carbon Nanotubes. <i>Methods in Molecular Biology</i> , 2010, 625, 85-94.	0.4	2
232	Intracellular Exposure Dose-Associated Susceptibility of Steatotic Hepatocytes to Metallic Nanoparticles. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12643.	1.8	2
233	Metabolomic and bioenergetic responses of human hepatocellular carcinoma cells following exposure to commercial copper hydroxide nanopesticide. <i>Environmental Science: Nano</i> , 0, , .	2.2	2
234	Monitoring and Optimizing Organic Reactions Carried Out on Solid Support. , 2005, , 503-526.		1

#	ARTICLE	IF	CITATIONS
235	Carbon Nanotubes: Carbon Nanotubes Disrupt Iron Homeostasis and Induce Anemia of Inflammation through Inflammatory Pathway as a Secondary Effect Distant to Their Portalâ€œEntry (Small 15/2017). Small, 2017, 13, .	5.2	1
236	One Pot Synthesis of Large Gold Nanoparticles with Triple Functional Ferrocene Ligands. International Journal of Molecular Sciences, 2021, 22, 2328.	1.8	1
237	Al ³⁺ reduces PM _{2.5} -induced cytotoxicity in human bronchial epithelial cells via reducing ROS production. Air Quality, Atmosphere and Health, 2021, 14, 903-909.	1.5	1
238	Solid-phase synthesis via 5-oxazolidinones. Ring opening reactions with amines and reaction monitoring by single bead FT-IR microspectroscopy. , 2002, , 305-306.		1
239	The clinicopathological features and prognosis of serum AFP positive gastric cancer: a report of 16 cases. International Journal of Clinical and Experimental Pathology, 2020, 13, 2439-2446.	0.5	1
240	Antagonistic role of Al ³⁺ against PM _{2.5} -induced neurotoxicity <i>via</i> suppression of NADPH oxidase-triggered oxidative stress. Environmental Science: Nano, 2022, 9, 1064-1075.	2.2	1
241	The Application of Single-Bead FTIR and Color Test for Reaction Monitoring and Building Block Validation in Combinatorial Library Synthesis. , 2004, , 53-69.		0
242	Detection of Viable <i>Listeria monocytogenes</i> in Dairy Products By Real Time Reverse-Transcription PCR. , 2009, , .		0
243	Carbon Nanotubes: Modulation of Carbon Nanotube's Perturbation to the Metabolic Activity of CYP3A4 in the Liver (Adv. Funct. Mater. 6/2016). Advanced Functional Materials, 2016, 26, 980-980.	7.8	0
244	Correction to Competitive Inhibition Mechanism of Acetylcholinesterase without Catalytic Active Site Interaction: Study on Functionalized C ₆₀ Nanoparticles via in Vitro and in Silico Assays. ACS Applied Materials & Interfaces, 2017, 9, 44954-44954.	4.0	0
245	Application of single bead FTIR in the optimization of solid-phase combinatorial and parallel syntheses. , 2002, , 411-413.		0